The 2015 IGU Regional Conference
“GEOGRAPHY, CULTURE
AND SOCIETY FOR OUR FUTURE EARTH”

PROGRAMME

August 2015, Moscow

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WELCOME ADDRESSES

Academician Vladimir Kotlyakov  
Honorary President of Russian Geographical Society, Chair of the National Committee of Russian Geographers, Academician of the Russian Academy of Sciences

“This year, Russia has the great honour of hosting the IGU Regional Conference. The National Committee has organised three events of this kind: the XXXIII International Geographical Congress in 1976 and the Scientific Conferences of 1995 and 2003. The most pressing issues in contemporary geography will be at the centre of this year’s scientific programme. Participants will examine global conflicts and potential solutions; discuss climate change, environmental quality and diverse aspects of geoecology; and share experiences and results from polar research. Geography education will be a key topic at the conference, and the 12th International Geography Olympiad will take place within its framework. I am confident that the 2015 IGU Regional Conference will be an important career step for many scientists, including young geographers in Russia. The organizing committee make every effort to create a favourable environment for active discussion of the most urgent issues in geography today.”

Professor Vladimir Kolosov  
President of the International Geographical Union

Geography is the science about fundamental laws of interaction between nature and society, sustainable development, territorial organisation of human life and improvement of its quality. It is a unique discipline integrating natural and social sciences. The International Geographical Union (IGU) – one of the world’s oldest scientific associations, which will soon celebrate its centenary coordinates geographical studies. It currently includes 90 countries, and its 41 commissions cover a wide range of disciplines and issues: from geomorphology, climatology and biogeography to population geography and toponymy, from desertification, natural hazards and disasters to the formation of megacities and the adaptation of local communities to global change. Over 15,000 experts participate regularly in IGU commissions; scientists collaborate with professionals from myriad fields that include regional planning, state and municipal government, environmental protection and geographic information systems. The IGU pays careful attention to geographical education, which plays an essential role in shaping human worldviews and the ability to navigate safely in different natural environment. The IGU Commission on Geographical Education relies on a network of national organisations that unite tens of thousands of geography teachers.

The IGU holds an international congress every four years. Its participants elect members of the Executive and Commissions’ Chairs. Regional conferences are key events in the period between congresses. They are held in different regions of the world and usually gather 1,000-1,500 participants from many countries. The conferences’ programme is highly varied and includes scientific sessions; exhibitions of scientific and popular literature, maps, atlases and new developments in geoinformatics; special days for young scientists and for teachers from secondary and higher education institutions; and lectures by leading scholars. Russian geographers are honoured to host the 2015 IGU Regional Conference. It is organised by the Russian Geographical Society (RGS), the Lomonosov Moscow State University (LMSU) Faculty of Geography, and the Russian Academy of Sciences (RAS) Institute of Geography.
The International Geographical Union (IGU) is an international, non-governmental, professional organization devoted to the development of the discipline of geography. The IGU is one of the oldest international scientific associations formally established in Brussels in 1922. However, the history of international meetings of geographers is much longer. The International Geographical Congress was held in 1871 in Antwerp. The Union promotes the study of geographical problems; initiates and coordinates geographical research requiring international cooperation and promotes its scientific discussion and publication; provides for the participation of geographers in the work of relevant international organizations; facilitates the collection and diffusion of geographical data and documentation in and between all member countries; promotes international standardization or compatibility of methods, nomenclature, and symbols employed in geography. The IGU holds the International Geographical Congress every four years and promotes Regional Conferences and other meetings between the International Geographical Congresses, and other meetings in furtherance of the objectives of the Union. The IGU also facilitates the participation of geographers in the global community of scientists through its formal affiliation as a Member Union within both the International Council for Science (ICSU) and the International Social Science Council (ISSC). Since its early days the Union has consisted of three major components: a General Assembly of the delegates appointed by the member countries which meets at the time of the Congress and is the highest authority of the Union; an Executive Committee which consists of a President, eight Vice-Presidents and a Secretary-General and Treasurer; Commissions and Study Groups which continue their work between General Assembly meetings. Commissions and Task Forces are research bodies of the IGU that cover a very wide range of research topics within the discipline of Geography. The work of the IGU is conducted also through the instruments of its National Committees in the countries members. Nowadays the IGU reunites geographical communities from 90 countries. Soviet/Russian geographers joined IGU in 1956. They are represented by the National Committee of Russian Geographers approved by the Russian Academy of Sciences. In 2012, Dr. Vladimir Kolosov became the IGU’s first Russian president. The working languages of the Union are English and French.

The Russian Geographical Society (RGS) was founded in 1845 on the decree by Nicholas I. It is among the oldest geographical societies in the world. The RGS unites experts in geography and cognate sciences – as well as teachers, travel enthusiasts, environmentalists, public figures and anyone prepared to help study and preserve Russia’s natural heritage – with the aim of promoting the acquisition and dissemination of related knowledge. In past years, the RGS was led by representatives of the royal family, illustrious travelers, researchers and state officials. Its honorary members included Russian government, academic and other public figures such as P. P. Semyonov-Tyan-Shansky, S. Yu. Witte, N. I. Vavilov, V. I. Vernadsky, F. P. Wrangell, A. M. Gorchakov, V. I. Dahl and V. A. Obruchev, as well as prominent world figures like King Leopold II of Belgium, Sultan Abdul Hamid of Turkey, King Carl XVI Gustaf of Sweden, King Oscar II of Norway, Shah Qajar Nasser Aldini of Persia and explorers Baron Ferdinand Richthofen, Roald Amundsen, Fridtjof Nansen and Thor Heyerdahl. Hundreds of RGS expeditions have played important roles in understanding the Arctic, Siberia, the Far East, the Middle East, Central Asia, Australia and the World Ocean. Russian Defense Minister Sergey Shoygu serves as President of the RGS since 2009. In this period, the Society established a Board of Trustees headed by Russian President Vladimir Putin. This board revived a long tradition of public and private sponsorship in establishing RGS grants. The Society currently operates regional branches in each of the 85 subjects of Russian Federation.

Lomonosov Moscow State University (LMSU) is Russia’s leading university. Russia’s first societies and schools of science blossomed on its grounds along with great literary masters. It is intimately linked with historic luminaries known to every Russian student. Today the university consists of 41 faculties and 15 research institutes, with more than 50,000 students and over 10,000 educators and researchers. It has fielded 11 Nobel laureates, and currently hosts research centres dedicated to computing, lasers, biotechnology, energy, medicine and many other fields. It also features a production base, satellites, a unique network of robotic telescopes, an observatory, a supercomputer, a botanical garden, the first Russian science park, museums, laboratories and field stations throughout the world. LMSU is open to all, educating people from over 80 countries in collaboration with its five Russian and international affiliates. The university also works with leading Russian and international companies. The ambition to lead in meeting the challenges of our time is among the fundamental characteristics of LMSU and its community.

The Russian Academy of Sciences (RAS) was established in 1724. Until 2014 it has consisted of a network of about 400 research institutes employing about 100,000 people from across the Russian Federation, and additional scientific and social units such as libraries, publishing houses, and hospitals. RAS combined full members (Academicians) and corresponding members and scientists employed by institutions. Now it assumes the coordination basic research carried out by scientific organisations and higher education institutions, while research institutes and most other units are run by a special governmental agency. Headquartered in Moscow, the Academy is considered a civil, self-governed, non-commercial organization.
IGU COMMISSIONS

C12.01 Applied Geography
C12.02 Arid Lands, Humankind, and Environment
C12.03 Biogeography and Biodiversity
C12.04 Climatology
C12.05 Coastal Systems
C12.06 Cold Region Environments
C12.07 Cultural Approach in Geography
C12.08 Dynamics of Economic Spaces
C12.09 Environmental Evolution
C12.10 Gender and Geography
C12.11 Geographical Education
C12.12 Geographical Information Science
C12.13 Geography of Governance
C12.14 Geography of the Global Information Society
C12.15 Geography of Tourism, Leisure, and Global Change
C12.16 Geoparks
C12.17 Global Change and Human Mobility
C12.18 Hazard and Risk
C12.19 Health and Environment
C12.20 History of Geography
C12.21 Indigenous Knowledges and Peoples’ Rights
C12.22 Islands

C12.23 Karst
C12.24 Land Degradation and Desertification
C12.25 Landscape Analysis and Landscape Planning
C12.26 Land Use and Land Cover Change
C12.27 Latin American Studies
C12.28 Local and Regional Development
C12.29 Marginalisation, Globalisation, and Regional and Local Responses
C12.30 Mediterranean Basin
C12.31 Modelling Geographical Systems
C12.32 Mountain Response to Global Change
C12.33 Political Geography
C12.34 Population Geography
C12.35 Sustainability of Rural Systems
C12.36 Toponymy
C12.37 Transformation Processes in Megacities
C12.38 Transport and Geography
C12.40 Water Sustainability
C12.41 Geomorphology and Society
T12.01 Olympiad

ORGANISING COMMITTEE

STEERING COMMITTEE IGU 2015

Sergey Shoygu
President of the Russian Geographical Society

Viktor Sadovnichiy
Rector of Lomonosov Moscow State University, Academician of the Russian Academy of Sciences

Vladimir Kotlyakov
Honorary President of Russian Geographical Society, Chair of the National Committee of Russian Geographers, Academician of the Russian Academy of Sciences

Nikolay Kasimov
First Vice-President of the Russian Geographical Society, Academician of the Russian Academy of Sciences

Artur Chilingarov
First Vice-President of the Russian Geographical Society, Corresponding Member of the Russian Academy of Sciences
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Sergey Chalov (General Secretary for IGU Moscow 2015, PhD)
Anastasia Chernobrovina (Advisor to the President of the Russian Geographical Society for Media Policy)
Aleksandr Chibilev (Vice-president of the Russian Geographical Society, Corresponding Member of the Russian Academy of Sciences, Professor)
Kirill Chistyakov (Vice-president of the Russian Geographical Society, Professor)
Sergey Dobroliubov (Chair of the Program Committee, Corresponding Member of the Russian Academy of Sciences, Professor)
Aleksandr Frolov (Head of Federal Service for Hydrometeorology and Environmental Monitoring of Russia)
Rinat Gizatullin (Deputy Minister of Natural Resources and Environment of the Russian Federation)
Vladimir Kolosov (President of the International Geographical Union, Professor)
Dmitry Krasnikov (Director JSC “Roscartography”)
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Valery Tishkov (Academician of the Russian Academy of Sciences, Professor)
Natalya Tretyak (First Deputy Minister of Education and Science of the Russian Federation)
Arnold Tulokhonov (Member of the Federation Council, Corresponding Member of the Russian Academy of Sciences, Professor)

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Ekaterina Aigina (Faculty of Geography, Lomonosov Moscow State University)
Varvara Akimova (Faculty of Geography, Lomonosov Moscow State University)
Nadezhda Gruzdeva (Faculty of Geography, Lomonosov Moscow State University)
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Igor Okunev (Moscow State Institute of International Relations)
Andrey Panin (Faculty of Geography, Lomonosov Moscow State University)
Elena Petrova (Faculty of Geography, Lomonosov Moscow State University)
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Natalia Mushnikova
Grigoriy Nedaev
Nina Nesterova
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Alexander Poturaeva
Anna Rashica
Anna Romanchenko
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Ivan Sazhin
Igor Sereda
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Maxim Valkovets
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Elena Vetrova
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Ekaterina Zakharova
Pavel Zharov
12TH INTERNATIONAL GEOGRAPHY OLYMPIAD 2015 (iGeo)

The idea of organizing an international geography competition for secondary school students dates back to the first half of the 1990s. The main goal was to promote geographical knowledge among young people through their natural will to compete and to build international links between people and places.

Harnessing the potential of the increasingly popular – especially in Europe – national Geography Olympiads was also an important argument.

The 12th International Geography Olympiad (iGeo) will be hosted by Russia and held 11-17 August 2015 in Tver oblast and Moscow. iGeo-2015 is organized under the auspices of the International Geography Union (IGU) Olympiad Task Force by the Ministry of Education and Science of Russian Federation in cooperation with the Russian Geographical Society and two Russian universities: Tver State University and Lomonosov Moscow State.

The International Geography Olympiad (iGeo) is an annual competition for the best 16 to 19 year old geography students from all over the world.

Each team consists of four contestants aged between 16 and 19 and two adult team leaders, one of whom is a member of the jury of the International Geography Olympiad. As all participants are selected in national geography contests, holding a national competition is a prerequisite for entering the International Geography Olympiad.

The International Geography Olympiad comprises a written response test, fieldwork and a multi-media test. Questions are generally related to global matters and they much more frequently check practical skills than factual knowledge. The written response test contains a mix of open and half-open questions. Each task is accompanied by adequate source materials, such as tables with statistical data, diagrams, maps, photographs, etc., which facilitate the analysis and make it possible to provide the correct answer. The fieldwork is definitely the most difficult part of the competition.

It consists of an outdoor and an indoor stage. At the first stage (cartography), the students are required to prepare e.g. an inventory, a land use map or a land profile on the basis of their own field observations and supplied materials. The second stage, which involves using analytical and decision-making skills, includes such tasks as interpreting maps and aerial photographs, analyzing the data collected during the field stage, or drawing up proposals to develop the area.

The Olympiad is not limited to the competition. All participants are required to prepare and deliver a “cultural presentation” about their countries. This usually consists of singing, dancing or presenting folk costumes or items of broad cultural interest. They are additionally required to prepare a scientific poster before the competition. The poster has to address a topic selected by the Task Force, which will, in turn, be related to the theme of the next Conference or Congress of the International Geographical Union – this year the theme is: “Challenges of Contemporary Urban Areas.” The poster obviously has to concern their home country. It is then presented to the public and marked by all the participants.
Moscow is the 867-year-old capital of the Russian Federation. A truly iconic, global city, Moscow has played a central role in the development of the Russian state. In the course of its history, the city has served as the capital of a progression of states, from the medieval Grand Duchy of Moscow and the subsequent Tsardom of Russia to the Soviet Union.

Moscow is situated on the Moskva River in the Central Federal District of European Russia making it the world’s most populated inland city. The city is well known for its unique architecture which consists of many different historic buildings.

Moscow is considered to be the center of Russian culture, having served as the home of prestigious Russian artists, scientists and sports figures during the course of its history and because of the presence of many different museums, academic and political institutions and theaters.

With over 40 percent of its territory covered by greenery, it is one of the greenest capitals and major cities in Europe and the world, having the largest forest in an urban area within its borders—more than any other major city.

Much is done for comfort of moscovites and guests of Moscow: in the streets more and more pedestrian areas are organized; new modern hotels, cafes and restaurants appear. But neither words nor convincing figures, however, can give a complete idea of what had been done in Moscow. If you have already visited Moscow, you will have the desire to come back again, because it attracts visitors with the atmosphere of the ancient city, which has been poetized and glorified for ages and is still admired by contemporary inhabitants and travelers.
Lomonosov Moscow State University campus in the southwest of Moscow disposes of several educational and congress buildings specially designed to host a large number of diverse activities, thus providing enough space to accommodate all the sessions, lectures, and Associated Events of the Conference. The IGU 2015 will take place in a special cluster of very recent campus buildings of the University. This cluster includes the Fundamental Library, Shuvalovsky and Lomonosovsky educational buildings, named after the founding fathers of Moscow University. Each of the buildings contains a large number of rooms equipped with all necessary facilities, thus creating a rich and inspirational atmosphere for scientific discussions and public outreach events. Moreover, these building are just 600 meters from the historic Main Building of the University, one of the most magnificent Moscow ‘sky-scrapers’ built in the middle of the XX century. The campus, itself a historical site in the immediate vicinity of the ancient forest sloping down to the Moskva river bank (Vorobyevy Gory Wildlife Preserve), is just twenty minutes from Moscow city center by underground and can be easily accessed from the airports and railroad stations.
MSU Fundamental Library (building A): Lomonosovsky prospect 27
(Registration, Opening ceremony, Ice-breaker cocktail party)

MSU Lomonosovsky sector (building B): Lomonosovsky prospect 27, Bld.1
(Thematic lectures, Oral sessions)

MSU Shuvalovsky sector (building C): Lomonosovsky prospect 27, Bld.4
(Plenary lectures, Exhibition area, Pressroom, Side-events, Oral and Poster sessions)
Building A

1st floor

Registration

Entrance

Ice-breaker Cocktail party

2nd floor

Opening ceremony

Entrance
ОРГАНИЗАЦИЯ КОНФЕРЕНЦИЙ – НАША ПРОФЕССИЯ

ORGANIZATION OF CONFERENCES IS OUR PROFESSION

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welcome@ctocongress.ru
www.ctocongress.ru
PRACTICAL INFORMATION

REGISTRATION DESK
Registration desk will be open from Sunday, 16 August, 14 p.m. until Friday, 21 August, at the central hall of Fundamental Library (building A).

In order to obtain the conference badge and conference materials, a valid ID document with a photograph of its holder must be presented to the registration staff.

SAFETY REGULATIONS
For safety reasons, entrance to the conference buildings is controlled and available ONLY FOR THE PARTICIPANTS WITH CONFERENCE BADGES. The badge is also required to enter the ice-breaker cocktail party, Gala Dinner.

COFFEE AND LUNCH AREAS
Coffee-breaks and lunches will be provided in both buildings free of charge for participants. 3 types of lunches are offered based on your choice: meat, fish or vegetarian. Request should be done at registration desk during registration.

Lunch areas: building B, C, 1st floor. Lunches are available between 13-14 pm every day

INTERNET ACCESS
Wifi is provided in all conference buildings. For better connection please use marked hot spot point located in the halls.

CONFERENCE PUBLICATION
All accepted abstracts will be published in the IGU 2015 Abstract book (USB).

For publications of full papers Local Organizing Committee offers a possibility to prepare special issue based on the contributions from the given sessions of IGU 2015 in the journals published by the organizers of IGU 2015: Vestnik MSU (indexed by Scopus) and Geography, Environment, Sustainability.

To apply for special issue in the listed journals, interested conveners of IGU 2015 session should submit to the LOC names of at least 2 guest editors and a preliminary list of papers, proposed for special issue. Guest editors will be responsible for the referee process, final selection of papers and the linguistic quality are the responsibility of the Guest Editor(s). The final scientific quality of the Work is the responsibility of the Guest Editor(s).

The papers should be based on the contributions presented at IGU 2015 in Moscow within the scope of the session selected for the special issue. The papers should be submitted to the special issue after IGU 2015.

The decision regarding acceptance you proposal of special issue will be made after IGU 2015 based on the conveners report of the IGU session proposed for the special issue. Please note, that the numbers of SI are limited and the selection procedure will be rather strict.

Submission should be made to info@igu2015.ru, in the subject of your message please mention “special issue” and title of your session. For details please contact representatives of Local Organizing Committee during conference days.

EXHIBITION AREA
Exhibition booths are located in Conference Building C, at the 1st floor. The booths are open from Monday 17 Aug. to Friday 21 Aug., during the conference hours: 9 am - 6 pm

A.1. Rosneft
A.2. Fund for protection of lake baikal
A.3. Igu 2016 beijing
A.4. Institute of environmental survey, planning & assessment
A.5. “Scanex” holding

B.1. National committee of russian geographers
B.2. Russian geographical society
B.3. Association of american geographers
B.4. Rgs development center in switzerland
HOW TO GET TO THE CONFERENCE BUILDINGS

PUBLIC TRANSPORT

Public transport in Moscow is inexpensive, with a variety of options that include subway, bus, trolleybus, tram, routed minibus and taxi. The most popular and convenient is the subway (Moscow Metro). Tickets can be purchased at stations throughout the city. Trains normally arrive every 2 minutes, with longer intervals (up to 10 minutes) in some cases after peak daytime hours. They may be overcrowded during the workday rush.

Hours of operation: 5:30AM – 1:00AM

Tickets for other forms of transport can be purchased in kiosks at the stops or onboard.

Normal prices for a one-way ticket on different forms of transport:

- Subway: 50 rubles
- Routed minibus: 50 rubles
- Trolleybus, tram, bus: 50 rubles

To hail a routed minibus or taxi you can just raise your hand.

Link to the Moscow subway map: [http://russianmetro.ru/index_eng.php](http://russianmetro.ru/index_eng.php)

From the metro station «University» bus number 34, 67, 103, 130, 187, 260;

Stop «Fundamental Library», then just cross the street by underground walkway.

By foot: it takes 7-11 minutes to reach building B, 13-17 minutes to reach building C, Building A is in between.

## CONFERENCE PROGRAMME

### FRAMEWORK PROGRAMME

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<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td><strong>Sunday, 16 Aug.</strong></td>
<td>13:00-20:00</td>
<td>Registration</td>
</tr>
<tr>
<td><strong>Monday, 17 Aug.</strong></td>
<td>08:00-18:00</td>
<td>Registration (building A, first floor)</td>
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<td>10:00-11:45</td>
<td>Opening ceremony (building A, plenary hall)</td>
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<td>12:00-12:30</td>
<td>Coffee break</td>
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<td>12:30-18:30</td>
<td>Poster exhibition</td>
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<td>12:30-14:00</td>
<td>Commissions and special sessions</td>
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<td></td>
<td>14:00-15:00</td>
<td>iGeo Closing &amp; Awarding Ceremony (building A, plenary hall)</td>
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<td>14:00-15:00</td>
<td>Lunch</td>
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<td>15:00-16:30</td>
<td>Commissions and special sessions</td>
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<td>16:30-17:00</td>
<td>Coffee break</td>
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<td></td>
<td>17:00-18:00</td>
<td>Commissions and special sessions</td>
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<td>19:00-21:00</td>
<td>Ice-breaker Cocktail party (building A, first floor)</td>
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<td><strong>Tuesday, 18 Aug.</strong></td>
<td>09:30-17:30</td>
<td>Poster exhibition</td>
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<td>09:30-13:30</td>
<td>Coach scientific tour “Moscow: territorial development and growth limiting factors”</td>
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<td></td>
<td>09:30-13:30</td>
<td>Coach scientific tour “Geography of Moscow”</td>
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<td>09:30-11:00</td>
<td>Commissions and special sessions</td>
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<td>11:00-11:30</td>
<td>Coffee break</td>
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<td>11:30-13:00</td>
<td>Plenary lecture</td>
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<td>16:00-17:30</td>
<td>Commissions and special sessions</td>
</tr>
<tr>
<td><strong>Wednesday, 19 Aug.</strong></td>
<td>09:30-17:30</td>
<td>Poster exhibition</td>
</tr>
<tr>
<td></td>
<td>09:30-17:30</td>
<td>coach scientific tour to Cultural and Education Center ETHNOMIR (Kaluga region)</td>
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<tr>
<td></td>
<td>09:30-13:30</td>
<td>walking scientific tour «Gorky park: types of urban recreation»</td>
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<td></td>
<td>09:30-11:00</td>
<td>Commissions and special sessions</td>
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<td></td>
<td>11:00-11:30</td>
<td>Coffee break</td>
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<td></td>
<td>11:30-13:00</td>
<td>Plenary lecture</td>
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<td>13:00-14:00</td>
<td>Lunch</td>
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<td>14:00-15:30</td>
<td>Commissions and special sessions</td>
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<td>15:30-16:00</td>
<td>Coffee break</td>
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<td>16:00-17:30</td>
<td>Commissions and special sessions</td>
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<tr>
<td><strong>Thursday, 20 Aug.</strong></td>
<td>09:30-17:30</td>
<td>Poster exhibition</td>
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<tr>
<td></td>
<td>09:30-13:30</td>
<td>Coach scientific tour «Kolomenskoye-Djakovo: landscape landmarks and evolution of nature and settlement structure from the Iron age to the present</td>
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<tr>
<td></td>
<td>09:30-11:00</td>
<td>Commissions and special sessions</td>
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<td>11:00-11:30</td>
<td>Coffee break</td>
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<td>Coffee break</td>
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<td>16:00-17:30</td>
<td>Commissions and special sessions</td>
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<tr>
<td></td>
<td>18:30-21:00</td>
<td>Gala dinner</td>
</tr>
<tr>
<td><strong>Friday, 21 Aug.</strong></td>
<td>09:30-15:30</td>
<td>Poster exhibition and programme for young scholars</td>
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<td>09:30-11:00</td>
<td>Commissions and special sessions</td>
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<td>11:00-11:30</td>
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<td>15:30-16:00</td>
<td>Coffee break</td>
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<td>16:00-18:30</td>
<td>Closing ceremony</td>
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</tbody>
</table>
ORAL SESSIONS

Oral sessions will take place in the building B and C located on both sides of the Fundamental Library (building A).

An oral session can be composed of three, four or five presentations. In case of three or four presentations taking place in one time slot, there are 20 minutes planned for each talk and a discussion is scheduled afterwards, at the end of the session.

In case of five presentations in one time slot, there are 15 minutes planned for each talk and a 5-minute discussion immediately afterwards.

The files with presentations should be installed in the computers available in lecture rooms at least 30 minutes before the beginning of a particular session. The files should be delivered to the volunteers responsible for a given lecture room. It is recommended to install the presentations in advance to avoid any technical problems.

POSTER EXHIBITION

Posters are exhibited in the building C (2nd floor) on the following time:

- Monday: 12:30-18:30
- Tuesday, Wednesday and Thursday: 09:30-17:30
- Friday: 09:30-15:30

Poster format requirements:
- The maximum dimensions of your poster should be 96 cm (width) x 120 cm (height). In order to fit the poster board, your poster should not exceed the recommended size.
- Font: Arial
- Font-sizes: 72 pt (main title), 48 pt (subtitles), 32 pt (body text)
- The name of each author must be clearly visible.
- Poster should be printed by authors.
- The Organizing Committee will provide all materials necessary to affix posters to the wall.
- Each poster may be exhibited only during one day. Authors are kindly requested to put up their posters on the day when a given poster session is scheduled as soon as possible (8 a.m.-9 a.m., but not in the evening before the scheduled display day), and to take them down between 6 p.m.-6:30 p.m. at the latest. After that time, the remaining posters will be disposed of by the conference staff, i.e. posters will not be stored anymore. The chairpersons of particular sessions may decide to offer some time during oral presentations slots for short poster presentations.
PLENARY LECTURES

Plenary lectures are held in Conference Building C (Shuvalov building (27, Lomonosovsky prospect, Bld.4)), in Assembly Hall, on Monday (17 Aug 2015) at 17:00 - 18:00 and Tuesday-Friday (18-21 Aug. 2015) at 11.30 - 13:30.

<table>
<thead>
<tr>
<th>Date</th>
<th>Lecture Time</th>
<th>Lecturer</th>
<th>Title</th>
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<tbody>
<tr>
<td>MONDAY, 17 AUG.</td>
<td>11:30-13:00 Plenary Lecture</td>
<td>Professor Benno Werlen</td>
<td>2016 International Year of Global Understanding (IYGU)</td>
</tr>
<tr>
<td>TUESDAY, 18 AUG.</td>
<td>11:30-13:30 Plenary Lecture</td>
<td>Professor Georg GARTNER (Austria)</td>
<td>The Relevance of Cartography</td>
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<td></td>
<td></td>
<td>Professor Valery TISHKOV (Russian Federation)</td>
<td>Cultural complexity of contemporary nations</td>
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<tr>
<td>WEDNESDAY, 19 AUG.</td>
<td>11:30-13:30 Plenary Lecture</td>
<td>Professor Alexander MURPHY (USA)</td>
<td>Coping With a Fast-Changing, Unstable World: Opportunities and Challenges for Geography</td>
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<td></td>
<td>Associate Professor Shirlena HUANG (Singapore)</td>
<td>A Continuing Agenda for Gender (Lecture by the Gender and Geography Commission, recipient of the inaugural IGU Award for Best Commission)</td>
</tr>
<tr>
<td>THURSDAY, 20 AUG.</td>
<td>11:30-13:00 Plenary Lecture</td>
<td>Professor John O’LOUGHLIN (USA)</td>
<td>Climate change and conflict in Sub-Saharan Africa</td>
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<td></td>
<td>Professor Gordon MCBEAN (Canada)</td>
<td>Addressing the Challenges of the Geography of Future Earth</td>
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<tr>
<td>FRIDAY, 21 AUG.</td>
<td>11:30-13:00 Plenary Lecture</td>
<td>Professor Salomon KROONENBERG (the Netherlands)</td>
<td>The unpredictability of Nature: the Caspian Sea Level case</td>
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<td></td>
<td>17:00-18:00 Plenary Lecture</td>
<td>Professor Vladimir KOLOSOV (Russian Federation)</td>
<td>Russian Geography: Specifics, Achievements, Problems</td>
</tr>
</tbody>
</table>

PROFESSOR GEORG GARTNER
Georg Gartner is a Full Professor for Cartography at the Vienna University of Technology. He holds graduate qualifications in Geography and Cartography from the University of Vienna and received his Ph.D. and his Habilitation from the Vienna University of Technology. He was awarded a Fulbright grant to the USA and several research visiting fellowships. He was Dean for Academic Affairs for Geodesy and Geoinformation at Vienna University of Technology. He is Editor of the Book Series “Lecture Notes on Geoinformation and Cartography” by Springer and Editor of the «Journal on LBS» by Taylor & Francis. He serves currently as President of the International Cartographic Association.

PROFESSOR ALEXANDER MURPHY
Alexander Murphy is a Professor of Geography and the Rippey Chair in Liberal Arts and Sciences at the University of Oregon. He specializes in Political-Cultural Geography with regional concentrations on Europe and the Middle East. He is a past President of the Association of American Geographers and he currently serves as Senior Vice President of the American Geographical Society. He has been an editor of both Progress in Human Geography and Eurasian Geography and Economics. Dr. Murphy has authored or co-authored some 100 articles and book chapters, as well as several books, including Cultural Encounters with the Environment and Human Geography: Culture, Society, and Space. His work has been supported by grants from Fulbright-Hays, the U.S. National Endowment for the Humanities Fellowship, and the U.S. National Science Foundation. He has received distinguished teaching awards from the National Council for Geographic Education and his own university. Dr. Murphy was elected to membership in the Academia Europea in 2011. He recently chaired a study of the U.S. National Research Council outlining strategic directions for the geographical sciences. Dr. Murphy holds a Bachelor’s Degree in Archaeology from Yale University, a Law Degree from Columbia University and a Ph.D. in Geography from the University of Chicago.
PROFESSOR BENNO WERLEN

Benno Werlen is the Executive Director of the 2016 International Year of Global Understanding on the basis of a UNESCO declaration, which links the major scientific global umbrella organizations’ efforts to achieve global sustainability. These organizations include the natural sciences (ICSU) as well as the social sciences (ISSC), philosophy and the humanities (CIPSH). Benno Werlen is currently a professor of Social Geography at the Friedrich-Schiller University Jena in Germany and a member of the European Research Council in Brussels in the field of Society & Environment.

PROFESSOR VALERY TISHKOV

Academician Valery A. Tishkov is Research Director of the Institute of Ethnology and Anthropology, Russian Academy of Sciences. He is also Director of the IEA Centre for the Study and Management of Conflicts. In 1992 Prof. Tishkov served as Minister for Nationalities. He participated in the elaboration of Russia’s concept documents and legislation in the field of minorities’ rights and migration policy, was advisor to a number of international agencies and committees (UNHCR, UNESCO) and prestigious research institutions (PRIO, UNRISD).

Academician Tishkov is the author of many scholarly books and reference editions on ethnicity, minorities, migrations and conflicts. His two books published in English are Ethnicity, Nationalism and Conflict in and after the Soviet Union: The Mind Aflame (London: Sage 1997) and Chechnya: Life in a War-Torn Society (Berkeley: UCP 2004). He has conducted extensive field research on North American indigenous communities and research in the areas of ethnic conflicts in the former Soviet Union, especially in Caucasus and Central Asia. Prof. Tishkov is a founder and Director of the Network for Ethnic Monitoring and Early Warning and a founder of The Fund for Humanitarian Assistance to the Chechen Republic.

ASSOCIATE PROFESSOR SHIRLENA HUANG

Shirlena Huang is the current Chair of the IGU Gender and Geography Commission. She will be delivering her collaboratively authored lecture on behalf of the Gender and Geography Commission, which was awarded the IGU Award for Best Commission in 2015. The lecture is prepared by Shirlena Huang, Janet Momsen, Janice Monk, Maria Dolors Garcia Ramon and Joos DroogeleverFortuin.

Shirlena Huang is Associate Professor of Geography and Vice-Dean (Graduate Studies) at the Faculty of Arts and Social Sciences, National University of Singapore. Her research focuses mainly on issues at the intersection of gender and migration, with a particular focus on care labour migration and transnational families within the Asia-Pacific region, as well as urbanisation and heritage conservation (particularly in Singapore). She sits on the editorial boards of International Journal of Population Research, Singapore Journal of Tropical Geography, Sojourn and Women’s Studies International Forum, as well as the book series Asian Cultural Studies: Transnational and Dialogic Approaches (by Rowman & Littlefield).
PROFESSOR GORDON MCBEAN

Gordon McBean is President of the International Council for Science (ICSU). He is also a Professor in the Departments of Geography, Political Science and Physics at Western University and Co-Director of the Centre for Environment and Sustainability. He has served as Chair of the International Science Committee for the ICSU-ISSC-UNISDR Integrated Research on Disaster Risk Program; President of Global Environmental Change START International for building research capacity on addressing environmental stresses; and Convening Lead Author for the IPCC Special Report on Climate Extremes. From 1994-2000, he was Assistant Deputy Minister for the Meteorological Service of Environment Canada. He is a Member of the Order of Canada and the Order of Ontario. Dr. McBean shared in the awarding of the 2007 Nobel Peace Prize to the IPCC. He has also received the Patterson Medal for distinguished contributions to meteorology by a Canadian. He is a Fellow of the Royal Society of Canada, the American Meteorological Society, Royal Canadian Geographical Society and the Canadian Meteorological and Oceanographic Society.

PROFESSOR JOHN O’LOUGHLIN

John O’Loughlin is a Distinguished Professor of Geography and Faculty Research Associate in the Institutions Program and the Institute of Behavioral Science at the University of Colorado. His research centers on spatial analysis of conflict, including its relationships with environmental change in Africa, as well as political geography of the former Soviet Union — from Russian and Ukrainian geopolitics to Eurasian de facto-states and ethno-territorial nationalisms. Dr. O’Loughlin has also published on the diffusion of democracy and the electoral geography of Nazi Germany. He is editor-in-chief of Political Geography since 1981 and also Editor-in-Chief of Eurasian Geography and Economics. He also serves on the National Geographic Society’s Committee on Research and Exploration. He received his Ph.D. in Geography from Pennsylvania State University (USA).

PROFESSOR VLADIMIR KOLOSOV

Dr. Vladimir Kolosov heads the Laboratory of Geopolitical Studies at the Russian Academy of Sciences Institute of Geography along with the Lomonosov Moscow State University Geography of World Economy Department. In addition to his academic responsibilities, he serves as President of the International Geographical Union and Vice President of the Russian Geographical Society. Professor Kolosov’s research integrates political, social and urban geography from local to global scales. His approximately 350 publications include 120 papers published outside Russia, 6 individual monographs and 11 edited books. He has been principal investigator or director of the Russian component for 30 research projects, with funding from sources such as the European Commission Framework Programmes, the Centre National de la Recherche Scientifique (CNRS), the National Science Foundation (NSF), the Fondazione Giovanni Agnelli and the Open Society Institute. Dr. Kolosov has been a visiting professor at universities in Finland, France, Spain and the United Kingdom. He has supervised dissertations in Russia and abroad. His many international distinctions include membership in the Société de Géographie (France), a honorary doctorate from the Université du Havre and scholarships from the Region of Brussels, International Boundaries Research Unit (UK), Fulbright Foundation, etc.
PROFESSOR TAKASHI YAMAZAKI

Takashi Yamazaki is a professor of Geography at Osaka City University, Japan. He received his Ph.D in political geography from University of Colorado at Boulder. His current research interest concerns the (de)militarization of Okinawa and critical geopolitics of Japanese foreign policy. His publications include «Space, Place, and Politics: Towards a Geography of Politics» (Nakanishiya, 2013 in Japanese) and «The US militarization of a 'host' civilian society: the case of post-war Okinawa, Japan» in S. Kirsch and C. Flint eds. «Reconstructing Conflict: Integrating War and Post-War Geographies» (Ashgate, 2011).

DR. KARL DONERT

Karl Donert is a consultant and education specialist. He is Director of the European Centre of Excellence, digital-earth.eu, based at Salzburg University, Austria and Director of Innovative Learning Network. He is President of EUROGEO (the European Association of Geographers), a UK National Teaching Fellow who worked at Liverpool Hope University. He is Adjunct Professor at the University of Salzburg and was coordinator of the HERODOT Network for Geography in higher education. Current projects include the digital-earth.eu and School on the Cloud networks. He is Vice President of the Democracy, Social Cohesion and Global Challenges group at the Council of Europe, an expert to the European Commission in Brussels, an elected member of AcademeaEuropea, and former Hon. Vice President of the Geographical Association. He researches and publishes widely on many aspects of geographical education, citizenship, the use of geo-media and new technologies and on the state of geography in Europe.
PROFESSOR MELINDA LAITURI
Dr. Melinda Laituri is a professor of geography in the Department of Ecosystem Science and Sustainability at Colorado State University. She is the Director of the Geospatial Centroid at CSU. Professor Laituri received her PhD from the University of Arizona in 1993. She is a Fulbright Scholar to Botswana at the Center for Scientific Research, Indigenous Knowledge, and Innovation, University of Botswana. She is Rachel Carson Fellow for Environment and Society at the Ludwig Maximilian University, Munich. Professor Laituri is a former National Science Foundation program officer in Geography and Spatial Sciences. She is currently a Jefferson Science Fellow working at the State Department in the Humanitarian Information Unit. Dr. Laituri is the Director of the Geospatial Centroid @ CSU (gis.colostate.edu) that provides information and support for GIS activities, education, and outreach at CSU and in Colorado. Dr. Laituri’s research interests are diverse. She has worked with indigenous peoples throughout the world on issues related to natural resource management, disaster adaptation, and water resource issues using geographic information systems (GIS) that utilize cultural and eco-physical data in research models. A key focus is participatory GIS where indigenous peoples develop spatial information and maps essential for their management of their own resources. Other research work focuses on the role of the Internet and geospatial technologies of disaster management and cross-cultural environmental histories of river basin management.

DR. LEE SCHWARTZ
As Geographer of the United States, Lee Schwartz holds the position of the Director of the Office of The Geographer and Global Issues in the State Department’s Bureau of Intelligence and Research. Schwartz is the State Department’s 8th Geographer, a position that was established in 1921 and bears the statutory responsibility for providing guidance to all federal agencies on questions of international boundaries and sovereignty claims. He also oversees the Humanitarian Information Unit – a U.S. government interagency organization focused on unclassified data coordination for emergency preparedness, response, and mitigation. Dr. Schwartz earned his Ph.D. in geography from Columbia University and, prior to joining the Office of the Geographer, was a member of the faculty of The American University’s School of International Service. At the Department of State, he has directed research and analysis on global issues primarily related to complex humanitarian emergencies and has coordinated related fieldwork and applied geography projects overseas, in particular in the Balkans, Central Asia, Russia, Afghanistan, Iraq, Sudan, the Horn of Africa, and Haiti. His work has focused on ethnic conflict, refugee flows, peacekeeping operations, strategic warning, and conflict mitigation and response—with an emphasis on Geographic Information Systems (GIS), Remote Sensing information coordination, and Participatory Mapping applications. Lee was the State Department’s 2005 winner of the Warren Christopher Award for Outstanding Achievement in Global Affairs, the 2012 recipient of the Association of American Geographers’ Anderson Medal of Honor in Applied Geography, and in 2014 was awarded the James Cullum Medal from the American Geographical Society in recognition of his distinguished service to the profession of geography.

DR. CHRISTOPHER K. TUCKER
Christopher K. Tucker is the creator of MapStory.org, the atlas of change that everyone can edit. MapStory, as a companion to Wikipedia, is a new dimension to the global data commons that empowers a global user community that empowers people to organize and share their knowledge about the world spatially and temporally. Beyond being Chairman of the Board of Trustees of the MapStory Foundation, Chris is a Councillor of the American Geographical Society, sits on the Board of the Open Geospatial Consortium, the Board of the US Geospatial Intelligence Foundation, and has served on the National Geospatial Advisory Committee for the US Secretary of Interior. In a previous life, Chris was the CEO of a geospatial technology firm from startup to acquisition by ERDAS, where he served as SVP for the Americas and National Programs. Chris has his BA, MA and PhD from Columbia University.
PROFESSOR ALEXANDER PELYASOV

Professor Alexander Pelyasov is the head of Center for the Arctic and Northern economies under the Council for the Study of Productive Forces (SOPS). He is the chairman of the Russian section of the ERSA (European Regional Science Association). His scientific interests embrace Northern economic development, innovative modernization of Russian cities and regions, EU experience of spatial development and regional policy. He is the author of more than 175 scientific, including 20 monographs.

DR. NADEZHDA ZAMYATINA

Dr. Nadezhda Zamyatina is the Leading Researcher at Lomonosov Moscow State University, the Faculty of Geography. She is also the expert in municipal and region strategic planning projects (mostly in Russian Arctic zone), a researcher in the Center for the Arctic and Northern economies under the Council for the Study of Productive Forces (SOPS), a lecturer in the Moscow school of social and economic sciences – «Shaninka» (the course of city branding). Nadezhda Zamyatina is the author of more than 120 scientific publications in the fields of regional development, territorial structures, cultural, cognitive and institutional geography, migrations and social capital – with a special emphasis to frontier zones.

PROFESSOR COSIMO PALAGIANO

Since 2011 Cosimo PALAGIANO is professor emeritus of the University of Rome La Sapienza. He also is corresponding member of the Academy of Arcadia, of the AccademiaNazionaleDeiLincei, of the Istituti di Studi Romani. In 2011 he was appointed Chair of the IGU Commission / ICA Working Group on Toponymy. Professor Cosimo PALAGIANO is the author of numerous studies of physical geography (karst and volcanic, climatology), human geography (urban settlement, cultural heritage), of historical geography and history of cartography and economic geography (trade and industry). Professor Palagiano actively collaborates with public and private institutions especially in the field of cartography and GIS (Geographic Information Systems), with Telespazio, Esri, the Presidency of the Council of Ministers, European Space Agency, CIGA (Centre of Aeronautical Information Geo-topografiche), Province of Rome, etc. He is part of the Editorial Board of the journal «Geography, Environment, Sustainability» published by the Russian Geographical Society and the magazine «Espacio y tiempo» of the Faculty of Educational Sciences of the University of Seville.

PROFESSOR CÉLINE ROZENBLAT

Céline ROZENBLAT is a professor at UNIVERSITY OF LAUSANNE, Institute of Geography and Sustainability - Faculty of Geoscience and Chair of the Urban Geography Commission of the International Geographical Union.
PROFESSOR BRAD COOMBES

Brad Coombes (Kati Mamoe, Ngati Kahungunu) lectures in Geography and Environmental Management at the School of Environment, The University of Auckland. His research explores the intersections amongst Indigenous rights, environmental justice, natural resource management and community action, and he has long been involved as a researcher in the claims settlement process of New Zealand’s Waitangi Tribunal. Brad is Director of TeWhare Kura: Indigenous Knowledges Peoples and Identities – a Thematic Research Initiative of The University of Auckland which brings together 185 of its Maori and Pacific staff in collaborative research projects. Since 2010, he has also been Chair of the Indigenous Knowledges Peoples and Rights Commission of the International Geographical Union.

PROFESSOR ELENA DELL’AGNESE

Elena dell’Agnese teaches political geography and cultural geography at the University of Milano-Bicocca, where she is also Director of the Centre of Visual Research. Her work has been mainly focused on developing a large spectrum approach toward “peripheral geographies”. For this reason, she is interested in any form of, apparently innocent, “geographical representation”, from movies to television drama, cartoons and popular music, with a specific attentions towards political, gender and race issues. Recently, she has started working on a more-than-representational approach to border landscapes. She has been publishing extensively on these topics, mostly in Italian, but also in English, French, Spanish, Bosnian and Croatian. Elena dell’Agnese is Council Member of the Società Geografica Italiana and Chair of the Association of Italian Geographers Study Group on “Media and Geography”. After chairing the IGU Commission on Political Geography from 2012 to 2014, she is now Vice-President of the IGU.
## PLAN OF THE DAY “IGU FOR SCHOOL, SCHOOL FOR IGU”

**Date:** 20 August 2015  
**Tentative time:** 9:30 – 17:30

### SPECIAL EVENTS

<table>
<thead>
<tr>
<th>Time</th>
<th>Room</th>
<th>Theme</th>
<th>Chairpersons</th>
<th>Participants</th>
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<tbody>
<tr>
<td>9:30-11:00</td>
<td>C621</td>
<td>New technologies in school geographical education (master-class in Russian)</td>
<td>Alexander Lobzhanidze</td>
<td>Geography teachers from Moscow</td>
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<tr>
<td>9:30-11:00</td>
<td>C233</td>
<td>Business meeting of the IGU Commission on Geographical Education (meeting in English)</td>
<td>John Lidstone, Joop van der Schee, Clare Brooks</td>
<td>All who are interested in geography education</td>
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<td>11:00-11:30</td>
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<td>Coffee break</td>
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<td>11:30-13:00</td>
<td>C621</td>
<td>Russian experience of teaching geography at school</td>
<td>Alexander Lobzhanidze, Joop van der Schee</td>
<td>Members of CGE, other foreign participants, geography teachers from Moscow</td>
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<td>Presentations:</td>
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<td>M. Smirnova, Shaping geographical knowledge and the main skills in primary school</td>
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<td>V. Liozner, Realisation of the system-activity approach at secondary school</td>
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<td>I. Kolechkin, Forming the heuristic interest to the study of geography in the framework of the RGS project “Lessons of Geography” (with the demonstration of movies in English)</td>
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<td>V. Barabanov, Evaluation of knowledge and skills in geography at the final test</td>
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<td>13.00-14.00</td>
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<td>Lunch</td>
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<tr>
<td>14:00-15:30</td>
<td>C621</td>
<td>Geographical education for life. The need for a well-prepared professional body of knowledge</td>
<td>Alexander Lobzhanidze, Joop van der Schee</td>
<td>Alexander Lobzhanidze, Joop van der Schee</td>
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<td>Presentations:</td>
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<td>G. Nizharadze, The use of GIS technologies in Russian school</td>
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<td>M. Solem, Research projects at school</td>
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<td>K. Donert, Creating Powerful Geography: a toolkit for spatial learning</td>
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<td>C. Brooks, international differences in thinking geographically and why it matters</td>
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<td>15:30-16.00</td>
<td></td>
<td>Coffee break</td>
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<tr>
<td>16.00-17.30</td>
<td>C621</td>
<td>Interactive round table debate about geography education chaired by Karl Donert, John Lidstone and Joop van der Schee</td>
<td>Vladimir Kolossov, Karl Donert, Henk Ottens, Alexander Lobzhanidze, John Lidstone and Joop van der Schee</td>
<td>Members of CGE, other foreign participants, geography teachers from Moscow</td>
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<tr>
<td>Time</td>
<td>C225</td>
<td>C229</td>
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<td>Young Scientist Corner</td>
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<td>14:00-15:00</td>
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<td>Young Scientist Corner</td>
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<td>Speed Presenting. Participants’ presentations</td>
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<td>Speed Presenting. Participants’ presentations</td>
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<td>18:00 - 23:00</td>
<td>Icebreaker for Young Scientists (Geocafe)</td>
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<td><strong>WEDNESDAY, 19 AUG.</strong></td>
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<td>Master Class: Fundraising and writing proposals</td>
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<td>Young Scientist Corner</td>
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<td>16:00-17:30</td>
<td>Workshop: Improving your presentation skills: a video-training workshop for young geographers 1 Joop van der Schee</td>
<td>Workshop: Improving your presentation skills: a video-training workshop for young geographers 2 Joos Droogleever Fortuijn</td>
<td>Young Scientist Corner</td>
<td>Workshop: How to organize your research</td>
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<td>09:30-11:00</td>
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<td>Young Scientist Corner</td>
<td>Young Researcher Network of the IGU Commission on Health and the Environment</td>
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<td>17:00-18:30</td>
<td>Commissions and special sessions</td>
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<td>Young Scientist Corner</td>
<td>Culture and Geoheritages, Both Recorder of the Global Change along the Silk Road for Future Sustainable Development</td>
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<td>15:30-16:00</td>
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<td>Workshop: Improving your presentation skills: a video-training workshop for young geographers 3 Joos Droogleever Fortuijn</td>
<td>Young Scientist Corner</td>
<td>The Role of young researchers' networks in shaping the future of geographical sciences</td>
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<td>Closing ceremony</td>
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INTERNATIONAL SCIENTIFIC COOPERATION IN THE ARCTIC AS THE BASIS OF SUSTAINABLE DEVELOPMENT OF THE REGION

CHAIRPERSON(S): Maria Ananicheva, Alexander Klepikov Date: 20 August 2015

The observed changes in sea ice of the Arctic Ocean, in the thickness of Greenland ice sheet, ice caps and glaciers, in the Arctic permafrost and snow cover over the past ten years are dramatic. Determining the response of the cryosphere to climate change poses different challenges to scientists and requires both long-term data series and very frequent observations. Mitigation of global climate change may take decades. Therefore, local communities and businesses, as well as commercial companies with interests in the Arctic will have to adapt to changes in the cryosphere and climate. What should be done to adapt to these changes, and what information it requires in order to understand how the Arctic would change in the future are crucial issues at the present moment. It is clear that adaptation will require decision-making by governments, local authorities and international organizations. Also the investments into infrastructure of the Arctic should to be increased. Studies are needed to predict what changes would be in living conditions, and to evaluate possible adaptation options. This will require efforts by the international scientific community, as well as stake holders.

OBJECTIVES OF THE ROUND TABLE:
- Discussion of the scientific aspects of change in the Arctic
- The need to adapt to changes for Arctic communities, businesses, residents of Arctic cities and towns
- Discussion of international cooperation aspects of study of changes in the Arctic and concrete steps to adapt to
- Development of the Resolution of the Round Table, a document that will be reflected in the outcome of the International Geographic Conference of the IGU in Moscow

Topics of discussion:
1) «Climate change research in the Arctic: the role of international cooperation and exchange of knowledge»
2) «Need in coordination of efforts to develop mechanisms for adapting to changes in the Arctic»
3) «Comprehensive study of the Arctic - the basis of sustainable development of the region»

RUSSIA-CANADA/QUEBEC: 100 MIRRORS

CHAIRPERSON(S): Anastasia Lomakina, Etienne Berthold

Russia and Canada share much in common, not only in terms of landscapes and wide spaces but also from the point of view of history, settlement, peoples and cultures. The resemblance of geographical characteristics causes the mutual scientific interest by researchers in both countries. Over the years, Russia has been a field of interest for many canadian geographers and geomorphologists as well as anthropologists, historians, sociologists, etc. In return, canadian and quebec studies have flourished in Russia from the works of many institutes and research centers.

The current session aims to present and discuss recent researches on Russia and Canada in comparative perspectives on a variety of fields: physical geography and geomorphology, economics, tourism, transportation, cultures, heritage and toponomy. The speakers will present their conclusions about similarity or dissimilitude of Canada and Russia.

At the same time, it aims to investigate some of the theoretical and methodological issues related to the comparative approach itself, namely those related to determinism.

SPEAKERS:
1. Dr. Henri DORION, retired professor, and Kim PAWLIW, graduate student, Department of Geography, University Laval (Quebec, Canada). Topic: «Russia and Quebec/Canada : a few reflections on the comparative perspectives»
2. Dr. Ekaterina V. ISAEVA, professor, Center Moscow-Quebec, Russian State University for the Humanities. Topic: «Russia and Quebec/Canada : cultures and toponymy in comparative perspectives»
3. Dr. Anastasia LOMAKINA, associate professor, Center Moscow-Quebec, Russian State University for the Humanities. Topic: «Russia and Quebec/Canada : economics and transportation in comparative perspectives»
4. Dr. Etienne Berthold, assistant professor, and Dr. Laurent Bourdeau, Professor, Department of Geography, University Laval (Quebec, Canada). Topic: «Russia and Quebec/Canada : Heritages and tourism in comparative perspectives»
NATURAL RESOURCE MANAGEMENT IN DRYLANDS: PROBLEMS OF CLIMATE CHANGE ADAPTATION AND ACHIEVING LAND DEGRADATION NEUTRALITY

CHAIRPERSON(S): German Kust, Tatiana Koudorina

Arid landscapes are known to be among the most vulnerable to modern anthropogenic impacts and climate change. At the same time, drylands are among the most populous areas in the world due to the high potential of biological productivity of their ecosystems. The emulation for scarce natural resources in arid regions (primarily for water and productive land) often provokes local and regional conflicts, increase of poverty, health and food issues. Despite the efforts of the international community, including those related to the implementation of the UN Convention to Combat Desertification, the solution of these problems is still far from perfect, and their intensity does not decrease with time. The challenge of achieving land degradation neutral world is among the most important Sustainable Developments Goals (SDG) in the post-2015 agenda.

How to achieve a land degradation neutrality in different socio-economic, political, and natural environmental conditions, in communities with different cultural and economic traditions, at different levels of development? What can serve as indicators for land degradation neutrality? Can the concept of land degradation neutrality be used for climate change adaptation, particularly in the vulnerable arid regions? How to reduce the actual and potential conflicts related to the lack of soil and water resources? How the SLM (sustainable land management) approach can help to solve these problems. These and corresponding will be discussed at this session, considering theoretical and practical aspects of researches and project activities. The session will try to assess the level of existing scientific and traditional knowledge needed to solve these problems and outline directions for further urgent and long-term actions.

IMPROVING YOUR PRESENTATION SKILLS: A VIDEO-TRAINING WORKSHOP FOR YOUNG GEOGRAPHERS

CHAIRPERSON(S): Joos Droogleever Fortuijn, Joop van der Schee

Stimulating young academic geographers to engage in IGU activities is a priority of the IGU Executive Committee in 2012-2016. Many young academic geographers are employed mainly or exclusively in teaching geography. The IGU is supporting early career geographers in developing their skills in academic teaching.

The aim of this video workshop is to improve the presentation skills and to broaden the repertoire of presentation techniques of early career geographers. Each participant of the workshop will give a mini lecture of 10 minutes. The mini lecture will be videotaped and evaluated by a senior member of IGU with a focus on content, structure, verbal presentation, non-verbal behavior and visualization (Powerpoint or other visualization techniques).

GEOHERITAGES, A RECORDER OF THE GLOBAL CHANGE ALONG THE SILK ROAD FOR FUTURE SUSTAINABLE DEVELOPMENT

CHAIRPERSON(S): Meng WANG

Silk Road, a series of routes that extend across the Eurasian continent and connect a vast area of land including Russia, Mongolia, Turkey, Iran and the Balkan Peninsula. On one hand the Silk Road is a significant traffic hub between the Asian and Europe continents; moreover it covers areas that are rich in natural resources such as petroleum, natural gas and other minerals. Not only the Silk Road fulfills the mission of providing physical routes with its abundant resources that enhance communication both economically and culturally, but more importantly along the Silk Road there are numerous of natural & culture heritages and geological wonders, for instance the Turpan Basin, the Tianshan mountains, the Pamirs, deserts and lakes. However, the Silk Road has an uncoordinated relationship between the advantages of having rich natural resources with huge future development potential and the relatively weak economical foundation in the majority of the areas, such unbalanced situation has become one of the main factors in the areas of political instability.

The Silk Road plays a significant role in cultural transmission history; it has become a popular research topic in international studies, especially in regards to its earth science researches. The cooperation and co-development of the Silk Road in various aspects including Earth science, mineral resource economy, have been highly emphasized with vital significance and international prospective.

In the past, we did a lot of research about the history heritage in this regions but not Geoheritage, which is also very important and development. The Geoheritage and Culture Heritage, both become one kind of recorder of the whole development of Silk Road from past until now. How it play the rule for the future development? And what it the Global Change impacted on them? And how we could develop the geoheritage and culture heritage for the local future sustainable development with the better protection?

We may want to have the discussing in this session to explore the Geohritage along the silk road, and we may also invite the good plan around the nearby area to find the better way to carry out here.

It the session about the development of Silk Road from the history, Geoheritage and Global change, education and local development in the future.
IGU AND AFRICAN COUNTRIES: WHICH WAY TO PURSUE? / L’UGI ET LES PAYS DE L’AFRIQUE: QUEL CHEMIN À POURSUIVRE?

CHAIRPERSON(S): Mike MEADOWS, Dietrich SOYEZ

The intention with this business meeting is to create a platform of discussion and exchange for the conference’s African delegates. The long-term aim is to contribute to a more systematic cooperation between IGU and African geographic communities, not least in view of IGU’s recent regionalisation strategies with meetings, workshops etc. in regions where IGU’s visibility traditionally has been low.

Format: Short contributions by representatives of the IGU EC and African countries (details to be given later), followed by an open floor discussion. The session is a follow-up of a comparable initiative at IGC 2012 Cologne.

Cette réunion se propose de créer une plateforme de discussion et d’échange avec les participants du congrès venant d’Afrique.

Pour améliorer sa visibilité, l’UGI a mis récemment au point une stratégie visant à régionaliser plus nettement ses activités. Elle vise ainsi, à long terme, à instaurer une coopération plus systématique avec les communautés géographiques africaines en organisant sur place des réunions et des colloques.

Le format sera celui d’une rencontre-débat avec de brèves interventions de membres du Comité exécutif de l’UGI et de représentants de pays africains (les détails seront donnés ultérieurement). Une session de ce type a eu lieu pour la première fois lors du CiG de Cologne en 2012.

BUSINESS MEETING OF THE IGU EXECUTIVE COMMITTEE WITH DELEGATES

IGU and Latin American countries: Which way to pursue? / L’UGI et les pays d’Amérique Latine: quelle chemin à poursuivre?

CHAIRPERSON(S): Mike MEADOWS, Dietrich SOYEZ

The intention with this business meeting is to create a platform of discussion and exchange for the conference’s Latin American delegates. The long-term aim is to contribute to a more systematic cooperation between IGU and Latin American geographic communities, not least in view of of IGU’s recent regionalisation strategies with meetings, workshops etc. in regions where IGU’s visibility traditionally has been low.

Format: Short contributions by representatives of the IGU EC and Latin American countries (details to be given later), followed by an open floor discussion. The session is a follow-up of a comparable initiative for African countries at IGC 2012 Cologne and parallels the comparative session for African countries at the Moscow conference.

Cette réunion se propose de créer une plateforme de discussion et d’échange avec les participants du congrès venant d’Amérique latine.

Pour améliorer sa visibilité, l’UGI a mis récemment au point une stratégie visant à régionaliser plus nettement ses activités. Elle vise ainsi, à long terme, à instaurer une coopération plus systématique avec les communautés géographiques africaines en organisant sur place des réunions et des colloques.

Le format sera celui d’une rencontre-débat avec de brèves interventions de membres du Comité exécutif de l’UGI et de représentants de pays africains (les détails seront donnés ultérieurement). Une session de ce type a eu lieu pour la première fois lors du CiG de Cologne en 2012.

IGU PROJECT: OUR SUSTAINABLE CITIES

CHAIRPERSON(S): Ton DIETZ

With the new technology development, cities’ sustainable development face new opportunities, including big-data utilizations, knowledge Integrating and Sharing, environmental communication, sustainable design and products, practical cases and their principles, etc.. All of these new requirements are worthy to be explored into new theory framework in sustainable studies. This session will focus on a practical system named OURSUS project with two portal websites, oursus.org in English and oursus.org.cn in Chinese. Through deep discussion, the structure of the system, the work mechanism of operation and the future development, especially in face to 2016 Beijing conference publication.
ОТВЕТСВЕННОСТЬ
БЫТЬ ЛИДЕРОМ
SIDE-EVENTS (SOCIAL PROGRAM)

The special room for social program (side-events) will be located at Building C (C307). The program will contain presentations of various geographical enterprises and institutions, conference partners and exhibitors, as far as geographical documentary.

TUESDAY, 18 AUG.
13:30 FUNDING OPPORTUNITIES IN HIGHER EDUCATION. ALL SECTORS
Presented by Ekaterina M. Ostrovskaya, project manager US-Russia University Partnership Program (UPP)

13:45 SATELLITE MONITORING IN BEHALF OF GOVERNMENTAL AUTHORITIES AND BUSINESS
Presented by Mikhail V. Zimin, Director of thematic projects department, PhD, SCANEX

14:10 Documentary « PRECIOUS NECKLACE OF BAIKAL» (43 min) («Atlasmedia», The UNDP-GEF Project «Integrated Natural Resource Management in the Baikal Basin Transboundary Ecosystem», the Fund for Protection of Lake Baikal, Russia)
Presented by the Producer Sergey Kudelya, the UNDP-GEF Project «Integrated Natural Resource Management in the Baikal Basin Transboundary Ecosystem»

15:00 Documentary « VERNADSKY NEW AGE» (59 min) Produced by SPARK FILMS with the financial support of RUSSIAN GEOGRAPHICAL SOCIETY. (Directed by Julia Kolesnik, Alexey E.Shutov)

WEDNESDAY, 19 AUG.
13:30 Presentation of Institute of Environmental Survey, Planning & Assessment, CSJC

13:45 Documentary “FRANZ JOSEF LAND” (30 min) (National Geographic, USA)Presented by the executive Producer Enric Sala, National Geographic explorer in residence

14:30 LAKE BAIKAL PROTECTION FUND: SEVEN YEARS OF EFFECTIVE ENVIRONMENTAL INITIATIVES
Presented by Olga Yasnopoltskaya, PR-manager, the Fund for Protection of Lake Baikal

14:40 Documentary «BAIKAL WITHOUT BOUNDARIES» (39 min) («Atlasmedia», The UNDP-GEF Project «Integrated Natural Resource Management in the Baikal Basin Transboundary Ecosystem», the Fund for Protection of Lake Baikal, Russia)
Presented by the Producer Sergey Kudelya, The UNDP-GEF Project «Integrated Natural Resource Management in the Baikal Basin Transboundary Ecosystem»

15:30 Documentary «ALASKA: THE MYSTERY OF THE COPPER RIVER» (38min)INNOKO FILMS STUDIO, Ryazan, Russia (Produced by Mihkail G. Malakhov)

THURSDAY, 20 AUG.
14:00 Documentary « VERNADSKY NEW AGE» (59 min)
Produced by SPARK FILMS with the financial support of RUSSIAN GEOGRAPHICAL SOCIETY (Directed by Julia Kolesnik, Alexey E.Shutov)

15:10 Documentary «EAST CHUKOTKA NOMADS» (53 min) Produced by Vladimir Puya

16:10 Documentary «TO THE DEPTH OF BAIKAL» (26 min) production studio «Media Group» (Directed by Alexander Kanevich)

16:40 Book by Mirela Altić, « RUSSIAN CARTOGRAPHY OF MONTENEGRO: NINETEENTH CENTURY CARTOGRAPHERS AND GEOGRAPHERS SERVING DIPLOMACY » Presented by Mirela Altić, Prof., PhD Institute of Social Sciences (Zagreb, Croatia)

17:10 Book by Alexey Postnikov and Marvin Falk «EXPLORING AND MAPPING ALASKA. THE RUSSIAN AMERICA ERA, 1741-1867»Presented by Alexey V. Postnikov, Prof.

FRIDAY, 21 AUG.
13:30 Documentary «BAIKAL WITHOUT BOUNDARIES» (39 min) («Atlasmedia», The UNDP-GEF Project «Integrated Natural Resource Management in the Baikal Basin Transboundary Ecosystem», the Fund for Protection of Lake Baikal, Russia)

14:15 Documentary «PODMOSKOVYE: TERRA INCOGNITA» (57 min) ZNICH STUDIO (Produced and directed by Julia Kolesnik)

15:20 Documentary «ALASKA: THE MYSTERY OF THE COPPER RIVER» (38min)INNOKO FILMS STUDIO, Ryazan, Russia (Produced by Mihkail G. Malakhov)
FIELD TRIPS

1. SANKT-PETERSBURG: VENICE OF THE NORTH, MAGNIFICENT NORTHERN PALMIRA

1 DAY. 22.08.15 (SATURDAY)
Arrival to Saint-Petersburg
Transfer to the hotel without guide.

2 DAY. 23.08.15 (SUNDAY):
09:00 – Meet your guide at the lobby of the hotel.
Departure for a city tour including visit to Peter and Paul Fortress and St. Isaac’s Cathedral.
13:00 – 14:00 Lunch in a local restaurant.
14:30 – 17:00 Excursion to the State Hermitage Museum.
17:00 – Transfer to the hotel.

3 DAY. 24.08.15 (MONDAY):
Glorious Country Residences of Russian Emperors
09:00 – Meet your guide at the lobby of the hotel.
Departure for excursion to Pushkin.
10:00 – Visit of Catherine’s Palace including the Amber Room.
12:30 – Transfer to the famous restaurant Podvorie
13:00 – 14:30 Lunch.
14:30 - Transfer to Peterhof.
During the transfer – Suburbanization and its peculiarities in St. Petersburg agglomeration.
15:30 – 17:30 Excursion to Peterhof Low Park and fountains
17:30 – Transfer to the hotel

4 DAY. 25.08.15 (TUESDAY):
The City in Soviet Days
08:30 – Meet your guide at the lobby of the hotel
09:00 – Visit to the Russian Geographical Society Headquarters
10:00 – 11:00 Museum of Arctic and Antarctic
11:30 – 12:30 Icebreaker Krasin.
13:00 – 14:30 Lunch
Transfer to the railway station
15:10 – Fast day train Sapsan Saint-Petersburg-Moscow

THE FOLLOWING RESEARCH TOPICS WILL BE FACED DURING THE TRIP:
1. Saint Petersburg – Petrograd – Leningrad – Saint Petersburg: changing political, economic and cultural functions over time;
2. Suburbanization in the Saint Petersburg metropolitan area - residential development and redevelopment;
2. KARELIAN MERIDIAN

1 DAY. 25.08.15 (TUESDAY)
08.50 - Meeting the participants at the railway station in Petrozavodsk.
09.00 - Putting the baggage into the luggage office in Park Inn hotel. Breakfast.
10.00 - Loop tour around Petrozavodsk.
10.45 - Visit to the Maritime Historical and Cultural Center ‘Polar Odyssey’, excursion to the wooden shipbuilding yard Variag.
12.00 - Departing to the island of Kizhi by hydrofoil.
13.15 - 17.15 - Sightseeing tour around the island and additional excursion as an option. Lunch.
18.30 - Return to Petrozavodsk. Check-in. Dinner.

2 DAY. 26.08.15 (WEDNESDAY)
08.30 - Breakfast. Start of the countryside programme.
10.00 - 12.00 - Excursion to Kivach Nature Reserve.
12.00 - 14.30 - Visit to Girvas canyon and paleovolcano.
18.30 – 19.30 - Bus transfer to the hotel Gandvik (town Belomorsk).
19.30 - Check-in, dinner.

4 DAY. 28.08.15 (FRIDAY)
08.30 - Breakfast.
10.00 – 12.00 - Departing from Belomorsk to Solovetsky Islands by motor ship Sapphire. One day cruise on the White Sea with a visit to the Big Solovetsky Island.
12.00 - 14.30 - Sightseeing tour on the island and additional excursion as an option.

For more details and scientific content of the excursions please visit http://igu2015.ru/field-trips.
To book the tour during conference days please contact information desk at the registration hall.

DUE TO SMALL NUMBER OF PARTICIPANTS, CANCELLATION OF THE FOLLOWING FIELD TRIPS WAS DONE:

3. BACK TO OLD RUSSIA: THE GOLDEN RING OF ANCIENT CITIES AROUND MOSCOW.
4. SOCHI – THE TOURISTIC TREASURE OF CAUCUSES AND BLACK SEA.
5. KAZAN – CROSSROAD OF CULTURES: THE THIRD CAPITAL OF RUSSIA.
6. SPACE AND DIVERSITY OF MORAINIC TERRAINS AROUND NOVGOROD THE GREAT AND VALDAY LAKE.
7. CRUISE FROM MOSCOW TO SAINT-PETERSBURG.

The cash refund will provide upon request at the registration desk at during the IGU 2015 working days (17-21 August) (Currency: Rubles).
Журнал о путешествиях, приключениях, традициях и обычаях народов мира, истории, культуре, поразительных научных открытиях и изобретениях.

Необычные места Венеции: гондола с книгами, больница-музей, острия с кошками-малисаном.

Мужество от природы: поведение настоящих альфа-самцов в естественных условиях.

Крупная политическая фигура: сон Карла Великого — подарок Харуна ар-Рашида.

Скачай iPad-версию — и получи больше чем просто журнал:
- интерактивная инфографика
- дополнительные фотоматериалы
- интеграция с социальными сетями

www.vokrugsveta.ru
HALF-DAY TRIPS

Free and commercial excursions available during the conference working days
Free of charge excursions:

**CULTURAL AND EDUCATION CENTER ETHNOMIR - AUGUST, 19**

Cultural and Education Center ETHNOMIR is located on the border of the Moscow and the Kaluga regions, occupying 140 hectares in a pristine area with a beautiful landscape. Each ethnic yard represents a certain country and includes ethnic buildings for various purposes - hotels, craft shops, museums, cafes and restaurants, souvenir shops, as well as other facilities bringing across the flavor of traditional life.

**MUSEUM OF EARTH SCIENCES - AUGUST, 18 - 19-20 AT 10 A.M., 12 A.M., 14 A.M.**

Museum of Earth Sciences presents the Earth in all its diversity from its origination to the tectonic death. Museum acts both as an educational center and as a scientific research institution. The excursion enables to visit main building of the University, one of the most magnificent Moscow ‘sky-scrappers’ built in the middle of the XX century.

**MOSCOW TERRITORIAL DEVELOPMENT AND GROWTH LIMITING FACTORS - AUGUST, 18**

During the current excursion you will see the most important sightseeings such as:
- MSU, Leninskie Gory
- Novodevichy Convent
- Christ the Saviour Cathedral, Patriarshy Bridge, «Gold Mile» of Moscow, «Red October»
- Moscow Kremlin
- Kitay-Gorod
- Theatre Square
- Red Square
- Tverskaya Street
- Pushkin Square
- New Arbat Street
- Kutuzovsky Avenue
- Moscow-City
- Triumphal Arch, Poklonnaya Hill War memorial
- Minskaya Street
During the current excursion you will see the most important sightseeings near the Gorky Park such as:

- «Vorobyovy Gory (Sparrow Hills)» observation point
- Luzhniki Metro Bridge and «Vorobyovy Gory» Metro Station
- Natural Reserve «Vorobyovy Gory»
- St. Andrew’s monastery
- The Russian Academy of Science (RAS)
- Neskuchny Garden
- St. Andrews Bridge

GORKY PARK - TYPES OF URBAN RECREATION - AUGUST, 19

KOLOMENSKOYE-DYAKOVO: LANDSCAPE AND EVOLUTION OF NATURE AND SETTLEMENT STRUCTURE FROM THE IRON AGE TO THE PRESENT TIME - AUGUST, 20

During the current excursion you will see the most important sightseeings Kolomenskoe-Dyakovo such as:

- Palace of Tsar Aleksei Mikhailovich, XVII century
- Ancient Dyakovo Settlement
- Dyakovo Village
- Dyakovo Church
- Tsar’s Garden
- Golosov Gully
- Peter the Great’s Log Cabin
- Kolomenskoye Architectural Landmarks

FOR DETAILS AND LIST OF COMMERCIAL HALF-DAY TRIPS PLEASE VISIT HTTP://IGU2015.RU/HALF-DAY-TRIPS

Registration for the excursion is available at the User Menu.at ww.igu2015.ru or at the registration desk at 16-20 Aug

Only 1 of listed free of charge excursions is available for 1 conference participant
The number of participants of each scientific excursion is limited (first come, first served basis).
ICE-BREAKER COCKTAIL PARTY

Date: 17 August 201, Monday, 7-21
Format: buffet
Drinks: wine and Russian vodka
Number of participants: available to all conference participants
Location: conference building A, near registration hall (1st floor)

GALA-DINNER:

Date: Thursday, 20 August 2015
Time: 18:30-21:00
Location: Moscow River cruise boat “Gzhel”
Format: seat-down meal
Number of participants: 400 (first come, first served basis)
Shuttle bus will be provided to the conference participant from the conference Building A.
Moscow River – the river of the capital of Russia, small and rich, tied by concrete banks but still very attractive - the only one in Moscow unloaded “road”.
ТЕЛЕКАНАЛ МОЯ ПЛИНАТА РАСШИРИЯ ГРАНИЦЫ

У ТЕБЯ ПОЯВИЛСЯ УНИКАЛЬНЫЙ ШАНС ЗАЯВИТЬ О СЕБЕ!
ПРМИ УЧАСТИЕ В ПРЕМЕИ НАРЯДУ С ЯРКИМИ ИННОВАЦИОННЫМИ ПРОЕКТАМИ В ОБЛАСТИ ПУТЕШЕСТВИЙ. РАССКАЖИ О СВОЕЙ КРУГОСВЕТКЕ, ПОДЕЛИСЬ ФОТОРЕПОРТАЖЕМ ИЛИ СОВЕТАМИ В ДОРОГУ И ВЫИГРАЙ ГЛАВНЫЙ ПРИЗ!

ЗАЯВКИ ПРИНИМАЮТСЯ С 1 СЕНТЯБРЯ ПО 15 ОКТЯБРЯ
ПОДРОБНОСТИ НА САЙТЕ WWW.MOYA-PLANETA.RU
Building A

Conference hall 10:00-11:45 Opening ceremony

Building B

12:30-14:00
- Climate Variability and Predictability Section 2-1
  - Alex RETEJUM, Vladimir A. SEMENOV

12:00-12:30 Coffee break

12:30-14:00
- C12.15. Geography of Tourism, Leisure and Global Change - Tourism and regional development 1: South African Experiences
  - Dieter K. MULLER

15:00-16:30
- Climate Variability and Predictability Section 2-2
  - Alex RETEJUM, Vladimir A. SEMENOV

16:30-17:00 Coffee break

16:30-17:00
- Vijendra BOKEN, Daria GUSHCHINA

17:00-18:30
- C12.15. Geography of Tourism, Leisure and Global Change - Tourism and regional development 3: Rural issues
  - Dieter K. MULLER

Building C

12:30-14:00
- C12.03 Biogeography and Biodiversity - Biogeography and Conservation of Biodiversity 1
  - Udo SCHICKHOFF, R.B. SINGH

12:30-13:30 Coffee break

15:00-16:30
- C12.03 Biogeography and Biodiversity - Biogeography and Conservation of Biodiversity 2
  - Udo SCHICKHOFF, R.B. SINGH

16:30-17:00 Coffee break

16:30-17:00
- C12.03 Biogeography and Biodiversity - Biogeography and Conservation of Biodiversity 3
  - Udo SCHICKHOFF, R.B. SINGH

17:00-18:30
- C12.03 Biogeography and Biodiversity - Environmental Evolution and Human Activity in the late Quaternary 1
  - Andrei VELICHKO, Tamara YANINA, Taibao YANG

17:00-18:30
- Aral Sea Syndrome - Case Studies and Consequences
  - Christian OPP, Zhanna KUZMINA

A-ly Hall

C225
- C12.03 Biogeography and Biodiversity - Biogeography and Conservation of Biodiversity 1
  - Udo SCHICKHOFF, R.B. SINGH

C229
- C12.06 Cold Region Environments - Cold Regions: Monitoring, Observing, Understanding 1
  - Tatiana VLASOVA, Nancy DOUBLEDAY, Marie-Jeanne Sarah ROYER

C232
- C12.41 Geomorphology and Society 1
  - Jiun-Chuan LIN, Su-Min CHEN

C233
- C12.11 Geographical Education - International links and innovations 1
  - Joop van der SCHEE

C214
- C12.10 Gender and Geography - Gendered Crime and Spaces - An approach in Feminist Geography
  - Sahab DEEN

C235
- C12.12 Geographical Information Science - GIS or Information Systems: the boundary between basic and applied research 1
  - Francis HARVEY, Andrey MEDVEDEV

C215
- C12.14 Geography of the Global Information Society - Information Society and Quality of Life
  - Mark WILSON
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<tr>
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<tr>
<td>12:30-14:00</td>
<td>C12.19 Health and Environment - Health and Environment Change 1</td>
<td>C12.40 Water Sustainability - Hydrological processes and management of stressed water resources 1</td>
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<td>Thomas KRAFFT</td>
<td>Frank WINDE, Maria KIREEVA</td>
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<td></td>
<td>C12.30 Mediterranean Basin IN COOPERATION WITH 7FP Marie Curie IRSES MEDCHANGE 612639 - Ethnicities, mobilities, changing relationships in the Mediterranean in a global reality 1</td>
<td>C12.38 Transport and Geography - Geographical Impacts of Transport and Regional Development 3</td>
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<td>Maria PARADISO, Izhak SCHNELL</td>
<td>Andrew GOETZ, Anastasia LOMAKINA</td>
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<td>C12.28 Local and Regional Development - Local and regional development in the urban space 1</td>
<td>Young Scientist Corner</td>
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<td>Atsushi TAIRA</td>
<td>C12.38 Transport and Geography - Geographical Impacts of Transport and Regional Development 1</td>
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<td>C12.31 Modeling Geographical Systems - Big data Analytics and Spatial Decision Making</td>
<td>C12.38 Transport and Geography - Geographical Impacts of Transport and Regional Development 2</td>
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<td>Yee LEUNG, Manfred M FISHER</td>
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<td>C12.23 Political Geography - Bordering Eurasia: Politics, Power, and Political Geography 1</td>
<td>C12.28 Local and Regional Development - Local and regional development in Russia 1</td>
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<td>Paul RICHARDSON, Akhinaro IWASHITA</td>
<td>Tatyanova BOCKHAREVA</td>
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<td>C12.36 Toponymy jointly with International Cartographic Association - Place-name Study and Geographical Research 1</td>
<td>C12.31 Modeling Geographical Systems - Modeling fluvial and hydrological processes</td>
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<td>Cosimo PALAGIANO, Andrey HERZEN</td>
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<td>C12.24 Population Geography - Geographies of International Student Mobility II: The Roles of Immigration Policies, Universities and Recruitment Agencies 1</td>
<td>C12.01 Applied Geography, C12.28 Local and Regional Development - Applied local and regional development: 2 Spatial Urban Development</td>
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<td>Yvonne RIANO, Darren SMITH</td>
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<td>15:00-16:30</td>
<td>C12.19 Health and Environment - Health and Environment Change 2</td>
<td>C12.30 Mediterranean Basin IN COOPERATION WITH 7FP Marie Curie IRSES MEDCHANGE 612639 - Regionalisation concepts and practices in 'inner seas' as mobile global realities</td>
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<td>Mark ROSENBERG</td>
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<td>C12.28 Local and Regional Development - Local and regional development in the urban space 2</td>
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<td>Michael SOFER</td>
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<td>C12.31 Modeling Geographical Systems - Modeling Regional Growth and Technological Development</td>
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<td>C12.01 Applied Geography, C12.28 Local and Regional Development - Applied local and regional development: 1 Case Studies of Sustainable Development</td>
<td>C12.01 Applied Geography, C12.28 Local and Regional Development - Applied local and regional development: 2 Spatial Urban Development</td>
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<td>Mathematical morphology of landscape and landscape metrics 3</td>
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<td>Cosimo PALAGIANO, Andrey HERZEN</td>
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<td>C12.22 Islands - Island Development and Global Change</td>
<td>Mathematical morphology of landscape and landscape metrics 2</td>
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<td>Maria PARADISO, Alun JONES</td>
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<td>C12.28 Local and Regional Development - Local and regional development in Russia 1</td>
<td>Building A</td>
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**Monday**

Conference hall **19:00-21:00** Ice-bake Cocktail party
## Building B

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<th>Time</th>
<th>Location</th>
<th>Session</th>
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<tr>
<td>9:30-11:00</td>
<td>B210</td>
<td>Climate Variability and Predictability Section 2-4</td>
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<td>Nikolay DRONIN, Trevor FULLER</td>
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<tr>
<td>9:30-11:00</td>
<td>B223</td>
<td>C12.15. Geography of Tourism, Leisure and Global Change - Tourism and regional development 4: Host and guests</td>
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<td>Anne-Marie D’HAUSTERRE</td>
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<tr>
<td>9:30-11:00</td>
<td>B216</td>
<td>C12.39 Urban Commission: Urban Challenges in a Complex World - Creating Sustainability 4</td>
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<td>Celine ROZENBLAT</td>
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<td>9:30-11:00</td>
<td>B204</td>
<td>C12.39 Urban Commission: Urban Challenges in a Complex World - Contested Social Spaces 1</td>
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<td>Celine ROZENBLAT</td>
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<td>14:00-15:30</td>
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<td>14:00-15:30</td>
<td>B223</td>
<td>C12.15. Geography of Tourism, Leisure and Global Change - Tourism and regional development 5: Planning and impacts</td>
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<td>Dieter K. MULLER</td>
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<td>14:00-15:30</td>
<td>B210</td>
<td>Climate Variability and Predictability Section 1-1</td>
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<td>Youmin TANG, Soon-Il AN</td>
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<td>14:00-15:30</td>
<td>B216</td>
<td>C12.39 Urban Commission: Urban Challenges in a Complex World - Creating Sustainability 2</td>
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<td>16:00-17:30</td>
<td>B210</td>
<td>Climate Variability and Predictability Section 1-2</td>
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<td>16:00-17:30</td>
<td>B223</td>
<td>C12.15. Geography of Tourism, Leisure and Global Change - Tourism and regional development 6: Business perspectives</td>
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<td>Anne-Marie D’HAUSTERRE</td>
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<td>16:00-17:30</td>
<td>B216</td>
<td>C12.39 Urban Commission: Urban Challenges in a Complex World - Dilemmas of Aging Cities</td>
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## Building C

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<tr>
<td>9:30-11:00</td>
<td>C225</td>
<td>C12.03 Biogeography and Biodiversity - Biogeography and Conservation of Biodiversity 4</td>
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<td>Udo SCHICKHOFF, Kazuharu MIZUNO</td>
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<td>9:30-11:00</td>
<td>C229</td>
<td>C12.06 Cold Region Environments - Cold Regions: Monitoring, Observing, Understanding 3</td>
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<td>Tatiana VLASOVA, Nancy DOUBLEDAY, Marie-Jeanne Sarah ROYER</td>
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<tr>
<td>9:30-11:00</td>
<td>C232</td>
<td>C12.09 Environmental Evolution - Environment Evolution and Human Activity in the late Quaternary 2</td>
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<td>Andrei VELICHKO, Tamara YANINA, Taibao YANG</td>
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<td>9:30-11:00</td>
<td>C233</td>
<td>C12.11 Geographical Education - Geography teacher education 1</td>
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<td>Joseph STOLTMAN</td>
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<tr>
<td>9:30-11:00</td>
<td>C214</td>
<td>C12.11 Geographical Education - National curricula and international standards 1</td>
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<td>Tine BENEKER</td>
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<td>9:30-11:00</td>
<td>C235</td>
<td>C12.13 Geography of Governance - Governance and development in rural and peripheral environment 1</td>
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<td>Jan BUCEK, Tomasz KACZMAREK</td>
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<td>9:30-11:00</td>
<td>C215</td>
<td>C12.07 Cultural Approach in Geography - Global Sustainability and Global Understanding 1</td>
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<td>C214</td>
<td>C12.12 Geographical Information Science - GIScience and geography education: From learning and discovery to science</td>
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<td>C215</td>
<td>C12.07 Cultural Approach in Geography - Performing places, cultures and nature in different social and geographic settings 2</td>
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<td>13:00-14:30</td>
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<td>Plenary Lecture (Assembly Hall) / Meeting of IGU EC with Commissions’ Chairs, Heads of IGU National Committees, geographical societies and associations (C307)</td>
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<td>Coffee break</td>
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<tr>
<td>14:00-15:30</td>
<td>C229</td>
<td>C12.06 Cold Region Environments - Cold Regions: Monitoring, Observing, Understanding 5</td>
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<td>Tatiana VLASOVA, Nancy DOUBLEDAY, Marie-Jeanne Sarah ROYER</td>
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<td>14:00-15:30</td>
<td>C232</td>
<td>C12.09 Environmental Evolution - Environment Evolution and Human Activity in the late Quaternary 4</td>
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<td>Andrei VELICHKO, Tamara YANINA, Taibao YANG</td>
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<td>14:00-15:30</td>
<td>C233</td>
<td>C12.11 Geographical Education - Geography teacher education 3</td>
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<td>Joseph STOLTMAN</td>
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<td>14:00-15:30</td>
<td>C214</td>
<td>C12.12 Geographical Information Science - GIScience and geography education: From learning and discovery to science 2</td>
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<td>Francis HARVEY, Andrey MEDVEDEV</td>
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<td>14:00-15:30</td>
<td>C235</td>
<td>C12.13 Geography of Governance - Governance, government and development in rural and peripheral environment 3</td>
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<td>Jan BUCEK, Carlos Nunes SILVA</td>
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<td>C12.06 Cold Region Environments - Cold Regions: Monitoring, Observing, Understanding 6</td>
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<td>11:00-13:00</td>
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<tr>
<td>11:30-13:00</td>
<td>C12.19 Health and Environment - Health and Health Care 2 Wuyi WANG C12.30 Mediterranean Basin - BUSINESS MEETING Maria PARADISO C203(B) C12.28 Local and Regional Development - BUSINESS MEETING - Local and regional development in Russia 3 Bella KRASNOYAROVA C12.25 Landscape Analysis and Landscape Planning - Results and Problems of landscapes Planning and Landscape Governance Kirill CHISTYAKOV, Ashot KHOETSYAN C102 Young Scientist Corner C113 Young Scientist Corner SPEED Presenting. Participants' presentations POSTER EXIBITION</td>
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<tr>
<td>13:00-14:00</td>
<td>Lunch</td>
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<td>17:30-19:00</td>
<td>POSTER EXIBITION</td>
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**Time Table for Tuesday:**
- **9:30-11:00:** Sessions on Health and Environment, Mediterranean Basin, Local and Regional Development, Cold Region Environments, and Coastal Erosion.
- **11:00-13:00:** Lunch Break.
- **13:00-14:00:** Sessions on Health and Environment, Mediterranean Basin, Business Meeting, and Free Economic Zone Phenomenon.
- **14:00-15:30:** Sessions on Political Geography, Global Information Society, Urban Challenges, and Water Sustainability.
- **15:30-16:00:** Sessions on Coastal Erosion, Geographical Information Science, Landscape Analysis, and Water Sustainability.
- **16:00-17:30:** Sessions on Gender & Geography, Water Sustainability, Transport and Geography, and Young Scientist Corner.
- **17:30-19:00:** Poster Exhibition.

**Breaks:**
- **11:00-13:00 Coffee break**
- **13:30-14:00 Lunch**
- **15:30-16:00 Coffee break**
### Building B

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>9:30-11:00</td>
<td><strong>Thematic Lecture</strong></td>
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<td></td>
<td><strong>Climate Variability and Predictability</strong></td>
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<td></td>
<td><strong>Transport and Geography</strong></td>
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<tr>
<td>11:00-11:30</td>
<td>Coffee break</td>
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<tr>
<td>11:30-12:45</td>
<td>Lunch</td>
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<tr>
<td>14:00-15:30</td>
<td><strong>Climate Variability and Predictability</strong></td>
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<tr>
<td></td>
<td><strong>Urban Commission: Urban Challenges in a Complex World</strong></td>
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<td><strong>Pan-European Experiment (PEEX) – A Research Initiative Meeting</strong></td>
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<tr>
<td>15:30-16:00</td>
<td>Coffee break</td>
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<tr>
<td>17:30-18:30</td>
<td>Geography of Tourism, Leisure and Global Change - Business Meeting (for all who are interested in geography of tourism)</td>
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### Building C

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<tr>
<th>Time</th>
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<tr>
<td>9:30-11:00</td>
<td><strong>Urban Climate and urban Planning</strong></td>
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<td><strong>Climate Variability and Predictability</strong></td>
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<td>11:00-11:30</td>
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<td>11:30-14:00</td>
<td>Lunch</td>
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<tr>
<td>14:00-15:30</td>
<td><strong>Health and Environment</strong></td>
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<td><strong>Geographical Education</strong></td>
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<td>15:30-16:00</td>
<td>Coffee break</td>
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<tr>
<td>16:00-17:30</td>
<td>Workshop: Improving your presentation skills: a video-training workshop for young geographers 1</td>
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</tbody>
</table>

### Talks and Workshops

- **Transport and Geography**
  - Jan BUCEK, Carlos NUNES SILVA
- **Environment Evolution**
  - Elena NOVENKO, Daniil KOZLOV
- **Geographical Education**
  - Sascha HENNINGER, Martin RUMBERG
- **Climate Variability and Predictability**
  - XiaoJing JIA, Jin-Yi YU
- **Urban Commission: Urban Challenges in a Complex World**
  - Natalia KOLDOBSKAYA
- **Pan-European Experiment (PEEX)**
  - Sergei DOBROLYUBOV
- **Workshop: Improving your presentation skills**
  - Joos Droogleever FORTUIN

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**Thematic Lecture**

- Jie ZHANG
- Sanette FERREIRA
- Dieter K.MULLER

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**Workshop**

- Improving your presentation skills: a video-training workshop for young geographers 1
- Improving your presentation skills: a video-training workshop for young geographers 2

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**City Regions**

- Cities, city regions, governance, and spatial planning

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**Transport and Geography**

- Transport in regions of high latitudes or high altitude
- Transport development in regions of high latitudes or high altitude

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**Geographical Education**

- Geospatial technologies in geographical education 1
- Geospatial technologies in geographical education 2
- Geospatial technologies in geographical education 3

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**Health and Environment**

- Health and Health Care 1
- Health and Health Care 2
- Health and Health Care 3
- Health and Health Care 4

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**Climate Variability and Predictability**

- Landscape dynamics and human impacts during the last millennium 1
- Landscape dynamics and human impacts during the last millennium 2
- Landscape dynamics and human impacts during the last millennium 3
- Landscape dynamics and human impacts during the last millennium 4

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**Urban Commission: Urban Challenges in a Complex World**

- Historical Cities: activities and management through a comparative perspective East/West-North/South 1
- Historical Cities: activities and management through a comparative perspective East/West-North/South 2
- Historical Cities: activities and management through a comparative perspective East/West-North/South 3
- Historical Cities: activities and management through a comparative perspective East/West-North/South 4

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**Pan-European Experiment (PEEX)**

- The Grand Challenges Of The Changing Environment Of The Northern Pan-European Arctic-Boreal Areas 1
- The Grand Challenges Of The Changing Environment Of The Northern Pan-European Arctic-Boreal Areas 2
- The Grand Challenges Of The Changing Environment Of The Northern Pan-European Arctic-Boreal Areas 3
- The Grand Challenges Of The Changing Environment Of The Northern Pan-European Arctic-Boreal Areas 4

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**Urban Planning**

- Technological innovations and creative activities in cities
- Technological innovations and creative activities in cities
- Technological innovations and creative activities in cities

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**Geography of Tourism**

- Geography of Tourism, Leisure and Global Change - Tourism
- Geography of Tourism, Leisure and Global Change - Tourism
- Geography of Tourism, Leisure and Global Change - Tourism

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**Climate Variability and Predictability**

- Geospatial technologies in geographical education 1
- Geospatial technologies in geographical education 2
- Geospatial technologies in geographical education 3
- Geospatial technologies in geographical education 4

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**Urban Planning**

- Urban Planning
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**Urban Planning**

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**Geographical Education**

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**Climate Variability and Predictability**

- Climate Variability and Predictability
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**Urban Planning**

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**Geographical Education**

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<tr>
<td>9:30-11:00</td>
<td>C12.20 History of Geography - Exploring and mapping lands, air and</td>
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<tr>
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<td>waters. Research on the History of Geographical Explorations 1</td>
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<td></td>
<td>Jacobo GARCÍA-ÁLVAREZ, Alexey V. POSTNIKOV</td>
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<td>C12.28 Local and Regional development - Local and regional development</td>
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<td>in the rural space 1 Ksenia MIRONENKO</td>
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<td>11:00-11:30</td>
<td>Coffee break</td>
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<td>C201 Commission on the History of Geography &amp; C12.33 Commission on</td>
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<td>Political Geography - Rethinking what (political) geography ought to</td>
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<td>be: Theories, histories, and practices of geography and geopolitics</td>
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<td>as instruments of peace 1 Takashi YAMAZAKI, Alexey POSTNIKOV</td>
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<tr>
<td>11:30-13:00</td>
<td>Plenary Lecture (Assembly Hall)</td>
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<td>Jacobo GARCÍA-ÁLVAREZ, Alexey V. POSTNIKOV</td>
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<td>C12.28 Local and Regional development - Local and regional development</td>
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<td>in the rural space 2 Shashikant KUMAR</td>
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<td>as instruments of peace 2 Takashi YAMAZAKI, Alexey POSTNIKOV</td>
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<td>16:00-17:30</td>
<td>Special session: IGU Project: Our Sustainable cities</td>
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<td>Urban-rural Transformation in the Euro-Asian Continent 1 Yansui LIU,</td>
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<td>Hans WESTLUND</td>
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<td>Russia and Canada in the Northern Dimension: Economic Development of</td>
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<td>Northern Regions Anastasia LOMAKINA, Tatiana KUZMINA</td>
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<td>C12.26 Land Use and Land Cover Change - Problems and consequences of</td>
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<td>land use/land cover changes: 1 R.B.SINGH, Sergey CHALOV,Daniel</td>
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<td>C12.34 Population Geography - Processes of population change and</td>
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<td>C12.40 Water Sustainability - Modeling, VGE and GIS applications in</td>
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<td>cooperation in the Arctic as the basis of sustainable development of</td>
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<td>the region 2 Maria ANANICHeva, Alexander KLEPIKOV</td>
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<td>Young Scientist Corner</td>
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<td>Master Class: Fundraising and writing proposals</td>
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<td>Special session: Russia-Canada/ Quebec: 100 mirrors</td>
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<td>Etienne BERTHOLD, Anastasia LOMAKINA</td>
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<td>Special session: How to organize your research</td>
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<td>Workshop: How to organize your research</td>
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**Building B**

**9:30-11:00**
- C12.15. Geography of Tourism, Leisure and Global Change - Tourism geographies
  Dieter K.MULLER

**14:00-15:30**
- C12.15. Geography of Tourism, Leisure and Global Change - Tourism geographies
  Dieter K.MULLER

**16:00-17:30**
- C12.15. Geography of Tourism, Leisure and Global Change - Geographies of polar tourism
  Dieter K.MULLER

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**Building C**

**9:30-11:00**
- C12.18 Hazard and Risk - Anthropogenic influence on natural hazards and risks 1
  Sergey A.SOKRATOV

**11:00-11:30**
- Coffee break

**11:30-13:00**
- Plenary Lecture (Assembly Hall)

**13:00-14:00**
- Lunch

**14:00-15:30**
- C12.18 Hazard and Risk - Anthropogenic influence on natural hazards and risks 2
  Sergey A.SOKRATOV

**15:30-16:00**
- Coffee break

**16:00-17:30**
- C12.18 Hazard and Risk - Anthropogenic influence on natural hazards and risks 3
  Sergey A.SOKRATOV

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**THURSDAY 20 AUGUST 2015**

**The 2015 IGU Regional Conference**
**“GEOGRAPHY, CULTURE AND SOCIETY FOR OUR FUTURE EARTH”**

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**11:30-13:00**
- Workshop: Improving your presentation skills: a video-training workshop for young geographers
  Joos Droogleever FORTUIN

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**14:00-15:30**
- C12.09 Environment Evolution: Landscape dynamics and human impacts during the last millennium 6
  Elena NOVENKO,Daniil KOZLOV

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**15:30-16:00**
- Coffee break

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**16:00-17:30**
- C12.11 Geographical Education - National and International assessment
  Lex CHALMERS

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**11:30-13:00**
- Geoparks - Geoparks and Geoheritage 1
  Dongying WEI
### Building B

**9:30-11:00**

**B210** Business meeting of the igu executive committee with delegates
IGU and African countries: Which way to pursue? / L’UGI et les pays de l’Afrique: quel chemin à poursuivre?
Mike MEADOWS, Dietrich SOYEZ

**B223** C12.15. Geography of Tourism, Leisure and Global Change - Urban tourism
Anne-Marie D’HAUSTERRÉ

**B137** Pan-Eurasian Experiment (PEEX) – A Research Initiative Meeting «The Grand Challenges Of The Changing Environment Of The Northern Pan-Eurasian Arctic-Boreal Areas» 7
Tuukka PETÄJÄ, Hanna LAPPALAINEN

**11:30-13:30 Coffee break**

**13:00-14:30 Lunch**

**14:00-15:30**

**B20** Business meeting of the igu executive committee with delegates
IGU and Latin American countries: Which way to pursue? / L’UGI et les pays d’Amérique Latine: quelle chemin à poursuivre?
Mike MEADOWS, Dietrich SOYEZ

**B223** C12.15. Geography of Tourism, Leisure and Global Change - Tourism and crisis
Sanette FERREIRA

**B137** Pan-Eurasian Experiment (PEEX) – A Research Initiative Meeting «The Grand Challenges Of The Changing Environment Of The Northern Pan-Eurasian Arctic-Boreal Areas» 8
Sergey DOBROLYUBOV

**Thematic Lecture**

### Building C

**9:30-11:00**

**C225** C12.10 Gender & Geography & C12.33 Commission on Political Geography - Gender Activisms in Asia: Peoples, Places and Politics
Shirlena HUANG, Chih Yuan WOON

**C229** C12.06 Cold Region Environments & C12.18 Hazard and Risk - Natural hazards and risks in Arctic and cold regions environment 1
Sergey SOKRATOV, Jose NOVOA

**C232** C12.11 Geographical Education - National curricula and international standards 2
Clare BROOKS

**C233** C12.11 Geographical Education - Integrated School discipline and geography 1
Michael SOLEM

**C214** C12.17 Global Change and Human Mobility - People on the move: the perspective of the life cycle and the role of gender
Barbara STANISCIA, Josefina DOMINGUEZ-MUJICA

**C236** C12.18 Hazard and Risk - Anthropogenic influence on natural hazards and risks 4
Sergey SOKRATOV

**C215** C12.23 Karst - Sustainable Development in Karst Environments 1
Elena TROFIMOVA, Hong LIU

**C250** Urban geography of arts: the co-production of arts and cities 1
Pauline GUINARD, Géraldine MOLINA

**C237** C12.09 Environment Evolution: Climate - vegetation interaction under current and future climate change scenarios 3
Alexander OLCHEV

**C203(S)** Cultural Regionalism and Regional Identity 4
Vladimir STRELETSKIY

**C201** Geography Methods for Preservation of Heritage
Yury VEDENIN, Yuri MAZUROV

**C253** Bringing together Selenga-Baikal research 2015
Jerker JARSJÖ, Daniel KARTHE, Ekaterina PROMAKHOVA

**C120** Young Scientist Corner

**POSTER EXIBITION**

### Building A

**Conference hall**

**16:00-18:30**

**Closing ceremony**
телеканал
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МИР ОТКРЫТ

Более 1500 сотрудников в России и за рубежом в режиме реального времени работают над созданием объективной и целостной картины событий, происходящих на планете.
The 2015 IGU Regional Conference
“GEOGRAPHY, CULTURE
AND SOCIETY FOR OUR FUTURE EARTH”

MONDAY
17
AUGUST 2015
12:00-12:30 COFFEE BREAK

B210  12:30-14:00

THEMATIC SESSION:

CLIMATE VARIABILITY AND PREDICTABILITY 2-1
CHAIRPERSON(S): Alex RETEJUM, Vladimir A. SEMENOV

- Snow cover in Russia in changing climate: dynamics, mechanisms and impacts
  V.A. SEMENOV, E.D. BABINA, A.V. BORZENKOVA, E.A. CHERENKOVA, L.M KITAEV, A.YU. MIKHAILOV, P.A. MOROZOVA, V.V. POPOVA, V.S. SOKRATOV, D.V. TURKO, T.B. TITKOVA, V.V. VINOGRAVOVA, A.N. ZOLOTOKRYLIN (Russian Federation)

- Satellite monitoring of the Earth’s radiation balance and mapping the distribution of its components
  Maksim CHERVYAKOV, Alexander KOTUMA (Russian Federation)

- Isotopic Composition Of Precipitation Generated At Particular Atmospheric Circulation Pattern
  Mihael BRENCIČ, Nina KONONOVA, Polona VREČA (Slovenia)

- Temperature Variability and Incidence of Heat Waves in Rayalaseema and Telangana
  S SREEKESH (India)

B223  12:30-14:00

C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - TOURISM AND REGIONAL DEVELOPMENT 1: SOUTH AFRICAN EXPERIENCES
CHAIRPERSON(S): Dieter K.MULLER

- Domestic Youth Tourism In South Africa: The Matric Vac Festival
  Jayne ROGERSON, Devin HARMER (South Africa)

- The Executive Serviced Apartment Sector In South Africa: Evidence From Johannesburg And Cape Town
  Desire Ann GREENBERG (South Africa)

- The Growth And Evolution Of Beer Tourism In South Africa
  Keagan James Edward COLLINS, Christian M. ROGERSON (South Africa)

- Tourism And Regional Development In South Africa: The Role Of Domestic Tourism
  Christian Myles ROGERSON (South Africa)
C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - CREATING SUSTAINABILITY 1

CHAIRPERSON(S): Celine ROZENBLAT

- Site Suitability For Solid Waste Disposal By Using Geoinformatics For Pune City Of Maharashtra, India
  Ravindra G. JAYBHAYE (India)

- Sustainable solutions to urban tribulations – unearthing energy and livelihood from solid waste in ghazipur, delhi, india
  Jag MOHAN, Anjana Mathur JAGMOHAN (India)

- A Spatio-Temporal Analysis Of Urbanization In Panchkula, Haryana(India)
  Rohtas GODARA (India)

- The Spatial Production Of The Uneven Distribution Of Water In Periurban Settlements In Tijuana, Mexico Caused By Power Relations
  Circe BADILLO (Mexico)

B204 12:30-14:00

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - URBAN GOVERNANCE 1

CHAIRPERSON(S): Olga VENDINA

- Green Mobility As The New Glurbanization Branding And Cosmopolitan Icon: The Case Of Taipei U-Bike
  I-CHIH LAN, WEN-I LIN (Taiwan (China))

- Successful Cities – From Marketing And Image To Branding
  Martina HEKLER (Austria)

- Planning For Urban Sustainability: Case Study Of Yamuna Floodplain Development
  Tanaya MALHOTRA, Monika VIJ (India)

- Football Stadiums In Guadalajara, Jalisco: From Identity’s Exploitation To The Spatial Urban Production
  Dante Guillermo Celis GALINDO, Jonathan Montero OROPEZA (Mexico)

- A City And Its River: The Reproduction Of Post-Industrial Chicago’s Urban Political Ecology
  Garrett WOLF (USA)

building C MONDAY, 17 AUG. 12:30-14:00

C225 12:30-14:00

C12.03 BIOGEOGRAPHY AND BIODIVERSITY - BIOGEOGRAPHY AND CONSERVATION OF BIODIVERSITY 1

CHAIRPERSON(S): Udo SCHICKHOFF, R.B. SINGH
- Actual biogeography of Russia: key changes, status and trends of biodiversity
  Arkadiy TISHKOV (Russian Federation)

- Vegetation change after 30 years and damage by deer grazing in alpine meadow of the Southern Japan Alps
  Kazuharu MIZUNO (Japan)

- Invasive terrestrial plant species in romanian protected areas. Key environmental features and spreading pathways
  Monica DUMITRASCU, Ines GRIGORESCU, Gheorghe KUCSICS, Mihai DOROFTEI (Romania)

  Bhanwar Vishvendra Raj SINGH, Anjan SEN (India)

- The Ecological Potential of Baikalian Siberia’s Geosystems
  Igor N. VLADIMIROV (Russian Federation)

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**C229**

12:30-14:00

C 12.06 COLD REGION ENVIRONMENTS - COLD REGIONS: MONITORING, OBSERVING, UNDERSTANDING 1

**CHAIRPERSON(S):** Tatiana VLASOVA, Nancy DOUBLEDAY, Marie-Jeanne Sarah ROYER

- Cold Region Environments observations for prosperity, resilience and sustainability: introduction to the discussion
  Tatiana VLASOVA (Russian Federation), Nancy DOUBLEDAY (Canada)

- Bringing together Naskapi, Inuit and Scientific Observations of Changing Inland and Coastal Ice and Climate Conditions in North-Eastern Canada
  Marie-Jeanne Sarah ROYER, Thora Martina HERRMANN, Oliver SONNENTAG, Alain CUERRIER, Fanny PAYETTE, Michel REPINSKY (United Kingdom)

- Tourism in the Arctic and Antarctic
  Iurii GOLUBCHIKOV, Olga MARKOVA, Vladimir TIKUNOV, Irina TIKUNOVA (Russian Federation)

- Volumetric thermohaline analysis of the Barents Sea waters
  Sergei MUKHAMETOV, Victor ARKHIPKIN (Russian Federation)

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**C232**

12:30-14:00

C12.41 GEOMORPHOLOGY AND SOCIETY 1

**CHAIRPERSON(S):** Jiun-Chuan LIN, Su-Min CHEN

- Analysis Correlation Between Actual Landslide and Landforms Genesis in Sub-Watershed Merawu Banjarnegara Regency
  Gerry UTAMA, Suratman WOROSUPROJO (Indonesia)

- Assessment of Geomorphological Risk in the Republic of Belarus
  Dzmitry KURLOVICH, Vladislav ROMANENKO (Belarus)

- Complex assessment of geomorphological safety of Russia
  Ekaterina EREMENKO, Andrey BREDIKHIN, Sergey BOLYSOV (Russian Federation)
C12.11 GEOGRAPHICAL EDUCATION - INTERNATIONAL LINKS AND INNOVATIONS 1
CHAIRPERSON(S): Joop van der SCHEE

- The Geo Future School
  Joop van der SCHEE (The Netherlands)

- Crowd Collaborative Geography Communities: A New Model in Informal Geography Education
  Osvaldo MUNIZ (United States of America)

- Education and modern challenges: experience of the environmental management department
  Alla PAKINA, Elena GOLUBEVA, Michail SLIPENCHUK (Russian Federation)

C214

C12.10 GENDER AND GEOGRAPHY - GENDERED CRIME AND SPACES: AN APPROACH IN FEMINIST GEOGRAPHY
CHAIRPERSON(S): Sahab DEEN

- Iron from ice? The temporal-spatial analysis of women’s victimization and empowerment in the urban landscape of gendered crime
  Yu-Chieh HSIEH (China)

- Gender and urban ethno-communal conflicts in developing country: Nigeria
  Raimi Abidemi ASIYANBOLA (Nigeria)

- Dowry Death: A Cultured Killing of Women across Space and Society in India
  Sahab DEEN (India)

- ‘Non-consensual sexual experience among Indian ever married women’
  Tapash BISWAS (India)

C235

C12.12 GEOGRAPHICAL INFORMATION SCIENCE - GIS OR INFORMATION SYSTEMS: THE BOUNDARY BETWEEN BASIC AND APPLIED RESEARCH 1
CHAIRPERSON(S): Francis HARVEY, Andrey MEDVEDEV

- Employment of Location-Based Service Technology to Establish An Air Pollution Alert System in Taipei City
  Bor-Wen TSAI, Yu-Feng CHIEN (China)

- Generation and Accuracy Assessment of Digital Elevation Model Using Digital Photogrammetry and Differential Global Positioning System Techniques
  Sachin Shantaram PANHALKAR, Amol P. JARAG (India)
New technologies of creation and use of geoinformation resources in the Earth science
Irina LURIE (Russian Federation)

Spatial database for ecological and geographical mapping of the North Caspian
Alexander KORSHENKO, Ali ALYAUTDINOV, Vadim ALYAUTDINOV, Ludmila USHAKOVA
(Russian Federation)

From “Digital Earth” to Academic SDI: methods and ways of data integration
Andrey MEDVEDEV (Russian Federation)

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C215 12:30-14:00

C 12.14 GEOGRAPHY OF THE GLOBAL INFORMATION SOCIETY - INFORMATION SOCIETY AND QUALITY OF LIFE
CHAIRPERSON(S): Mark WILSON

- An Examination of the Utilization of E-commerce in Business Activities in Remote Islands: Comparison of Ama and Ogasawara in Japan
  Hiroaki KAMMURA, Kenji HASHIMOTO (Japan)

- Assessment of Quality of Life Using GIS and Remote Sensing Techniques: A Case Study on Asyut City, Egypt
  Kenta YAMAMOTO (Japan)

- Software Piracy as a Nation-State Cultural Trait
  Alexander FETISOV (Russian Federation)

- The Characteristics and Information Acquisition Behaviors of Theater Audiences in a Local City: A Case Study of Hiroshima, Japan
  Kenta YAMAMOTO (Japan)

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C250 12:30-14:00

C12.19 HEALTH AND ENVIRONMENT - HEALTH AND ENVIRONMENT CHANGE 1
CHAIRPERSON(S): Thomas KRAFFT

- Investigating the changes of skin lesions of arsenism patients and their impact factors from an endemic arsenism area
  Yang LINSHENG, Gao JIANWEI, Wei BINGGAN, Yu JIANGPING, Xia YAJUAN, Wu KEGONG
  (China)

- ASSESSING HEALTH STATUS IN RELATION TO ECOSYSTEM SERVICES IN THE COASTAL AREAS OF BANGLADESH
  Ali AHMED, Mahin Al NAHIAN, Mofizur RAHMAN, Dilruba BEGUM, Sate AHMAD, P K STREATHFIELD, Helen ADAMS
  (Bangladesh)

- The environmental mechanism on the longevity in China
  Wuyi WANG, Li YONGHUA, Li HAIRONG, Yu JIANGPING, Yang LINSHENG (China)

- Urban Contexts in Healthy Ageing and Demographic Change: The example of Luxembourg
  Bernhard KOEPPEN, Basile CHAIX, Philippe GERBER, Yan KESTENS, Olivier KLEIN, Sylvain KLEIN
  (Luxembourg)
C12.30 MEDITERRANEAN BASIN IN COOPERATION WITH 7FP MARIE CURIE IRSES MEDCHANGE 612639 - ETHNICITIES, MOBILITIES, CHANGING RELATIONSHIPS IN THE MEDITERRANEAN IN A GLOBAL REALITY 1
CHAIRPERSON(S): Maria PARADISO, Izhak SCHNELL

- Israeli Arabs’ segregation versus integration in global spaces
  Izhak SCHNELL (Israel)

- European mobility to Morocco: Italians of Marrakesh
  Maria PARADISO (Italy)

- Oil and Natural Gas Reserves, Energy Strategies and the Eastern Mediterranean: Ongoing Debates and the Regional Security
  Mutlu YILMAZ (Turkey)

C12.28 LOCAL AND REGIONAL DEVELOPMENT - LOCAL AND REGIONAL DEVELOPMENT IN THE URBAN SPACE 1
CHAIRPERSON(S): Atsushi TAIRA

- The directions of the local development of small towns – “Citta slow” in Poland
  Urszula KACZMAREK (Poland)

- Changes in land uses in Arab settlements in Israel: Urbanisation versus the shrinkage of agricultural areas
  Michael SOFER, Noaman GNAIM, Jallal GNAIM (Israel)

- Solar energy. Role and place in the global and regional development
  Varvara AKIMOVA (Russian Federation)

C12.31 MODELING GEOGRAPHICAL SYSTEMS - BIG DATA ANALYTICS AND SPATIAL DECISION MAKING
CHAIRPERSON(S): Yee LEUNG, Manfred M FISHER

- The Classification of Beijing Subway Station Based on IC Card Data
  Bin MENG, Qin YIN, Liying ZHANG (China)

- Interpretation of EO-1 Hyperion hyperspectral satellite images on the basis of ground spectroradiometry data
  A.I.MIKHEEVA, O. C. TUTUBALINA, A. A. DERKACHEVA, A. I. MIKHEEVA (Russian Federation)

- Balance Methods in Export Potential of Latin America Agriculture
  Karina PYRKINA (Russian Federation)
C12.33 POLITICAL GEOGRAPHY - BORDERING EURASIA: POLITICS, POWER, AND POLITICAL GEOGRAPHY 1
CHAIRPERSON(S): Paul RICHARDSON, Akhinaro IWASHITA

- Conceptualising Neighbourhood Beyond European and Eurasian Imaginaries
  James SCOTT (Finland)

- On Multiscalar Production of Borders: Experiences from the Finnish-Russian Interphas
  Jussi LAINE (Finland)

- Post-Soviet boundaries: territoriality, identity, security, circulation
  Vladimir KOLOSOV (Russian Federation)

- The Regional Convergence of Russian and Iranian Geopolitics: Changing Contours of Eurasia
  Deepika SARASWAT (India)

C253

C12.36 TOPONYMY JOINTLY WITH INTERNATIONAL CARTOGRAPHIC ASSOCIATION - PLACE-NAME STUDY AND GEOGRAPHICAL RESEARCH 1
CHAIRPERSON(S): Cosimo PALAGIANO, Andrey HERZEN

- The cities of Americas in Modern Times
  Cosimo PALAGIANO (Italy)

- The Role of Hydronyms in Ethnohistorical Studies
  Ruth AGHEYEVA (Russian Federation)

- Near-identical twin toponyms along borders. How do they reflect the linguistic and political past?
  Riemer REINSMA (The Netherlands)

- Mapping geographical name evolution in Southern Africa
  Peter RAPER (South Africa)

- Spatial-geographical analysis of place names in the area of Russian Sami inhabitance
  Natalia ALEXEENKO, Svetlana MIKHEEVA (Russia)

C255

EVOLUTION OF EARTH CRYOSPHERE IN CHANGING CLIMATIC CONDITIONS AND UNDER A HUMAN-INDUCED DISTURBANCES 1
CHAIRPERSON(S): Victor POPOVNIN, Dmitry STRELETSKIY

- Permafrost thawing implications in the settlements of Eastern Chukotka
  Alexey MASLAKOV (Russian Federation)
Gas-emission crater in Central Yamal: relief dynamics based on satellite images analysis
A.I. KIZYAKOV, A.V. SONYUSHKIN, M.O. LEIBMAN, M.V. ZIMIN, A.V. KHOMUTOV (Russian Federation)

Climate Change, Permafrost Degradation and River Hydrology
Dmitry STRELETSKIIY, Nikita TANANAEV (United States of America)

Dynamics of permafrost conditions in the largest cities of Russian Arctic under climate change and technogenic impacts
V.I. GREBENETS, F. D. ANDRYUSHCHENKO, E. A. OSTROUMOVA, A.G. KERIMOV, D.A. STRELETSKIIY, G.-T. BJORNSSON (Russian Federation)

Climate vs. human induced impact on the cryosphere in the Ak-Shyirak massif (Inner Tien Shan)
Dmitry PETRAKOV, Alena SHPUNTOVA, Alexandr ALEINIKOV, Markus STOFFEL, Ryskul USUBALIEV (Russian Federation)

C153
12:30-14:00

MATHEMATICAL MORPHOLOGY OF LANDSCAPE AND LANDSCAPE METRICS 1
CHAIRPERSON(S): Alexey VICTOROV, Timofey ORLOV

Mathematical morphology of landscape: results, problems and prospects
Alexey VICTOROV (Russian Federation)

Simultaneous segmentation and classification of landscape images
Daniel Capella ZANOTTA, Jean Marcel de ALMEIDA ESPINOZA, Miguel da GUIA ALBUQUERQUE, et al. (Brazil)

Remote sensing based mathematical modeling applied to different theories of thermokarst lake occurrence

The basic concepts of the geosystems theory
Vladislav SYSUEV (Russian Federation)

C101
12:30-14:00

C12.22 ISLANDS - ISLAND DEVELOPMENT AND GLOBAL CHANGE
CHAIRPERSON(S): Andrey IVANOV, Kirill GANZEI

Meta-analysis of Island Development—A Case study of Lieyu Island, Taiwan
Wen-Hua HUANG, Su-Hsin LEE (Taiwan)

Landscapes of Peter Great Bay Islands (Japan Sea)
Kirill GANZEI (Russian Federation)

The social response to climate change in Faaf- Magoodhoo, Maldives
Marcella SCHMIDT DI FRIEDBERG, Stefano MALATESTA (Italy)
C12.34 POPULATION GEOGRAPHY - GEOGRAPHIES OF INTERNATIONAL STUDENT MOBILITY II: THE ROLES OF IMMIGRATION POLICIES, UNIVERSITIES AND RECRUITMENT AGENCIES 1
CHAIRPERSON(S): Yvonne RIANO, Darren SMITH

- Student Mobility Policies in a Federal System: The Case of Switzerland
  Yvonne RIAÑO, Annique LOMBARD, Etienne PIGUET (Switzerland)

- How visible are the «lighthouses»? Elite status of German universities and attractiveness for international students
  Donata BESSEY (Republic of Korea)

- Governments, universities and international student migration: the Canadian picture
  Lucia LO (Canada)

- International mobility of Brazilian Students to Portugal: the role of the Brazilian government and University Strategies in Portugal
  Maria Lucinda FONSECA, Juliana IORIO (Spain)

C12.38 TRANSPORT AND GEOGRAPHY - GEOGRAPHICAL IMPACTS OF TRANSPORT AND REGIONAL DEVELOPMENT 1
CHAIRPERSON(S): Andrew GOETZ, Anastasia LOMAKINA

- On the duality of transport systems – a theoretical rethinking from a transport geography perspective
  James Jixian WANG (China)

- The optimal topology of the transport networks of large megalopolis
  Petr BOBRIK (Russian Federation)

- The role of the 2010 Soccer World Cup public transport initiatives in transforming South Africa’s Apartheid city structure
  Schalk van HEERDEN (South Africa)

- The main features of the Russian regional transport systems transformation in 1990-2014
  Petr KRYLOV (Russian Federation)

- Geographical aspects of air transport globalization
  Vasili EVSEEV (Russian Federation)

14:00-15:00 - LUNCH
Large-Scale Climate Anomalis Over Eurasia: Astrogeographical Analysis
Alex RETEJUM, Kirill DIAKONOV (Russian Federation)

Winter anticyclonic activity in the Mediterranean-Black Sea region and its climate variability
Olga KOVALENKO, Elena VOSKRESENSKAYA (Russian Federation)

Space-time distribution of China’s water resources under the global climate change
Haibin-XIA, Zheng-WANG, Qun-LE (China)

The North Atlantic Dipole appears to affect upon the climate of Eurasia
Ilya SERYKH, Vladimir BYSHEV, Victor NEIMAN, Juri ROMANOV (Russian Federation)

The Changes Of Precipitation Trends And Their Effects On The Environment In The Western Anatolia (Turkey)
Hasan CUKUR (Turkey)

Areas of dark tourism in Mexico: favorable conditions for its contemporary practice
Álvaro LÓPEZ-LÓPEZ, Gino Jafet Quintero VENEGAS (Mexico)

A Visit to the Izumo Grand Shrine: Japanese Women Travellers Seeking Love and Romance
Michiyo YOSHIDA (Japan)

Feeling Like at Home? –Tourists’ Dress Behavior in a Muslim Country and Community Reactions
Manuela GUTBERLET (Oman)

Međugorje – the centre of religious tourism and urban chaos
Zeljka SILJKOVIC, Snjezana MUSA, Ranko MIRIC (Croatia)

Changes in urban green spaces of Kolkata using satellite data
Mishra PRAVEEN (India)
Creating city sustainability by means of realization of the concept of urban resilience (on the example city of Tyumen, Russia)
Liliia SULKARNAEVA, Dmitry MARINSKIKH (Russian Federation)

Challenges to global urban remote sensin: temporal-structural models
Victor MESEV (United States of America)

Johannesburg’s Rea Vaya Bus Rapid Transit: Perceptions and Reality
Nicolaas Jacobus KOTZE (South Africa)

Ecological rating of the post-Soviet countries capitals
Natalia KOLDOBSKAYA (Russian Federation)

Contradictions in a complex urban space of a Brazilian small-sized city. The city of Cachoeira between the program of historical tourism and the installation of an university campus
Wendel BAUMGARTNER (Brazil)

Urbanisation in Asia in the 21st Century: Issues and Challenges
Twisha SINGH (India)

DICHOTOMY OF URBANISATION AND URBANISM: THE CASE OF HAFLONG AND KOKRAJHAR TOWNS OF ASSAM, INDIA
Bimal KAR, Rakesh CHETRY (India)

Waste management and recycling: issues faced by the City of Johannesburg
Dorothea SCHOEMAN, Jabulile GALELA (South Africa)

Urban and Human space in Kinshasa
Fabiana D’ASCENZO (Italy)

Conservation of the old-agrarian landscapes for the high biodiversity sustention
Elena BELONOVSKAYA (Russian Federation), Alexander KRENKE (Russian Federation), Arkadiy TISHKOV (Russian Federation), N.G. TSAREVSKAYA (Russian Federation), J.M. MATUSZKIEWICZ, A. KOWALSKA
- Landscape and Floristic Diversity of Heterogeneous Catchments of Steppe and Forest-Steppe Zones (Altai Krai, Russia)
  Dmitry ZOLOTOV, Dmitry CHERNYKH (Russian Federation)

- Distribution of allergenic plants in Russia
  Tatiana DIKAREVA, Vadim RUMIANTSEV (Russian Federation)

- Mapping of Sacred Groves from Konkan Region of Maharashtra State, India: The Repositories of Bioresources, Culture and Religion
  Chandrakant SALUNKHE, S. RASKAR (India)

C229
15:00-16:30

C 12.06 COLD REGION ENVIRONMENTS - COLD REGIONS: MONITORING, OBSERVING, UNDERSTANDING 2
CHAIRPERSON(S): Tatiana VLASOVA, Nancy DOUBLEDAY, Marie-Jeanne ROYER

- Large-scale climate anomalies over Eurasia: astrogeographical analysis
  Alex RETEJUM, Kirill DIAKONOV (Russian Federation)

- Supercooling of seawater near the glacier front in a fjord ANALYSIS
  Aleksey MARCHENKO, Eugene MOROZOV (Norway)

- Sar backscatter model inversion for estimation of stratigraphic snow along the Union Glacier – Antarctica
  Jean Marcel de Almeida ESPINOZA, Jorge ARIGONY-NETO, Ricardo JAÑA (Brazil)

- Temporal variations in the fine structure of the middle atmosphere according to acoustic sounding data
  Sergey KULICHKOV (Russian Federation), Igor CHUNCHUZOV (Russian Federation), Gregory BUSH

C232
15:00-16:30

C12.41 GEOMORPHOLOGY AND SOCIETY 2
CHAIRPERSON(S): Jiun-Chuan LIN, Su-Min CHEN

- THE ADAPTATION OF URBAN LAND USE TO THE COASTAL CHANGE OF WEST TAIWAN
  Jiun-Chuan LIN, Chia-Hung JEN, Yeuan-Chang CHENG, Chi-Jen YANG (Taiwan)

- ESTIMATION OF POPULATION AT RISK IN KOREAN COASTAL AREA USING DASYMETRIC MAPPING
  Chanwoo JIN, Jongseo YIM, Chanwoong KIM (Republic of Korea)

- VOLCANIC ACTIVITY AND RIVER NETWORK
  Ekaterina LEBEDEVA (Russian Federation)
C12.11 GEOGRAPHICAL EDUCATION - EMPIRICAL AND CLASSROOM RESEARCH 1
CHAIRPERSON(S): Joseph STOLTMAN

- An evaluation of serious games and real word data on student outcomes in university level geographic education
  Daniel ERVIN, David LOPEZ-CARR, Lumari PARDO-RODRIGUEZ (United States of America)

- The Research of Board Games to Geography learning on Junior High School Students’ Learning Motivation and Academic Achievement
  Hui CHIU (Taiwan)

- Initial teacher training and education geography: an experience with the PIBID in Ceara, Brazil
  Maria Anezilany Gomes do NASCIMENTO (Brazil)

- Building a Research Coordination Network for Geography Education
  Michael SOLEM (United States of America)

- Incorporating Place-based Education in Teaching Urbanism
  Huiwei CHEN, Roger CHAN, Yi SUN (China)

C12.10 GENDER AND GEOGRAPHY - FACTORS AFFECTING WOMEN’S EDUCATION: GENDER, SPACE, CULTURE AND SOCIETY
CHAIRPERSON(S): Sahab DEEN, Gloria KUZUR

- Gendered Educational Deprivation among the Tribals in Chotanagpur: A historical perspective
  Vijay BARAIK, Gloria KUZUR (India)

- An Assessment of Socio-economic, Cultural - Geography, and Gender based Deprivation in Higher education in India
  Sachin LOKHANDE, Donald MAWKHLIENG (India)

- Educational Status - Level and Gender Differentials in Rural Literacy Rate: A Case Study of Rajasthan (India)
  Sawan JANGID (India)

C12.12 GEOGRAPHICAL INFORMATION SCIENCE - GIS OR INFORMATION SYSTEMS: THE BOUNDARY BETWEEN BASIC AND APPLIED RESEARCH 2
CHAIRPERSON(S): Francis HARVEY, Andrey MEDVEDEV

- Visualizing Brazilian Economic And Social Spatial Differences Using Gis And Multivariate Statistics
  Joao Francisco de ABREU, Marcos KUTOVA, Jose PAIVA (Brazil)
Application of Geographic Information System To Identify Vulnerability Level of Fire Settlements in Yogyakarta City
Gerry UTAMA, Bernadetta FEBRIANNANINGSIH, Ratri NISAA, Muhammad WAFIQ (Indonesia)

Remote sensing Earth sciences focused on regional physical-geographic studies
Vladimir KOZODEROV, N.G. KOMAROVA, T.Yu. LIVEROVSKAYA, O.V. LYUBCHENKO, L.V. ROMINA (Russian Federation)

Surveying Participatory GIS and the potential to expand geographic education
Roman ROSIBEL (United States of America)

Frontierity of Information Network: Indexes and Models of Network’s Infiltration into New Territories (On Example of the Siberian Mail)
Victor BLANUTSA (Russian Federation)

Telecommunication traffic diffusion in space
Anastasia NAGIRNAYA (Russian Federation)

Diffusion of information and communications technology products and “five Russias”
Stepan ZEMTSOV, Vyacheslav BABURIN (Russian Federation)

Innovation process stages in space
Tatiana ACHKASOVA (Russian Federation)

Medico-geographical assessment of natural-focal diseases related to touristic activities in Russia
S.M. MALKHAZOVA, V.A. MIRONOVA, N.V. SHARTOVA, D.S. ORLOV, P.V. PESTINA (Russian Federation)

Temporal and Spatial Variations of Plague Dynamics in Historical Europe: The Role of Climatic and Socio-economic Factors
Ricci YUE (China)

Challenges in Health Seeking Behavior among Women in Mountainous Terrain, A Case Study of Uttarakhand, Himalayas
Anita BHARGAVA (India)

Land cover and influence on the hydrophobicity of the soils: a case study from the Brazilian Southeastern region
Alexandre DA SILVA, Camila ROQUE, Luara DE SOUZA NASCIMENTO, Maisa DA ALDEA, Marina VIEIRA (Brazil)
C12.30 MEDITERRANEAN BASIN - ETHNICITIES, MOBILITIES, CHANGING RELATIONSHIPS IN THE MEDITERRANEAN IN A GLOBAL REALITY 2
CHAIRPERSON(S): Maria PARADISO, Izhak SCHNELL

- Ethnic Structure of the Republics of the former Yugoslavia: cultural diversity as a barrier for social stability and economic development
  Dmitrii MARTIANOV (Russian Federation)

- Steppe Conservation Or Rural Societies Development In The Arid Mediterranean Context? Case Of The Southern Tunisian Steppe
  Ali HANAFI (Tunisia)

- Strawberry pickers, precarious labour and Labour Geography: studying the agency of immigrant workers against informal working arrangements in Greece
  Lila LEONTIDOU, Stelios GIALIS, Andrew HEROD (Greece)

- Vers Une Analyse Des Resultats Des Elections Tunisiennes Avec Le Logiciel Hyperatlas
  Monaem NASR, Ali BENNASR (Tunisia)

C12.28 LOCAL AND REGIONAL DEVELOPMENT - LOCAL AND REGIONAL DEVELOPMENT IN THE URBAN SPACE 2
CHAIRPERSON(S): Michael SOFER

- Neoliberal Urbanization of Chinese Cities: From the Perspective of Industrial Land Redevelopment in Lanzhou
  Jie GUO (Germany)

- Post-Communist Urban Sprawl Related Built-Up Areas Dynamics In The Bucharest Metropolitan Area
  Ines Manuela GRIGORESCU, Gheorghe KUCSICSA, Bianca MITRICĂ, Irena MOCANU (Romania)

- The Jobs-housing Relationship and Commuting in Guangzhou, China: Hukou System and the Persisting Dual Structure
  Liu YI, Li SIMING (China)

- Geography of Slums: The Unresolved Paradigm of Slum Improvement Initiatives in India
  Kanika BASU, Sumana BANDYOPADHYAY (India)

- Overseas operations of local firms and cross-border management: A case study of Japanese local firms
  Atsushi TAIRA (Japan)

C12.31 MODELING GEOGRAPHICAL SYSTEMS - MODELING REGIONAL GROWTH AND TECHNOLOGICAL DEVELOPMENT
CHAIRPERSON(S): Yee LEUNG, Manfred M FISHER

- Carbon emissions abatement under uncertainty
  Yee LEUNG (China)
The frequency change of technosphere fires in Russia in the short term (according to the results of mathematical modeling)
T.V. VASHCHALOVA, V.N. KUDIN, V.A. SVETLOSANOV (Russian Federation)

Regions, technological interdependence and growth
Manfred FISCHER (Austria)

Linked OpenData for spatial monitoring
Therese STEENBERGHEN, Anuja DANGOL, Valerie DEWAELHEYNS, Olga ZALAMEA, Jos VAN ORSHOVEN (Belgium)

C202 15:00-16:30

C12.33 POLITICAL GEOGRAPHY - BORDERING EURASIA: POLITICS, POWER, AND POLITICAL GEOGRAPHY 2
CHAIRPERSON(S): Paul RICHARDSON, Akhinaro IWASHITA

Fragmentation of Political Space: Basic Forms and Modern Trends
Fedor POPOV (Russian Federation)

The geographic map as a perceptual and propagandist weapon in geopolitical struggles for the formation of national identity
Aron MEDZINI (Israel)

Understanding the construction of cross-border metropolitan regions through the integration process
Frédéric DURAND (Luxembourg)

Bordering Eurasia: the role of the EU and of local actors and state politics in the case of Cyprus
Anna CASAGLIA (Finland)

C201 15:00-16:30

C12.01 APPLIED GEOGRAPHY, C12.28 LOCAL AND REGIONAL DEVELOPMENT - APPLIED LOCAL AND REGIONAL DEVELOPMENT: 1 CASE STUDIES OF SUSTAINABLE DEVELOPMENT
CHAIRPERSON(S): Etienne NEL

Change in the pattern of community economy: Case study Nong Meg Village Moo 3, Non Somboon Sub-district Ban Had District Khon Kaen Province
Bodee PUTSYAINUNT (Thailand)

Regional Disparities In The Economical Development Of China
Elena SAMBUROVA, Ksenia MIRONENKO (Russian Federation)

The economic crisis and the internal geographical mobility patterns of the immigrant population in Portugal
Maria Lucinda FONSECA, Diogo de ABREU, Alina ESTEVES (Portugal)

Typology of Russian regions for the economic policy purposes
Alla SOROKINA, Pavel PAVLOV, Zemtsov STEPan (Russian Federation)

C253 15:00-16:30

C12.36 TOPONYMY JOINTLY WITH INTERNATIONAL CARTOGRAPHIC ASSOCIATION - PLACE-NAME STUDY AND GEOGRAPHICAL RESEARCH 2
CHAIRPERSON(S): Cosimo PALAGIANO, Andrey HERZEN
The basic principles of name-giving in Moscow
Tatiana SOKOLOVA (Russian Federation)

Odonyms: Logics and naming features of street names in France
Dominique BADARIOTTI (Russian Federation)

Name and the City: Exploring national narrative in Beirut-as-text
Jack KEILO (France)

Russian-language forms of names of geographic features located in Poland
Tomasz WITES (Poland)

Geography of toponyms Moldav- / Moldov-
Andrey HERZEN (Russian Federation)

EVOLUTION OF EARTH CRYOSPHERE IN CHANGING CLIMATIC CONDITIONS AND UNDER A HUMAN-INDUCED DISTURBANCES 2
CHAIRPERSON(S): Victor POPOVNIN, Dmitry STRELETSKIY

Methane in the ground ice as a proxy of evolution of permafrost in the West Siberia
I.D. STRELETSKAYA, A.A. VASILIEV, G.E.OBLOGOV, V. A FEDIN (Russian Federation)

The Age Of Cryogenic Microrelief In Subarctic Mountains
Fedor ROMANENKO, Katerina GARANKINA (Russian Federation)

Coastal dynamics at the Pechora and Kara Seas in changing climatic conditions and under a human-induced disturbances

Lacustrine thermokarst dynamics analysis based on remotely sensed data and methods of mathematical morphology of landscape
V.N. KAPRALOVA (Russian Federation)

Ice mass balance of Bellingshausen Dome in 2007–2012 and 2014-2015, King George (Waterloo) Island, South Shetland Islands, Antarctica
Bulat MAVLYUDOV (Russian Federation)

MATHEMATICAL MORPHOLOGY OF LANDSCAPE AND LANDSCAPE METRICS 2
CHAIRPERSON(S): Alexey VICTOROV, Timofey ORLOV

Landscape pattern investigation based on mathematical morphology of landscape approach for the regions with subsidence and suffusion activity
Sergey SADKOV (Russian Federation)

Effect of landscape spatial pattern on faunal diversity
Ksenia MERKAŁOVA, Alexander KHIRŠHEV, Lyudmila EMELYANOVA (Russian Federation)

Mathematical Modeling of Agricultural Landscape Pattern within the Forest Zone of the East European Plain
Olga TRAPEZNIKOVA (Russian Federation)

The geometry of the landscape space and its evaluation methods through remote sensing data
A. KRENKE, Yu. PUZACHENKO (Russian Federation)
C12.22 ISLANDS - ISLAND SUSTAINABILITY

CHAIRPERSON(S): Andrey IVANOV, Ganzei KIRILL

- Convivial island economics: Commoning on Pongso-no-Tau
  Huei-Min TSAI, Eric CLARK (Taiwan)

- The change of conservation of traditional springs the case study of the Okinoerabu Island, Kagoshima Prefecture
  Masatoshi MOTOKI, Go HAGIWARA (Japan)

- High-scale studyingand mapping ofvegetationof southern part of the Kunashirisland
  Natalia ALEXEENKO, Michail GRISCHENKO (Russian Federation)

C355 15:00-16:30

C12.34 POPULATION GEOGRAPHY - GEOGRAPHIES OF INTERNATIONAL STUDENT MOBILITY II: THE ROLES OF IMMIGRATION POLICIES, UNIVERSITIES AND RECRUITMENT AGENCIES 2

CHAIRPERSON(S): Yvonne RIANO, Darren SMITH

- Europe as Unlikely Immigrant Destination: Location Choice for Internationally-Mobile Students in India
  Metka HERCOG (Switzerland)

- Intellectual migration between the U.S. and China--A Case Study of Chinese Overseas Students in the United States
  Wei LI, Wan YU, Shengnan ZHAO, Xiaojie LI (United States of America)

- Global Student Mobility – a Narrative of Modernity under the Logic of Core and Periphery
  Stefan KURZMANN (Germany)

C359 15:00-16:30

C12.38 TRANSPORT AND GEOGRAPHY - GEOGRAPHICAL IMPACTS OF TRANSPORT AND REGIONAL DEVELOPMENT 2

CHAIRPERSON(S): Andrew GOETZ, Anastasia LOMAKINA

- China’s Geopolitics of Transport to Access Central Asia
  Nidhi DABAS (India)

- RAILWAY TRANSPORTATION AND TERRITORIAL DEVELOPMENT. Connecting the Atlantic to the South American Pacific
  Milagros HINOJOSA, Roberto CHIARELLA (Peru)

- The structural effects of freight forwarders’ activity on territories: the case of the port Le Havre and the port of Antwerp
  Marina ZAKHAROVA (France)

- The impacts of high-speed rail on Eurasia economic geography
  Fengjun JIN (China)

16:30-17:00 COFFEE BREAK
CLIMATE VARIABILITY AND PREDICTABILITY 2-3
CHAIRPERSON(S): Vijendra BOKEN, Daria GUSHCHINA

- Heat and Cold Waves Dynamics in European Part of Russia
  Vladyslav EVSTIGNEEV, V. NAUMOVA, N. LEMESHKO, A. LUBKOV (Russian Federation)

- Climate and Agricultural Policies on Russian Grain Yields, 1958–2010
  N.M. DRONIN, A.P. KIRILENKO (Russian Federation)

- Atmosphere circulation anomalies over Amur basin during extreme high-water and low-water summer seasons
  Ekaterina TATARINOVICH (Russian Federation)

- The Climate and its Impacts on Egyptian Civilized Heritage: EI-Nadura Temple in El- Kharga Oasis, Western Desert of Egypt as a Case Study
  Hossam ISMAEL, Mona EL-KIALY (Egypt)

- Impact of the Carbon Abatement of Manufacturing Process Control on Household Welfare and Regional Economic Development
  Yi SUN, Zhangqi ZHONG, Chenjin XU, Zheng WANG (China)

C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - TOURISM AND REGIONAL DEVELOPMENT 3: RURAL ISSUES
CHAIRPERSON(S): Dieter K.MULLER

- Displacement and Second Homes: Full Circle or Time to Move on?
  Roger MARJAVAARA, Gijsbert HOOGENDOORN (Sweden)

- Transformation of the «Golden Ring of Russia» tourist route: factors, new forms and types of tourism
  Ekaterina V. AIGINA (Russian Federation)

- The contribution of rural tourism to the local development in Italy
  Gian Luigi CORINTO, Francesco MUSOTTI, Anna Maria PIOLETTI (Italy)

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - CREATING SUSTAINABILITY 3
CHAIRPERSON(S): Celine ROZENBLAT, Olga VENDINA

- Sustainable learning for cities: urban agriculture as a tool for special educational needs learning and teaching & community building
  Don MACKEEN (United Kingdom)

- The challenges and sustainability of urban farming in Nigerian cities
  Yusuf SALEH, Aliyu Ja’afar ABUBAKAR (Nigeria)
- The concept of landscape planning in urban environmental management

- Sustainable green space planning strategy based on the GI theory in High-density Macau city, China
  Li MIN, Xiao XI (China)

- Multi-scalar assessment of vegetation cover change and green spaces in growing metropolitan areas of Chile
  Francisco de la BARRERA, Cristian HENRIQUEZ (Chile)

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**B204**

**17:00-18:30**

**C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - URBAN GOVERNANCE 3**

**CHAIRPERSON(S):** Olga VENDINA

- The (Re)production of Housing Space and Housing Policies: from Institutional Perspectives
  Yeon-Taek RYU (Republic of Korea)

- Social ecology of immigrant population and changing urban landscape of Thimphu, Bhutan
  Raghubir CHAND (India)

- The State of Cities in Northwestern India: Emerging Issues and Options (Some evidence from recent studies of Three Metropolis)
  Manoj Kumar TEOTIA, Rajender KUMAR (India)

- Facilitating generation of local knowledge using a collaborative initiator: A NIMBY case in Guangzhou, China
  Yi SUN (China)

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**building C**

**MONDAY, 17 AUG. 17:00-18:30**

**ASSEMBLY HALL**

**PLENARY LECTURE**

- «2016 International Year of Global Understanding (IYGU)»
  Professor Benno WERLEN (Germany)

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**C225**

**17:00-18:30**

**C12.03 BIOGEOGRAPHY AND BIODIVERSITY - BIOGEOGRAPHY AND CONSERVATION OF BIODIVERSITY 3**

**CHAIRPERSON(S):** Udo SCHICKHOFF, R.B. SINGH

- Conservation Biogeography in the Moscow University: Analyses of Biodiversity Distribution and Selecting Priority Areas for Protection in Palearctic
  Tatiana DIKAREVA, Elena KOROLEVA, Vladimir NERONOV, Alexey ROMANOV, Elena SUSLOVA, Marina VOLCHENKOVA, Evgeniya MELIKHOVA (Russian Federation)
- Researching geography of the Northern Eurasia biotic diversity by using criteria of species activity and abundance
  Ludmila EMELYANOVA, N. LEONOVA, K. GONGALSKY, L. LEVIK, A. REPINA, M. DYCHKIN, E. VACHSHCHENKOVA, D. KUZNETZOVA, P. KUZNECHENKO (Russian Federation)

- Spectral properties of subarctic plants
  Mikhail ZIMIN, Elena GOLUBEVA, W. REES, Olga TUTUBALINA (Russian Federation)

- The conservation of landscape and biological diversity of steppe ecosystems within the Orenburg-West Kazakhstan transboundary region
  Dmitriy GRUDININ, Sergey LEVYKIN, Valentina CHIBILYOVA, I. YAKOVLEV (Russian Federation)

C229 17:00-18:30
BUSINESS MEETING OF THE IGU COMMISSION

C12.06 COLD REGION ENVIRONMENTS - COLD REGIONS: MONITORING, OBSERVING, UNDERSTANDING

C232 17:00-18:30
C12.09 ENVIRONMENTAL EVOLUTION - ENVIRONMENT EVOLUTION AND HUMAN ACTIVITY IN THE LATE QUATERNARY 1
CHAIRPERSON(S): Andrei VELICHKO, Tamara YANINA, Taibao YANG

- Environment Evolution and Human Activity in the late Quaternary’
  Introduction of the session and presentation of the Environment Evolution Commission
  Andrei VELICHKO (Russian Federation)

- Comparative analysis of the climatic and environmental changes in the arid and semi-arid regions of Eurasia over the last million years recorded in loess-soil deposits on the South of Russian Plain and the Chinese Loess Plateau
  Taibao YANG (China)

- The Caspian Region: Environmental consequences of the global climate change during the Late Pleistocene
  Tamara YANINA, V. SOROKIN, A. SVITOCH (Russian Federation)

- Quaternary Environmental Changes in the Sahara and the Arabian Desert
  Mahmoud Mohamed ASHOUR (Egypt)

C233 17:00-18:30
C12.11 GEOGRAPHICAL EDUCATION - EMPIRICAL AND CLASSROOM RESEARCH 2
CHAIRPERSON(S): Theresa BOURKE

- The Shanghai Model for Online Geography Education
  Osvaldo MUNIZ (United States of America)
- System Competence in Geography Education - an empirically validated structure and stage model
  Rainer MEHREN, Armin REMPFLER, Eva Marie ULRICH-RIEDHAMMER, Janine BUCHHOLZ, Johannes HARTIG (Germany)

- Exploring children’s perceptions of the environment
  Tomas TORBJÖRNSSON, Bryan WEE, Linda OLDEBRING (Sweden)

**C235** 17:00-18:30

C12.12 GEOGRAPHICAL INFORMATION SCIENCE - GIS OR INFORMATION SYSTEMS: THE BOUNDARY BETWEEN BASIC AND APPLIED RESEARCH 3
CHAIRPERSON(S): Francis HARVEY, Andrey MEDVEDEV

- Defining boundaries of coastal features using GIS
  Hyo-Hyun SUNG (Republic of Korea), Hyowon BAN (United States of America)

- Ideal Models of Reality and Geography
  Anatoly KOSIKOV (Russian Federation)

- Using GIS technologies for assessment of recreational lands and resources on the example of Lori marz, Armenia
  Shushanik ASMARYAN, Azatuhi HOVSEPYAN (Armenia)

**C215** 17:00-18:30

ARAL SEA SYNDROME - CASE STUDIES AND CONSEQUENCES
CHAIRPERSON(S): Christian OPP, Zhanna KUZMINA

- The future of Aral Sea: Several Scenarios
  Philip MICKLIN (United States of America)

- Aeolian dust deposition in the Aral Sea region – a spatial and temporal analysis of an ecological crisis
  Michael GROLL, Christian OPP, Tom LOTZ, Ilkhom ASLANOV, Natalya VERESHAGINA (Germany)

- Linking Water Scarcity, Riparian Vegetation and Aeolian Sediment Dynamics at the Lower Reaches of the Tarim River, NW China
  Florian BETZ, Bernd CYFFKA, Martin KUBA (Germany)

- Diseases of the population in the lower reaches of the Syr-Darya River and the Aral Sea crisis
  Malik BURLIBAYEV, D. BURLIBAYEVA (Kazakhstan)

**C250** 17:00-18:30

C12.19 HEALTH AND ENVIRONMENT - HEALTH AND ENVIRONMENT CHANGE 3
CHAIRPERSON(S): Wuyi WANG

- Influence evaluation of abrupt weather changes on exacerbations of chronic non-communicable diseases in the central area of Cuba
  Elena SEMINA (Russian Federation), Marina TRUBINA (Russian Federation), Alexandr UGRYUMOV (Russian Federation), Luis B. LECHA ESTELA (Cuba), Elena CARVAJAL CIOMINA (Cuba)
- Monitoring of meteor-tropic effects: results for the region of Europe
  Elena SEMINA (Russian Federation), Luis B. LECHA ESTELA (Cuba), Elena CARVAJAL
  CIOMINA (Cuba), Orlando LUIJAN FERNANDEZ (Cuba), Dayro M. GARCIA HERRERA (Cuba)

- Bioclimatic research of the North-West region
  Marina TRUBINA (Russian Federation)

- The links among environmental change and children’s health at the regional level
  Tamara VATLINA (Russian Federation)

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C216  17:00-18:30

C12.30 MEDITERRANEAN BASIN IN COOPERATION WITH 7FP MARIE CURIE IRSES
MEDCHANGE 612639 - REGIONALISATION CONCEPTS AND PRACTICES IN ‘INNER SEAS’
AS MOBILE GLOBAL REALITIES
CHAIRPERSON(S): Maria PARADISO, Alun JONES

- Mediterranean belonging: between sea border and attachment. Views from Algiers post tertiary
  education students
  Mohamed ALOUAT (Algeria), Maria PARADISO (Italy)

- Non-formal region borders: criteria of definition. Mediterranean case
  Tamara GALKINA (Russian Federation)

- Socio-economic, technological and institutional drivers of European land use change, in long-
  term perspective: the case of Greece
  Theano S. TERKENLI (Greece)

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C237  17:00-18:30

C12.28 LOCAL AND REGIONAL DEVELOPMENT - LOCAL AND REGIONAL DEVELOPMENT
IN RUSSIA 1
CHAIRPERSON(S): Tatyana BOCHKAREVA

- Agriculture of Altai Krai under climate change: looking for ways of intensification
  Bella KRASNOYAROVA, Yuri VINOKUROV, Sergei GANZA (Russian Federation)

- Algorithm of estimation of territories potential for using renewable energy systems (territory of Big
  Feodosia as an example)
  Tatiana GORBUNOVA (Russian Federation)

- Monotowns vs diversification: opportunities for choosing development strategies for small
  settlements on the example of towns and villages situated in the north of the Sverdlovsk region
  Daria ELMANOVA, Alexey FADDEEV, Andrey ENTIN, Alina KHUSAINOVA, Anastasia
  SHURYGINA, Boris NIKITIN, Ivan SHAMALO, Vladimir MATSUR, Anatoly BELYAEV, Razil
  SUNGATULLIN (Russian Federation)

- New Moscow Tomorrow: Cutting-Edge Mega-Region or Sprawl?
  Robert ARGENBRIGHT (United States of America)

- Model studies of the problem of “sustainable development of regions”
  Vladimir SVETLOSANOV, V.N. KUDIN (Russian Federation)
C12.31 MODELING GEOGRAPHICAL SYSTEMS - MODELING FLUVIAL AND HYDROLOGICAL PROCESSES
CHAIRPERSON(S): Yee LEUNG, Manfred M FISHER

- Multi-parameter method of lag time values calculating of surface runoff by the SAGA-GIS and their landscape interpretation
  Aleksander EROFEEV (Russian Federation)

- Assessing the role of glacier and permafrost on hydrology using water balance modeling
  Matvey DEBOLSKIY, Anna LILJEDAHL, Regine HOCK, Jing ZHANG, Vladimir ROMANOVSKY, Ronald DAANEN (United States of America)

- Modelling the effect of land-use/cover changes at sub-catchments on downstream flood peaks at the catchment outlet
  Joy SANYAL (India)

- Long-term average annual flow of Northern Caucasus rivers along the Russian Black Sea coast
  Maria KOLESNIKOVA, Alexey KOSITSKII (Russian Federation)

- Catchments landscape features impact to the runoff and chemical composition of Zayachya river basin small rivers (southern part of the Arkhangelsk region)
  Alexey KOSITSKII, Danila SHKOLNYI, Anna LUKYANOVA (Russian Federation)

C12.33 POLITICAL GEOGRAPHY - BORDERING EURASIA: POLITICS, POWER, AND POLITICAL GEOGRAPHY 3
CHAIRPERSON(S): Paul RICHARDSON, Akhinaro IWASHITA

- Failure of Sykes-Picot and Borders that Lost Meaning: The Case of Syria
  Nurettin ÖZGEN (Turkey)

- Japan’s borders and the ‘militarization’ of sovereignty
  Edward BOYLE (Japan)

- Transformation of the Ethno-Cultural Space of Post-Soviet Trans-Border Regions
  Tatiana GERA与中国ITHKO (Russian Federation)

- Russia-Poland cross-border cooperation and development of the tourism in Kaliningrad region
  Alexander SEBENTSOV, Maria ZOTOVA (Russian Federation)
- Evolution of the urban system: the case of the Moscow – St Petersburg transport corridor
  Andrey MURASHOV (Russian Federation)

- Geoexpertology – New Direction of Modern Geography
  Ekaterina POZACHENYUK (Russian Federation)

- Specifics of Cluster Policy in Russia
  Alla SOROKINA, Pavel PAVLOV, Stepan ZEMTSOV (Russian Federation)

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**C153**  17:00-18:30

**MATHEMATICAL MORPHOLOGY OF LANDSCAPE AND LANDSCAPE METRICS 3**
**CHAIRPERSON(S):** Alexey VICTOROV, Timofey ORLOV

- Multiscale organization of landscape structure
  Alexander KHOROSHEV (Russian Federation)

- The geometry of the landscape space and its evaluation methods through remote sensing data
  Alexander KRENKE, Yu. PUZACHENKO (Russian Federation)

- Proposal of the approach to model the ridge-hollow bog spatial structure within the Belamoro-Kuloyaskoye plateau area (Arkhangelsk region of Russia)
  Timofey ORLOV, Sergey SADKOV, M. ARHIPOVA, Evgeny PANCHENKO (Russian Federation)

- Evaluating micro-scale soil erosion processes through landscape metrics
  Alexandre Marco da SILVA, Chi Hua HUANG, Wendy FRANCESCONI, Thalika SAINTIL, Jazmin VILLEGAS (Brazil)

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**C355**  17:00-18:30

**C12.40 WATER SUSTAINABILITY - HYDROLOGICAL PROCESSES AND MANAGEMENT OF STRESSED WATER RESOURCES 1**
**CHAIRPERSON(S):** Frank WINDE, Maria KIREEVA

- Analysis of water balance components in the upper Vaal River catchment (South Africa) using a land surface model
  C. CASSARDO (Italy), A. BAHIRANI, R. BONANNO, I. CERENZIA, E. HOFFMAN, F. WINDE (South Africa)

- Geographical factors of parametrization of a river drain from continents
  Maria GRECHUSHNIKOVA, Konstantin EDELSHTEIN (Russian Federation)

- Mass changes in the hydrological basins of Russia from GRACE
  L. ZOTOV (Russian Federation)

- Investigation the dynamic and functioning of the Cheboksary reservoir (Volga River)
  Inna NIKONOROVA (Russian Federation)
C12.38 TRANSPORT AND GEOGRAPHY - GEOGRAPHICAL IMPACTS OF TRANSPORT AND REGIONAL DEVELOPMENT 3
CHAIRPERSON(S): Andrew GOETZ, Anastasia LOMAKINA

- Nodal and service functions of High Speed Rail stations in small and medium-sized cities in Spain
  Eduardo OLAZABAL, Carmen BELLET (Spain)

- Dynamics around peripheral High-Speed rail stations: the Spanish case
  Carmen BELLET, Carmen VAZQUEZ (Spain)

- Change of accessibility by LTR and its prospective contribution to greenhouse gas emissions in Singapore
  Koichi TANAKA (Japan)

- Understanding the relationship between accessibility and economic growth: A case study from China (1990-2010)
  Jiaoe WANG, Jingjuan JIAO (China)

- Exploring the varying impact of mega transport infrastructure on the evolution of urban space structure: A case of Shenzhen, China
  Yonghai SUN, Zuopeng XIAO (China)

POSTER EXHIBITION

building C
MONDAY, 17 AUG. 12:30-18:30

C 12.06 COLD REGION ENVIRONMENTS - COLD REGIONS: MONITORING, OBSERVING, UNDERSTANDING

- Snow Water Equivalent from Landmasses. The assessment of the relation for the European Russia.
  Vadim GRIGORIEV (Russian Federation)

- Thermokarst processes formation along linear objects (an example of long distance oil pipeline in Siberia)
  Elizaveta MAKARYCHEVA (Russian Federation)

- The role of soils composition, structure and properties in formation of temperature regime and active layer thickness on west coast of Baydara bay
  Daria ALEKSYUTINA, Rimma MOTENKO (Russian Federation)

- Sea level fluctuations in the small inlet of the White Sea according to observations in 2008 – 2014
  Alexey KONDRIN (Russian Federation)
C12.11 GEOGRAPHICAL EDUCATION - EMPIRICAL AND CLASSROOM RESEARCH

- Promoting Indigenous environmental knowledge in senior high school, a case study of Tayal, northern Taiwan
  Yu-lan NI, Da-wei KUAN, Su-Min SHEN (China)

- A Seat at the Table: Using Deep Learning to Engage Students in Food Geography
  Karen S. BARTON (United States of America)

- The formation of cognitive interest in the study of the geography of Russia in the framework of the Russian Geographical Society’s project «Lessons of geography»
  Ivan KOLECHKIN (Russian Federation)

C12.12 GEOGRAPHICAL INFORMATION SCIENCE - GISCIENCE AND GEOGRAPHY EDUCATION: FROM LEARNING AND DISCOVERY TO SCIENCE

- Comparative analysis of global geoid models by geodetic data
  Vera LUGOVSKAYA, Balis SERAPINAS, Askar ILYASOV (Russian Federation)

C12.12. GEOGRAPHICAL INFORMATION SCIENCE - GIS OF INFORMATION SYSTEMS: THE BOUNDARY BETWEEN BASIC AND APPLIED RESEARCH

- Online library of reflectance characteristics for objects on the Earth surface

- Renewable energy sources as an object of GIS mapping
  Yu. RAFIKOVA, B.A. NOVAKOVSKYI, S.V. KISELEVA, A.I. PRASOLOVA (Russian Federation)

- The development of geophysical mapping in Russia and abroad
  Dmitriy LOGINOV (Russian Federation)

- Atlas mapping as a tool for conservation of unique internationally significant ecosystems (on example of the Valley of the Geysers in Kronotsky Reserve)
  A. ZAVADSKAYA, V. YABLOKOV, D. PANICHEVA (Russian Federation)

- Regional SDI geoportal to access geospatial data and services for complex analysis of climate changes
  Alexander TITOV, Evgeny GORDOV (Russian Federation)

  I. ROTANOVA, V.S. TIKUNOV (Russian Federation)

- Creation of information mapping retrieval system of the dating determinations for alluvial deposits of Russian Federation
  Andrey PANIN, Ali ALOYAUTDINOV, Nikolay SEMIN, Ekaterina MATLAKHOVA (Russian Federation)

- World Ocean floor geomorphology in the general geomorphological map of the World
  V.I. MYSLIVETS, S.A. LUKYANOVA, G.D. SOLOVIEVA (Russian Federation)

- Design of multidimensional geographical models
  Ludmila USHAKOVA, A.G. KOSIKOV (Russian Federation)
- Development of the Internet GIS System of Long-term Small Area Population Projection for Japan
  Takashi INOUE (Japan)

- Modeling technique of relief morphometric parameters in the ecology-geographical studying of catchment basins
  Maria SAKIRKINA (Russian Federation)

- Russian science and educational geoportals: an overview
  Alexander KOSHKAREV, Irina ROTANOVA (Russian Federation)

- Geoinformational modeling of the current state of vegetation cover of a region
  I.N. VLADIMIROV, A.P. SOFRONO, A.A. SOROKOVOY, D.V. KOBYLKIN, A.A. FROLOV (Russian Federation)

**C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE**

- A Comparison of the Characteristics of Japanese and Foreign Travel Guidebooks
  Shun-ichi YOKOYAMA, Naoko HASEGAWA (Japan)

- Dark Tourism and Hansen's Disease Sanatoriums
  Akira IDE, Tomohisa TAMURA (Japan)

- Evaluation of recreational resources and recreational potential in the development of tourism
  Tatiana VOLKOVA (Russian Federation)

- Formation d’une nouvelle stratégie de développement des territoires du Nord
  Alexey KONDRIN Elena TOTONOVA (Russian Federation)

**C12. 14 GEOGRAPHY OF THE GLOBAL INFORMATION SOCIETY - ICTS DIFFUSION IN SPACE**

- Border Effects Arising at Expansion of Information Network (On Example of Russian Postal Network’s Infiltration into China, 1870 – 1920)
  Victor BLANUTSA (Russian Federation)

**C12.19 HEALTH AND ENVIRONMENT - HEALTH AND ENVIRONMENT CHANGE**

- Residential exposure to drinking water arsenic in Inner Mongolia, China
  Yajuan XIA, Kegong WU, Zhixiong NING, Yanhong LI, Jun Liu et ALYAJUAN (China)

- Significant heat waves impacts on the health of Cuban`s population
  Elena CARVAJAL CIOMINA, Luis B. LECHA ESTELA, Dayro M. GARCIA HERRERA (Cuba)

- Distribution features of natural foci of some important tropical diseases in the natural environment of Republic of Guinea
  O.K.KONSTANTINOV, M.Y.BOIRO, S.KALIVOGUI, M.C.BALDE, M.S.DIALLO, N.CONDE (Russian Federation)

- Complex approaches to the study of type’s adaptation of nonresident students to conditions of the metropolis (St. Petersburg)
  Yana SCORYK, Ekaterina SEMOVA, Marina TRUBINA (Russian Federation)

- The ecological and geographical factors of the Chechen Republic population’s health
  Halimat ELDAROVA (Russian Federation)
C12.28 LOCAL AND REGIONAL DEVELOPMENT - LOCAL AND REGIONAL DEVELOPMENT IN RUSSIA
- Special aspects of territorial and productive combinations in modern Russia

- Municipal Reform of Rural Settlements in Old Developed Regions of Russia: Problems of Territorial Organization
  Zinaida PONOMARYOVA (Russian Federation)

C12.28 LOCAL AND REGIONAL DEVELOPMENT - LOCAL AND REGIONAL DEVELOPMENT IN THE URBAN SPACE
- Medium-sized cities in the system of settlement of Central Russia
  Ilya SMIRNOV, Alexandra FOMKINA (Russian Federation)

C12. 32 MOUNTAIN RESPONSE TO GLOBAL CHANGE - MOUNTAIN REGIONS IN CONTEXT OF GLOBAL CHANGE; ADAPTATION, NEW APPROACHES AND ROLE OF SCIENCE
- Ecological-geographical researches of intermountain depressions of Altai
  Natalia LEGACHEVA, Irina ROTANOVA (Russian Federation)

C12.33 POLITICAL GEOGRAPHY - BORDERING EURASIA: POLITICS, POWER, AND POLITICAL GEOGRAPHY
- Centenary Evolution of Kurdish Geopolitics
  Nurettin ÖZGEN (Turkey)

C12.33 POLITICAL GEOGRAPHY - PROBLEMS OF CONTEMPORARY POLITICAL GEOGRAPHY AND GEOPOLITICS
- Political and geographical importance of Dagestan as a Russian outpost in the Caucasus
  Sh. M ALIEV (Russian Federation)

- The Spectrum of Chinese Political Geography
  Yungang LIU, Ning AN (China)

- Methods of studying the geography of political preferences of the US population
  Peter VARYUSHIN (Russian Federation)

- Eurasian multiregional system: factors and tendencies of regionalization
  V.KALEDIN, N.KALEDIN, S.KULIK, R.AMBURTSEV (Russian Federation)

C12.34 POPULATION GEOGRAPHY - GEOGRAPHIES OF INTERNATIONAL STUDENT MOBILITY II: THE ROLES OF IMMIGRATION POLICIES, UNIVERSITIES AND RECRUITMENT AGENCIES
- Student Mobility Towards the Land of Confucius, the invisible trend
  Hans SEESAGHUR (Mauritius)
C12.36 TOPOHYMY JOINTLY WITH INTERNATIONAL CARTOGRAPHIC ASSOCIATION - PLACE-NAME STUDY AND GEOGRAPHICAL RESEARCH

- The Toponymy of the Elbrus Mountain Region (Central Caucasus)
  Alim ZALIKHANOV (Russian Federation)

C12.38 TRANSPORT AND GEOGRAPHY - GEOGRAPHICAL IMPACTS OF TRANSPORT AND REGIONAL DEVELOPMENT

- Evaluation of the electric power network availability at the sub-regional level
  Alexey FADDEEV (Russian Federation)

C12.41 GEOMORPHOLOGY AND SOCIETY

- Digitizing and Updating of Applied Geomorphological Map of Western Anatolia and Thrace Using Geographical Information Systems
  Ahmet ERTEK, Hasan OZDEMIR, Belgin SOL, Emre ELBASI (Turkey)

- Digital elevation model SRTM as a source of data for geomorphological zoning
  G.V. LOBANOV, A.V. POLYAKOVA, A.Yu ZVEREVA, B.V.TRISKIN (Russian Federation)

- Geomorphology and archaeology: mapping landforms around archaeological sites in Kayseri region using high-definition data
  Y.S. HAYAKAWA, H. OBANAWA, H. YOSHIDA, R. NARUHASHI, K. OKUMURA, M. ZAIKI (Japan)

- Water Logging In Siwa Oasis Western Desert , Egypt
  Haitham Shawki Alsayed ALY (Egypt)

- High resolution and frequency measurement of erosion volume of inaccessible sea cliff using Unmanned Aerial Vehicle
  Hiroyuki OBANAWA, Yuichi S. HAYAKAWA (Japan)

- Relief and quality of life in cities
  Sergey KHARCHENKO, Sergey BOLYSOV (Russian Federation)

- Morphometric GIS-analysis of landforms of Belarus
  Dzmitry KURLOVICH (Belarus)

- Biogenic Relief Of Forest Zone In The European Part Of Russia
  Alexandra DERKACH (Russian Federation)

- The nature and extent of continental biogenic relief
  Sergey BOLYSOV, Vladimir NEKHODTSEV (Russian Federation)

- Geomorphological criteria of recreational potential of the Crimea Black sea coasts
  Maria ORLOVA (Russian Federation)

- Subrelief of towns
  Sergey BOLYSOV (Russian Federation)
**C12.01 APPLIED GEOGRAPHY, C12.28 LOCAL AND REGIONAL DEVELOPMENT - APPLIED LOCAL AND REGIONAL DEVELOPMENT**

- The Role of Real Estate Agencies in Building and Construction Development Using Topsis Method
  Farahnaz AKBAROGHLI, Leili NIKOO (Iran)

- Renewable energy sources for sustainable development in Sub-Saharan Africa: status, prospects and risks
  Liudmila NEFEDOVA, Alexander SOLOVIEV, Mikhail IVANOV (Russian Federation)

- Livelihoods and Rural Poverty Reduction in Southwest China
  Kerong SHENG (China)

- Modeling of the socio-economic regional situations in the national economic system of the Russian Federation
  Anastasia MYADZELETS (Russian Federation)

**THEMATIC SESSION:**

**ARAL SEA SYNDROME - CASE STUDIES AND CONSEQUENCES**

- Environmental Changes and Dust Emission in the Dried Bottom of the Aral Sea
  L. ORLOVSKY, L. SPIVAK, R. INDOITU, G. KOZHORIDZE, M. BATYRBAEVA, I. VITKOVSKAYA, N. ORLOVSKY (Israel)

- Monitoring locust habitats in the Amudarya River delta, Uzbekistan, using satellite remote sensing
  Fabian LÖW, Alexandre LATCHININSKY (Germany)

**THEMATIC SESSION:**

**EVOLUTION OF EARTH CRYOSPHERE IN CHANGING CLIMATIC CONDITIONS AND UNDER A HUMAN-INDUCED DISTURBANCES**

- Studies of seasonal freezing of grounds in Western Moscow Region

- The identifying of dangerous areas of corrosion of gas pipelines in permafrost regions
  M.A. VELIKOTSKIJ (Russian Federation)

- Engineering safety of buildings, structures and objects of infrastructure to climate change in the Arctic (on the example of the Norilsk industrial area)
  Aligyushad KERIMOV, Valery GREBENETS (Russian Federation)

- Permafrost dynamics and Global Climate Change
  Nella SHPOLYANSKAYA (Russian Federation)

- Interregional technical cooperation project Project (2014-2017)
  Bulat MAVLYUDOV (Russian Federation)
THEMATIC SESSION:

MATHEMATICAL MORPHOLOGY OF LANDSCAPE AND LANDSCAPE METRICS

- The Influence of the Russian Geosystemic Geography in Brazilian Geosystemic Geography: Historical Background and Future Prospects for Landscape Studies
  Danilo PICCOLI NETO, Archimedes PEREZ FILHO (Brazil)

- Comparison of spatial features of soil solid-phase transport in two small catchments (in forest-steppe and steppe zones of Russia)
  T.S. KOSHOVKII, A.P. ZHIDKIN, A.N. GENNADIEV (Russian Federation)

YOUNG SCIENTISTS PROGRAMME

C102

12:30-18:30 YOUNG SCIENTIST CORNER
President of the Fund — Arthur Chilingaroy, special representative of the Russian President for international cooperation in Arctic and Antarctic, Hero of the Soviet Union, Hero of Russia, corresponding Member of the Russian Academy of Sciences. Chairman of the Board of Trustees — Mikhail Slipenchuk, Deputy of the State Duma of the Russian Federation. Chairman of the Technical Board — A. M. Sagalevich, Hero of Russia, oceanologist

PROJECTS:

- International expedition «Trans-Eurasian flight: Leman-Baikal»
- International expedition «MIRs» on Baikal
- Expeditions to the Patomskiy crater
- Expeditions «Selenga-Baikal»
- «Khakusy» ecological camp on Baikal
- Exhibitions and scientific conferences in Russia, France, Monaco, Mongolia
- Sailing regattas on Baikal

ADDRESS: 13 DONSKAYA STR., MOSCOW, 119049
8 (495) 933-33-10 (EXT. 2521, 2525)
CLIMATE VARIABILITY AND PREDICTABILITY 2-4

CHAIRPERSON(S): Nikolay DRONIN, Trevor FULLER

- Perception of climate change among the Evenk in Southern Yakutia: The Case of Khatysyr, Aldan District, Republic of Sakha (Yakutia)
  Antonina SAVVINOVA, Viktoriia FILIPPOVA, Alena SVINOBOEVA (Russian Federation); Trevor FULLER (USA)

- Improving Precipitation Forecasting Models In Southwestern Of Iran
  Mohammad Jafar NAZEMOSADAT (Iran)

- Formation of Heavy Precipitation in southwestern Part of Iran and its Association with the Madden-Julian Oscillation
  Mohammad Jafar NAZEMOSADAT K. SHAHGHOOLIAN; Ghaedamini, H and Mehravar. S (Iran)

- Atmospheric circulation and storm events in the Black Sea, Caspian and Baltic Sea
  Galina SURKOVA (Russian Federation)

- Long-term analysis of summer heat waves in the extreme climatic region of the Russian Far East
  Elena GRIGORIEVA (Russian Federation), Birobidzhan ICARP FEB RAS; Chris R. DE FREITAS (New Zealand); Alexey S. GRIGORIEV (Germany)

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - CONTESTED SOCIAL SPACES 1

CHAIRPERSON(S): Celine ROZENBLAT

- Sustainability of Urban Environment: A case study of South Delhi District, India
  Mohd. ISHTIYAQUE (India)

- Global City, Neoliberal Urbanism and Social Exclusion: Urban Question in Millennial Delhi
  Dhiraj BARMAN (India)

- Child Labour: A Multidimensional Social Malaise
  Keshari PRASAD (India)

- Contested Social Spaces: How Caste and Religion Matters in Urban Housing in Metropolitan India
  Anuradha BANERJEE, Anita BHARGAVA (India)

C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - TOURISM AND REGIONAL DEVELOPMENT 4: HOST AND GUESTS

CHAIRPERSON(S): Anne-Marie D'HAUSTERRE

- Changes Of Indigenous Livelihood And Place Bonding: A Case Study Of Wulai Community In Metropolitan Taipei, Taiwan
  Yin-Jen CHEN, Su-Hsin LEE and Jui-Hsiang LU (Taiwan (China))
- Casino gambling as a factor of regional development in the Slovene Istria
  Gregor BALAŽIČ, Igor JURINČIČ (Slovenia)
- The Gap of Awareness between Visitors and Hosts at Kurokawa Onsen Hot Spring Resort, Minami-Oguni, Kumamoto, Japan
  Kazuo NOZU (Japan)
- Tourism, Enclavic Spaces and Development Jarkko Saarinen
  Jarkko SAARINEN (Finland)

B216  09:30-11:00

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - CREATING SUSTAINABILITY 4
CHAIRPERSON(S): Olga VENDINA
- Ecological situation changes in the Moscow capital region over the past 25 years
  Natalia KOLDIBSKAYA, Victoria BITYUKOVA (Russian Federation)
- Dynamics of Urbanization and Deteriorating Atmospheric Quality in Metropolitan Regions of India- A Case of Agra
  Vishwa Raj SHARMA (India)
- Heavy Metals Pollution On Surface Water Sources In Kaduna Metropolis, Nigeria
  Yusuf SALEH, Aliyu Ja’afar ABUBAKAR, Kabiru SHEHU (Nigeria)
- Ciudad Juarez, Chihuahua, México, The Impact Of The Climate Change In Housing: Two Sustainabiliti Strategy S
  Elide STAINES (Mexico)
- The ecological rating of Russian cities and towns
  Victoria BITYUKOVA (Russian Federation)

building C  TUESDAY, 18 AUG.  09:30-11:00

C225  09:30-11:00

C12.03 BIOGEOGRAPHY AND BIODIVERSITY - BIOGEOGRAPHY AND CONSERVATION OF BIODIVERSITY 4
CHAIRPERSON(S): Udo SCHICKHOFF, Kazuharu MIZUNO
- Spatial restructuring of biodiversity in long time ago assimilated regions of European Russia
  under the impact of the «fast» socio-economic changes of the last decades
  Petr GLAZOV, A. TISHKOV, G. TERTITSKI, A. MEDVEDEV, M. GUNKO, N. TSAREVSKAYA,
  E. BELONOVSKAYA (Russian Federation)
- Deforestation and its Impact on Environment in Umtrew River Basin, North East India
  Dhanjit DEKA, Pradip SHARMA (India)
- Changes in Livelihood of a Shifted Forest Village: A case study on Satargaon of Rani-Garbhanga RF, Assam, India
  Pradip SHARMA, Mahfuza RAHMAN, Koichi KIMOTO (India)
- Re-Inventing A Traditional Green Product In The Contemporary Globalized World - Social Marketing Of Traditional Perfume ‘Attar’
  Soma SENGUPTA, Anjan SEN (India)

- Potential of Mountains Areas for Biodiversity Conservation in Swaziland
  Ndumiso Cyprian MAGAGULA, Sizwe MALINDZISA, Maria C. PIRES, Dlamini PHILILE B., Sibusiso A. MALAZA (Swaziland)

C 12.06 COLD REGION ENVIRONMENTS - COLD REGIONS: MONITORING, OBSERVING, UNDERSTANDING 3
CHAIRPERSON(S): Tatiana VLASOVA, Nancy DOUBLEDAY, Marie-Jeanne Sarah ROYER

- Glaciers of Chukotka (Northern Far East of Russia) – assessment of the present state and projection by a regional model scenario
  Maria ANANICHEVA, Andrey KARPACHEVSKY, Vladimir PLATONOV (Russian Federation)

- Investigation of thermokarst lake dynamics in various regions of Russian cryolithozone using satellite images
  Daria ALEKSYUTINA, Rimma MOTENKO (Russian Federation)

- Unique Holocene massive ice, the north-eastern Yamal Peninsula
  Yurij VASIL’CHUK, N. BUDANTSEVA, A. VASIL’CHUK (Russian Federation), J.CHIZHOVA, Y. PODBORNY, A. SULLINA (Russian Federation)

- Title Reconstructing glacier retreat since the Little Ice Age (LIA) in the Himachal Himalaya, North-Western part of India: an overview and specific examples
  PRITAM CHAND, Milap Chand Sharma, Sachin Kumar (India)

C12.09 ENVIRONMENTAL EVOLUTION - ENVIRONMENT EVOLUTION AND HUMAN ACTIVITY IN THE LATE QUATERNARY 2
CHAIRPERSON(S): Andrei VELICHKO, Tamara YANINA, Taibao YANG

- Intervals of rapid landscape and climate changes in the Late Pleistocene: Evidence from central Russian Plain
  Olga BORISOVA (Russian Federation)

- Palaeoecological evidence for the middle and late Holocene lake-swamp vegetation in the Oka River basin (European Russia)
  Inna ZYUGANOVA, Elena VOLKOVA (Russian Federation)

- Climate change, grain harvest fluctuation and social rise and fall in China over the past two millennia
  Yin JUN, Fang XIUQI, Su YUN (China (Beijing)

- Quantitative reconstruction of hydrological regime in a peatland ecosystem in the modern forest-steppe region during the Holocene
  Andrey TSYGANOV, Viktor CHERNYSHOV, Kirill BABESHKO, Yuri MAZEI (Russian Federation)

- Valdaian (Weichselian) Terraces in River Valleys of the Central Russian Plain
  Ekaterina MATLAKHOVA, Andrei PANIN (Russian Federation)
C12.11 GEOGRAPHICAL EDUCATION - GEOGRAPHY TEACHER EDUCATION 1
CHAIRPERSON(S): Michael SOLEM

- Role of universities in ecological education of youth in All-Russian Children’s Center “Orlyonok”
  Zinaida GORDEEVA, Marina PETRUSHINA, Olga POSTONOGOVA (Russian Federation)
- Geospatial Teaching Enrichment Modules for Teacher Education
  Michael SOLEM (USA)
- Kazdağları (Ida Mountains) As A Training Area Of Geopark And Geotourism
  Kamile GÜLÜM (Turkey)
- Developing Geography-specific pedagogical understanding: lessons with a professional compass
  Clare BROOKS (United Kingdom)

C12.11 GEOGRAPHICAL EDUCATION - NATIONAL CURRICULA AND INTERNATIONAL STANDARDS 1
CHAIRPERSON(S): Tine BENEKER

- A Comparison of the Geography Content Standards for Middle Schools in China and the United States
  Fengtao GUO, Joseph P. STOLTMAN, Yushan DUAN (China (Beijing))
- The Introduction of Geography Content Standards in Germany: Using Q Methodology to Explore Teachers’ Views of Standards
  Joseph P. STOLTMAN, Fengtao GUO (USA)
- A future for school geography in Flanders
  Luc ZWARTJES (Belgium)

C12.13 GEOGRAPHY OF GOVERNANCE - GOVERNANCE, GOVERNMENT AND DEVELOPMENT IN RURAL AND PERIPHERAL ENVIRONMENT. 1 THE LEVEL OF COMMUNITY
CHAIRPERSON(S): Tine BENEKER

- Social problems of the indigenous people in the Russian Arctic
  Tuyara GAVRILYEVA (Russian Federation)
- Impact Of Development Activities On The Tribal Communities: A Case Study Of Tapatoli Gaon Panchayat, Dimoria, Kamrup (M), Assam
  Rupali Phukan BHUYAN, Dibyalata DEVEE (India)
- Feasibility of Participatory Rural Governance in the Web of Representative Democracy – a Case Study from India
  Subhra CHATTOPADHYAY (India)
- The Problematic of ‘Good’ Governance in Globalizing Urban Regions of India
  Aparna ASHOK (India)
C12.07 CULTURAL APPROACH IN GEOGRAPHY - GLOBAL SUSTAINABILITY AND GLOBAL UNDERSTANDING

CHAIRPERSON(S): Beno WERLEN

- Land surface pattern study under the framework of Future Earth
  Shaohong WU, Yan ZHAO, Qiuhong TANG, Jinyun ZHENG, Jiangbo GAO, Tao LIANG, Quansheng GE (China (Beijing))

- Glocal Environmental Education – A Key to Global Sustainability
  Yukio HIMIYAMA (Japan)

- The hyperreal of urban space: youth on the fly create sustainable cultures
  Margaret ROBERTSON (Australia)

C12.19 HEALTH AND ENVIRONMENT - HEALTH AND HEALTH CARE 1

CHAIRPERSON(S): Svetlana Malkhazova

- New Trade Agreements: Challenges for Global Health?
  Thomas KRAFFT, Christoph ALUTTIS, Eva PILOT (The Netherlands)

- Accessing MRI Services in Ontario, Canada: Where Theory Meets Practice
  Mark ROSENBERG, Kathi WILSON (Canada)

- Health care needs and health care supply in Romania
  Daniela ZAMFIR, Liliana DUMITRACHE, Gabriel SIMION, Ilinca-Valentina STOICA (Romania)

- The Evolution Of The Population Health State In The Vatra Dornei Health Resort (Romania)
  Alexandrina CRUCEANU, Ionel MUNTELE, Gianina Maria COJOC, Alin MIHU-PINTILIE (Romania)

- Good Practices in European Public Policies to reduce Health Inequities - a multi-level policies review
  Eva PILOT, Beatrice SCHOLTES, Wang LI, Julia DOETSCH, Kai MICHELSON, Thomas KRAFFT (The Netherlands)

C12.30 MEDITERRANEAN BASIN - HUMANITY AND HUMAN ACTIVITIES UNDER CHANGING CLIMATIC CONDITIONS IN THE MEDITERRANEAN

CHAIRPERSON(S): Maria PARADISO, Barbaros GÖNENÇGİL

- Extreme Maximum And Minimum Temperature in Mediterranean Coasts in Turkey
  Barbaros GÖNENÇGİL, Zahide ACAR DENIZ (Turkey)

- Modélisation de la criticité des situations de basses eaux en région méditerranéenne - Application au bassin versant des Gardons
  Ingrid CANOVAS, Philippe MARTIN et Sophie SAUVAGNARGUES (France)
- Spatiotemporal trends and variability monthly air temperatures of Mediterranean and Aegean Sea Coastlines
  Zahide ACAR DENIZ, Barbaros GÖNENÇGİL (Turkey)
- G.C.C. and perceived quality of the tourist experience. A compared study case in a ligurian seaside resort and in Marrakech
  Mauro SPOTORNO (Italy)

**C12.28 LOCAL AND REGIONAL DEVELOPMENT - LOCAL AND REGIONAL DEVELOPMENT IN RUSSIA 2**
CHAIRPERSON(S): Petr BAKLANOV
- Spatial dynamics of the manufacturing industries’ transformation across regions of Russia in the 2000-2010s
  Igor PILIPENKO (Russian Federation)
- Economic disengagement in Russia
  Zuzanna BRUNARSKA (Poland)
- Genesis and system of scientific relations in the local scientific communities of human geographers in Russia
  Kira MORACHEVSKAIA, Dmitry ZEMLYANSKIY, Vladimir SHUVALOV (Russian Federation)
- Russia’s Spatial Organization Before Tectonic Shift
  Viacheslav SHUPER (Russian Federation)

**C12.06 COLD REGION ENVIRONMENTS / C12.32 MOUNTAIN RESPONSE TO GLOBAL CHANGE - MOUNTAIN CRYOSPHERE IN A CHANGING CLIMATE: DATA AND OBSERVATIONS 1**
CHAIRPERSON(S): Tatiana VLASOVA, Tatiana KHROMOVA
- Monitoring snow cover variability in the Upper Rhine Region with improved MODIS snow products and a hydrological model
  Chunyu DONG, Lucas Menzel (Germany)
- Comparing the evolution of a debris-covered glacier and a clean-ice glacier
  Pierre LARDEUX (France); Neil GLASSER, Tom HOLT, Bryn HUBBARD (United Kingdom)
- Temperature inversions in the mountain-hollows landscapes of southwestern Pribaikalie
  Nadezhda VOROPAY, Oxana VASILENKO (Russian Federation)
- Simultaneous isotope-hydrochemical investigations and modeling to study the runoff valuations of highland catchments (case study for Dzankuat river basin, North Caucasus)
  Nadezhda LOSHAKOVA, E. RETS, J. CHIZHOVA, Yu. VASILCHUK, I. TOKAREV, N. BUDANTSEVA, N. FROLOVA, M. KIREEVA, V. POPOVNIN (Russian Federation)
- Mountain glaciers changes on the territory of Russia
  Tatiana KHROMOVA, Gennady NOSENKO, Stanislav NIKITIN, Anton MURAVIEV (Russian Federation)

**C12.33 POLITICAL GEOGRAPHY - PROBLEMS OF CONTEMPORARY POLITICAL GEOGRAPHY AND GEOPOLITICS 1**
CHAIRPERSON(S): Innocent MOYO, Christopher C. NSHIMBI
Cross border economic inequalities, interactions and regional integration: the Francistown-Plumtree interface
Inocent MOYO (South Africa)

Analysis of Israel interaction with countries of the region and examination of opportunities and threats after 2000
Abedin GHASEMIAN (Iran)

International struggle against nuclear terrorism: political and geographical aspects
Arseny GUSAKOVSKY (Russian Federation)

C201
09:30-11:00
C12.14 GLOBAL INFORMATION SOCIETY / C12.15 GEOGRAPHY OF TOURISM, LEISURE, AND GLOBAL CHANGE / C12.30 MEDITERRANEAN BASIN/ C12.39 URBAN CHALLENGES IN A COMPLEX WORLD
-MEGA EVENTS: THE ROLE OF SPECTACLE IN URBAN DEVELOPMENT 1
CHAIRPERSON(S): Mark WILSON

Evaluating the Long Term Value of Mega Event Legacies
Mark WILSON (USA)

An archeology of mega-events? The example of the pilgrimage of Lourdes (France)
Oivier LEFEBVRE (France)

Mega Events as drivers of socio-economic development of cities (on the example of the Olympic Games Sochi-2014)
Mariya GORYACHKO, V.L. BABURIN, P.L. KIRILLOV (Russian Federation)

C253
09:30-11:00
C12.12. GEOGRAPHICAL INFORMATION SCIENCE - BUSINESS MEETING

C255
09:30-11:00
FREE ECONOMIC ZONE PHENOMENON: THEORETICAL ANALYSIS AND CASE STUDIES 1
CHAIRPERSON(S): Guangwen MENG, Hans GEBHARDT

Free Economic Zones and Development on the Mexico –Belize Border Region
Francisco LLERA, Angeles LOPEZ-NORES (Mexico)

Free Economic Zones and Uneven Geographical Development
Ferenc GYURIS

Globalization And Financial Integration And Technology Between Countries Emerging: The Fostering Bank Of Brics (Brazil, Russia, India, China And South Africa)
Hindenburgo Francisco PIRES (Brazil)

C355
09:30-11:00
C12.40 WATER SUSTAINABILITY - HYDROLOGICAL PROCESSES AND MANAGEMENT OF STRESSED WATER RESOURCES 2
CHAIRPERSON(S): Frank WINDE, Maria KIREEVA
Integrating regional climate, hydrologic, and ecosystem models for streamflow allocation in arid watersheds in Northwestern China
Chansheng HE, Lanhui ZHANG, Juan GU, Baoqing ZHANG (USA)

Hydrological characteristics typical of the basin of a small Middle Don river
Denis SOLODOVNIKOV, Sergey KANISCHEV, Valery ZALEPUKCHIN, Nikolay VISHNYAKOV, Vera BODROVA, Pavel PLYUSCHENKO (Russian Federation)

A Study on Channel Migration Process of Kundil river in Sadiya Region, Assam, India
Ratul DAS, Barnali GOGOI (India)

Extremal rainfall flood in Russian submountain regions
Natalia SELEZNEVA (Russian Federation)

C203(B) 09:30-11:00
C12.10 GENDER & GEOGRAPHY / C12.34 POPULATION GEOGRAPHY COMMISSION - GEOGRAPHIES OF INTERNATIONAL STUDENT MOBILITY: THE ROLES OF GENDER, CLASS AND ETHNICITY
CHAIRPERSON(S): Yvonne RIAÑO, Allan FINDLAY

When and how does gender play a role in processes of student mobilities? Insights from Switzerland
Yvonne RIAÑO, Etienne PIGUET, Annique LOMBARD (Switzerland)

Does the marketization of higher education shape the gender and class composition of international student mobility to the UK?
Allan FINDLAY, Helen PACKWOOD, Russell KING (United Kingdom)

Beyond career and labour prospective: Migration and mobility of international postgraduate students in Barcelona universities
Cristobal MENDOZA, Anna ORTIZ GUITART (Mexico)

Migration of human capital and geographical mobility of Philippine university students
Evans Rosauro I YONSON (Philippines)

11:00-11:30 COFFEE BREAK

ASSEMBLY HALL PLENARY LECTURE 11:30-13:00

«The Relevance of Cartography»
Professor Georg GARTNER (Austria)

«Cultural complexity of contemporary nations»
Professor Valery TISHKOV (Russia)

13:00-14:00 - LUNCH

C307
13:00-14:00 MEETING OF IGU EC WITH COMMISSIONS’ CHAIRS, HEADS OF IGU NATIONAL COMMITTEES, GEOGRAPHICAL SOCIETIES AND ASSOCIATIONS
CLIMATE VARIABILITY AND PREDICTABILITY 1-1
CHAIRPERSON(S): Youmin TANG, Soon-II AN

- New perspectives and challenges in ENSO research
  Dake CHEN, Tao LIAN, Youmin TANG, Xunshu SONG (China (Beijing))
- The role of atmosphere intraseasonal disturbances in El Niño generation
  Daria GUSHCHINA, Boris DEWITTE (Russian Federation)
- La Nina events space classification and their typical features
  Olesia MARCHUKOVA, Elena VOSKRESENSKAYA (Russian Federation)
- Hadley and Walker cells circulation anomalies during two types of El-Nino events
  I.V.SAZHIN, I.V.ZHELEZNOVA (Russian Federation)
- New Methods in Tornado Research
  James B. ELSNER (USA)

C12.15 GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - TOURISM AND REGIONAL DEVELOPMENT 5: PLANNING AND IMPACTS
CHAIRPERSON(S): Dieter K.MULLER

- Tourism and recreation space as an object of regional policy
  Natalya ZIGERN-KORN (Russian Federation)
- Kano Tourism Industry: Untapped Revenue And Employment Generation Potentials
  Ado Mukhtar BICHI, Muhammad MURTALA (Nigeria)
- Regional aspects of investment policy in the tourism and recreational complex in Southern Russia
  Anatoly FILOBOK, V. MINENKOVA, D. SIDOROVA, M. BELIKOV (Russian Federation)

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - CREATING SUSTAINABILITY 5
CHAIRPERSON(S): Natalia KOLDOBSKAYA

- Creating Sustainability through Corporate Social Responsibility in Garhwal Himalaya, Uttarakhand, India
  Suresh Kumar BANDOONI, V.S. NEGI, Arun Kumar TRIPATI, Mirana DEVI (India)
- The challenge of ‘runaway cities’ and search for sustainability across city scales in Kampala, Africa
  Shuaib LWASA (Uganda)
- Urban Environmental Challenges Of India: A Case Study Of Delhi
  Monica AHLAWAT (India)
- Development, Displacement and Sustainability Among the Tribes: A Study of Sardar Sarovar Project in India
  Dalal SUSHIL (India)
**C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - CONTESTED SOCIAL SPACES 2**

**CHAIRPERSON(S):** Celine ROZENBLAT

- **Makeover Of Selected Urban Villages In Delhi, India: The Dominant Role Of Transportation Lines**
  Anjana Mathur JAGMOHAN, Jag MOHAN (India)

- **Homelessness Impact On The Quality Of Urban Social Environment**
  Mirela PARASCHIV, Ioan IANOȘ, Irina SAGHIN (Romania)

- **Asymmetry of Culturally Contested Urban Spaces in Israel: Ultraorthodox versus the Non-Orthodox Jews**
  Amiram GONEN (Israel)

- **New urban spaces, young people and liveability: Ecological transition**
  Margaret ROBERTSON (Australia)

- **China’s new generation migrant workers’ urban experience and well-being**
  Shenjing HE, Yuting LIU, Kun WANG (China)

**B113**  
**THEMATIC LECTURES**  
**14:00-15:30**

- **The spatial control of «vices» in the U.S. military outpost: Value contradictions in a long-term stationing on foreign soil (sponsored by the international journal Geopolitics)**
  Professor Takashi YAMAZAKI (Japan)

- **Leadership and excellence in learning and teaching Geography**
  Professor Karl DONERT (Austria)

**building C**  
**TUESDAY, 18 AUG. 14:00-15:30**

**C225**  
**14:00-15:30**

**C12.03 BIOGEOGRAPHY AND BIODIVERSITY - BIOGEOGRAPHY AND CONSERVATION OF BIODIVERSITY 5**

**CHAIRPERSON(S):** Udo SCHICKHOFF, Kazuharu MIZUNO

- **Biomes of Russia: the experience of review bioecological mapping**
  Tatyana KOTOVA, G.N. OGUREEVA, M.V. BOCHARNIKOV, I. M. MIKLYAEVA, S. V. DUDOV (Russian Federation)

- **Modern trends of vertebrate fauna changes in the zonal ecotone of the southern taiga and mixed coniferous-broad-leave forests at the Valdai Hills**
  Olga LEONTYEVA, D.M.GLAZOV, P.M. GLAZOV, L.A. KHLYAP, A.A. MEDVEDEV, V.I. NIKOLAEVA, A. A.TISHKOV (Russian Federation)

- **Entomogeography: Past, Present, Future**
  Mikhail SERGEEV (Russian Federation)

- **Development of representative network of Marine Protected Areas in the Russian Arctic**
  Boris SOLOVYEV, I. ONUFRENYA, D. GLAZOV, A. SAVELIEV, V. SPIRIDONOV, D. DOBRYNIN, A. PANTYULIN, E. CHUPRINA, N. PLATONOV (Russian Federation)

- **Climate Change Impacts On Ecosystem And Biodiversity In Nigeria**
  Haruna Kuje AYUBA (Nigeria)
Hydrological processes in post-fire permafrost environment: the case study of mountainous watersheds in Eastern Siberia
Nataliia NESTEROVA, Liudmila LEBEDEVA, O.SEMENOVA (Russian Federation)

Features of modern hydromorphological processes in the Lena River delta
Denis AIBULATOV, Dmitry MAGRITSKY, A. GORELKIN (Russian Federation)

La vie des banquises côtières de la mer Blanche et la dynamique des rivages
Fedor ROMANENKO, Tatyana REPKINA, Ludmila EFIMOVA (Russian Federation)

Historical trends of ecosystem services utilization in the landscapes of Germany
Mikhail LIBERMAN, Emma ROMANOVA (Russian Federation)

Transmission of climate change impacts from temperature change to grain harvests, famines and peasant uprisings in the historical China
Fang XIUQI, Su YUN, Yin JUN, Teng JINGCHAO (China (Beijing))

Hydraulic modelling of the Black Sea level change during the last 21,000 years
Aleksy SIDORCHUK, O. BORISOVA, A. PANIN (Russian Federation)

Evolution of technogenic landscapes on the territory of Verhnekamskoye Potash Deposit
Elena KHAYRULINA, N.G. MAKSIMOVICH (Russian Federation)

Early Holocene vegetation and climate dynamics in the central part of the European Russia
Alexander OLCHEV, E. NOVENKO (Russian Federation)

Using Modified Problem-based Learning: a pedagogy to prepare geography student-teacher
Tammy KWAN (China (Hong Kong))

Activity technologies in school geographical education (from experience of an experimental platform of Moscow State Pedagogical University)
Elena TAMOZHNAIA (Russian Federation)

Educational Field Trips are Alive and Well: The Contemporary Learning Environment
Yael SNEH (Israel)

Doing Geography: The Role of the Body in Singapore Pre-Service Teachers’ Subject Conceptions and Practice
Tricia SEOW (Singapore)
C12.12 GEOGRAPHICAL INFORMATION SCIENCE - GISCIENCE AND GEOGRAPHY EDUCATION: FROM LEARNING AND DISCOVERY TO SCIENCE
CHAIRPERSON(S): Francis HARVEY, Andrey MEDVEDEV

- Geovisualization in Multiscale Environments: Mapping Hierarchies By Different Representation Techniques
  Timofey SAMSONOV (Russian Federation)

- Geoportal for large-scale archival maps of the provinces and territories of Russia in XIX century
  Vladimir SHEKOTILOV, Oleg LAZAREV, Oksana LAZAREVA, Maria SHALAEVA , Andrey SHEKOTILOV, Svetlana SHEKOTILOVA, Irina SUROVCEVA (Russian Federation)

- Reconsidering accuracy in an era of ubiquitous cartography
  Francis HARVEY (Germany)

C12.13 GEOGRAPHY OF GOVERNANCE - GOVERNANCE, GOVERNMENT AND DEVELOPMENT IN RURAL AND PERIPHERAL ENVIRONMENT. 2 ENVIRONMENTAL GOVERNANCE AND DEVELOPMENT
CHAIRPERSON(S): Jan BUCEK, Carlos Nunes SILVA

- Influencing factors of firewood consumption of rural household in restricted development zones: a case study of the Nujiang Prefecture in Yunnan Province
  Wei SUN, HU Wangshu, YAN Mei, LV Chen (China (Beijing))

- Spatial Planning of Water Resource Development in Bhutan
  Kausila TIMSINA (India)

- Future-orientation municipal waste management planning in Limpopo province, South Africa
  Virginia MUDAU (South Africa)

C12.07 CULTURAL APPROACH IN GEOGRAPHY - PERFORMING PLACES, CULTURES AND NATURE IN DIFFERENT SOCIAL AND GEOGRAPHIC SETTINGS 1
CHAIRPERSON(S): Louis DUPONT

- Performing space and places: theoretical foundations for a renewed approach in geographic researches
  Louis DUPONT, Rachele BORGHI (France)

- Performing in a national and international congress: English or not English?
  Nathalie LEMARCHAND, Antoine Le BLANC (France)

- La mobilité à pied des adolescents : pratiques et performances dans l’espace public
  Florence HUGUENIN-RICHARD (France)
C12.19 HEALTH AND ENVIRONMENT - HEALTH AND HEALTH CARE 2
CHAIRPERSON(S): Wuyi WANG

- Unraveling Romanian Health Professional Emigration: Myth or Reality?
  Liliana DUMITRACHE, Mariana NAE, Daniela ZAMFIR (Romania)

- Recent Immigrants’ Access to Health Care in Ontario, Canada: Examining the Impact of Health Care Policy
  Kathi WILSON, M.W. ROSENBERG, Nicole RATTI, Michele COLLEY (Canada)

- The Evolution Of The Population Health State In The Vatra Dornei Health Resort (Romania)
  Alexandrina CRUCEANU, Ionel MUȚELE, Gianina Maria COJOC, Alin MIHU-PINTILIE (Romania)

- Longevity in China: environmental, social-economic and policy perspective
  Li WANG, Yonghua LI, Jennifer HOLDAWAY, Wuyi WANG; Thomas KRAFFT (The Netherlands)

C12.30 MEDITERRANEAN BASIN - BUSINESS MEETING

C12.28 LOCAL AND REGIONAL DEVELOPMENT - BUSINESS MEETING

C12.06 COLD REGION ENVIRONMENTS / C12.32 MOUNTAIN RESPONSE TO GLOBAL CHANGE - MOUNTAIN CRYOSPHERE IN A CHANGING CLIMATE: DATA AND OBSERVATIONS 2
CHAIRPERSON(S): Tatiana VLASOVA, Tatiana KHROMOVA

- Possible causes of the intensive melting of glaciers of the Greater Caucasus in the last 20 years
  Pavel TOROPOV, Vladimir MIKHAILENKO, Stanislav KUTUSOV, Ivan LAVRENTIEV, Polina MOROZTOVA (Russian Federation)

- Isotopic composition of snow in Eastern Alps, NW Slovenia
  Polona VREČA, Mihael BRENCIČ, Iztok SINJUR, Gregor VERTAČNIK, Jaka ORTAR, Manca VOLK BAHUN, Miha PAVŠEK, Dušan POLAJNAR (Slovenia); Sergey SOKRATOV (Russian Federation)

- Dynamics of the glaciers of southwestern Altai and northwestern Mongolia since the LIA
  Dmitry GANIUSHKIN, Kirill CHISTYAKOV (Russian Federation)

- Present glaciation of southeastern Altai and northwestern Mongolia
  Dmitry GANIUSHKIN, Kirill CHISTYAKOV (Russian Federation)
C202 14:00-15:30

C12.33 POLITICAL GEOGRAPHY - PROBLEMS OF CONTEMPORARY POLITICAL GEOGRAPHY AND GEOPOLITICS 2
CHAIRPERSON(S): Innocent MOYO, Christopher C. NSHIMBI

- Towards a single African economic space: informal cross-border traders and the COMESA-EAC-SADC tripartite free trade area negotiations
  Christopher C. NSHIMBI (South Africa)

- The Importance of Aarhus Convention implementation for Developing Countries
  Larisa JOVANOVIC, Slavko VUKŠA (Serbia)

- The Israel - Syria border - a hundered years of unsolved boundary
  Gideon BIGER (Israel)

C201 14:00-15:30

C12.14 GLOBAL INFORMATION SOCIETY/ C12.15 GEOGRAPHY OF TOURISM, LEISURE, AND GLOBAL CHANGE/ C12.30 MEDITERRANEAN BASIN/ C12.39 URBAN CHALLENGES IN A COMPLEX WORLD
- MEGA EVENTS: THE ROLE OF SPECTACLE IN URBAN DEVELOPMENT 2
CHAIRPERSON(S): Mark WILSON

- Mega-event as a tool in the optimization of urban spatial structure: An entrepreneurial city in action
  Lingyue LI, Roger C. K. CHAN, Ying LUO (China (Hong Kong))

- Mega-events and festivals as indicators of world urban system from a cognitive-cultural dimension
  Roberto DIEZ PISONERO (Spain)

- Mega Sporting Events and Realities of Long-Term Grandeur Impacts on Urban Areas
  Robert C. SCHNEIDER (USA)

C253 14:00-15:30

COASTAL EROSION AND DYNAMICAL PROCESSES IN THE NEARSHORE ZONE 1
CHAIRPERSON(S): Ruben KOSYAN

- The impact of the Sea Level rise on the air passenger and freight transport for the European Union
  Leonid SOROKIN (Russian Federation)

- Sediment Characteristics of the Beach and Subtidal Zone in Shindu Marine Protect Area
  Young Ho SHIN, Jong Cheol SEO (Republic of Korea)

- Wave transformation due underwater bars
  Dmitry KORZININ, Sergey KUZNETSOV, Yana SAPRYKINA, Andrey KOVALENKO (Russian Federation)
- Changes In The Climatological Cycles Of The Southern Brazilian Coast And Its Consequences For Management Of Coastal Environments Subject To Erosion
  Miguel da GUIA ALBUQUERQUE, Iran CORRÊA, Lauro CALLIARI, Jean ESPINOZA, Deivid LEAL ALVES (Brazil)
- The changing dynamics of the marine margin of the Kuban river delta under the influence of natural and anthropogenic factors
  Dmitry MAGRITSKY, A. IVANOV (Russian Federation)

**C255** 14:00-15:30

FREE ECONOMIC ZONE PHENOMENON: THEORETICAL ANALYSIS AND CASE STUDIES 2

**CHAIRPERSON(S):** Guangwen MENG, Hans GEBHARDT

- North Korean Special Economic Zones along the DMZ-Border: More than a relict of ambitious political strategies?
  Bernhard KOEPPEN (Luxembourg)
- Towards a Zoning State? Global Imagined Economy and Post-developmental Zoning Technologies
  Jinn-yuh HSU (Taiwan (China))
- Transforming Cross-Border Trade into Cross-Border Economic Zones
  Florian A. ALBURO (Philippines)

**C355** 14:00-15:30

C12.40 WATER SUSTAINABILITY - HYDROLOGICAL PROCESSES AND MANAGEMENT OF STRESSED WATER RESOURCES 3

**CHAIRPERSON(S):** Frank WINDE, Maria KIREEVA

- Predicting the fate of dried-up springs due to mining-related dewatering of a karst aquifer using a Darcy-based approach
  Frank WINDE, Aljoscha SCHRADER, Ewald ERASMUS (South Africa)
- The difficulties of snow modelling in complex environments: the case of the Alps
  Claudio CASSARDO, S. TERZAGO, G. BALSAMO (Italy)
- Water use within transboundary basins in Russia and Kazakhstan (the case of Irtysh basin)
  Nataliya FROLOVA, Valeriya IVANOVSKAIA (Russian Federation)
- Estimation of water impact on water reservoirs from switch to variable level of pre-flood drawdown
  Alexey Aleksandrovsckiy, M. S. Podolskiy (Russian Federation)

**C359** 14:00-15:30

C12.38 TRANSPORT AND GEOGRAPHY - GEOGRAPHICAL IMPACTS OF TRANSPORT AND REGIONAL DEVELOPMENT 4

**CHAIRPERSON(S):** Andrew GOETZ, Anastasia LOMAKINA

- The governance of transport infrastructures in Spain: tensions from the state to the regional level
  Mateo Varela CORNADO, Rubén LOIS, Miguel PAZOS (Spain)
- Small regional air transport 2.0 - a way to enhance regional accessibility in Europe?
  Sven MAERTENS (Germany)
Road Traffic Accident Patterns in Vhembe district, Limpopo, South Africa; Action Decade for Road Safety Begins
Nthaduleni NETHENGWE, Olujimi OSIDELE, Farai DODONFEMA (South Africa)

The 3Ss of car use. Understanding the influence of socioeconomic and lifestyle attributes on modal choice and car use in the Barcelona Metropolitan Region
Oriol MARQUET, Julio A. SORIA-LARA, Carme MIRALLES-GUASCH (Spain)

15:30-16:00 - COFFEE BREAK

building B

CLIMATE VARIABILITY AND PREDICTABILITY 1-2
CHAIRPERSON(S): Youmin TANG, Soon-Il AN

- The Early-1990s Climate Shift in the Pacific: Its Linkages to ENSO, Decadal Drought Pattern in China, and Atlantic Multi-decadal Oscillation
  Jin-Yi YU, Houk PAEK, Chengcheng QIAN (USA)

- The interdecadal change of ENSO impact on wintertime East Asian climate
  XiaoJing JIA, Hai LIN (China (Beijing))

- Climate change sensitivity analysis for agriculture in a region with an extreme thermal range
  Chris R. DE FREITAS (New Zealand); Elena GRIGORIEVA (Russian Federation)

- Interannual variability of cloudiness from the end of the 19th century in the Atlantic Arctic
  Alexander CHERNOKULSKY, I.N. ESAU, O.N. BULYGINA, I.I. MOKHOV, V.A. SEMENOV (Russian Federation)

- Synoptic aspects of winter warming in the Arctic
  Kirill TUDRIY, E.K. SEMENOV, N.N. SOKOLIKHINA, M.V. SHCHENIN (Russian Federation)

C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - TOURISM AND REGIONAL DEVELOPMENT 6: BUSINESS PERSPECTIVES
CHAIRPERSON(S): Anne-Marie D’HAUSTERRE

- Country brand promotion on international tourism markets
  Tatiana VALKOVA, Yuilia GERASIMOVA (Russian Federation)

- Geographical diversification of Chinese tourism enterprises and its driving factors
  Caiping WANG, Honggang XU, Xia LI (China (Beijing))

- Geoeconomic Marketing Of Tourist – Recreational Territories
  Maria KONONOVA (Russian Federation)
C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - DILEMMAS OF AGING CITIES
CHAIRPERSON(S): Natalia KOLDOBSKAYA

- Research on Behavior and Influential Factors of Household Intergenerational Cohabitation / Separation Residency of Chinese Urban Citizens: A Case Study in Chengdu
  Mei mei WANG, Yong chun YANG (China (Beijing))
- Elderly Women In Indian Families: Verge Of Discrimination
  Yatish KUMAR (India)
- From Relative To Absolute Declining: The Case Of Trieste
  Gianfranco BATTISTI (Italy)
- Challenges Faced By the Elderly: A Case Study of Kolkata, India
  Anuradha BANERJEE, Chandreyi BANERJEE (India)
- Demographic Transition and Population Aging in South India: Implication and Challenges
  Yatish KUMAR (India)

B 204

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - CONTESTED SOCIAL SPACES 3
CHAIRPERSON(S): Celine ROZENBLAT

- Segregation and concentrated urban poverty in Cape Town
  Herman GEYER, Faizel MOHAMMED (South Africa)
- Differences in contemporary gentrification between a capitalist city and a post-communist city
  Yoshihiro FUJITSUKA (Japan)
- Changing ethnic neighborhood and social relations among local entrepreneurs in Toronto’s Little Portugal
  Koki TAKAHASHI (Japan)
- A Spatial Analysis of Food Deserts in Toronto Metropolitan Area
  Shuguang WANG, Hong CHEN (Canada)

C12.03 BIOGEOGRAPHY AND BIODIVERSITY - RESPONSE OF MOUNTAIN ECOSYSTEMS TO CLIMATE CHANGE
CHAIRPERSON(S): Udo SCHICKHOFF, Suraj MAL

- Projected Climate Change Impact on Bioclimatic Zones, Terrestrial Ecosystems and Biodiversity in the Asian Highlands
  Robert ZOMER, Jianchu XU, Mingcheng WANG (China (Beijing))
Estimating recent glacier changes in Nanda Devi region, Central Himalaya, India, using Remote Sensing data
Suraj MAL, RB SINGH (India); Udo SCHICKHOFF (Germany)

Ecosystem change of the Mongol Altai mountain range
Tsedevdorj SER-OD, Ayurzana CHANTUU, Bat-Erdene TSEDEV, Amgalan AVKHINSUKH, Enkhjargal PUREVSUREN, Getsel Uranchimeg (Mongolia)

Dynamics of mountain landscapes of the Northern Caucasus as response to current climatic changes
Marina PETRUSHINA, Elena SUSLOVA (Russian Federation)

C229 16:00-17:30

C12.06 COLD REGION ENVIRONMENTS - COLD REGIONS: MONITORING, OBSERVING, UNDERSTANDING 5
CHAIRPERSON(S): Tatiana VLASOVA, Nancy DOUBLEDAY, Marie-Jeanne Sarah ROYER

Evolution and genesis of permafrost peatlands in southern limit of cryolithozone in European North-East
Alexandr PASTUKHOV, Dmitry KAVERIN, T. MARCHENKO-VAGAPOVA, N. GONCHAROVA (Russian Federation)

Primary production features in the north-western Bering Sea
Kirill KIVVA, Antonina POLIAKOVA (Russian Federation)

Cryolithozone Landscapes as an Object of Anthropogenic Impacts
Nelly TUMEL, Natalya KOROLEVA, Svetlana DEDYUSOVA, Larisa ZOTOVA (Russian Federation)

Comprehensive geomorphologic studies of the Antarctic
S. BOLTRAMOVICH, A. LASTOCHKIN, M. KALYGIN, Andrey ZHIROV (Russian Federation)

Geographical Information System for Sustainable Arctic Technology
Nataliya MARCHENKO (Norway)

C233 16:00-17:30

C12.11 GEOGRAPHICAL EDUCATION - GEOGRAPHY TEACHER EDUCATION 3
CHAIRPERSON(S): Joop van der SCHEE

An Assessment of the Beginning Teachers’ Conceptions of Fieldwork in Geography in Singapore
Geok Chin Ivy TAN, Qiu Fen Jade CHEN (Singapore)

Teachers as curriculum leaders: a GeoCapabilities Approach
Karl DONERT (United Kingdom)

The Transmedia Storytelling in teaching Geography: the case of the “Transmedia Storytelling Project Carioca Traffic”
Yan NAVARRO (Brazil)

Teachers envisioning future geography education at their schools
Tine BÉNEKER, Hans PALINGS (The Netherlands)
C214 16:00-17:30

C12.13 GEOGRAPHY OF GOVERNANCE - GOVERNANCE BETWEEN THEORY AND PRAXIS – MULTILEVEL AND NETWORK GOVERNANCE IN SPATIAL PERSPECTIVE. SPATIAL GOVERNANCE: NEW PROBLEMS AND APPROACHES

CHAIRPERSON(S): Jan BUCEK, Tomasz KACZMAREK

- The Global Control Of Governance Of The Internet By Internet Corporation For Assigned Name And Numbers (Icann) - 1998-2015
  Hindenburgo Francisco PIRES (Brazil)

- Integrated maritime policy for the Black Sea
  Natasa Maria TATUI-VAIDIANU, Ioan IANOS (Romania)

- Governance in national urban policy formation in Slovakia
  Jan BUCEK (Slovakia)

- Multi-scalar State Spatial Selectivity and Variegated Spatiality: a Reflection on China’s Hybrid Socialist Market Economy
  Xiaoxia XU (China (Hong Kong))

C235 16:00-17:30

C12.13 GEOGRAPHY OF GOVERNANCE - DEVELOPMENT, SPATIAL PLANNING AND GOVERNANCE. 1 NATIONAL, REGIONAL AND URBAN LEVELS

CHAIRPERSON(S): Jan BUCEK, Carlos Nunes SILVA

- The Administrative Region and the Territorial Structuring in Romania
  Ioan IANOS, Irina SAGHIN (Romania)

- The multi-scale new area strategy in transitional China: Evidence from Chongqing Liangjiang
  Lingyue LI (China (Hong Kong))

- Intentionally territories of risk and the government’s responsibility to reduce indices of homicides
  Erica FERRER (Brazil)

- State-Space and Urban-Regional Development in China
  Roger C. K. CHAN (China (Hong Kong))

C215 16:00-17:30

C12.07 CULTURAL APPROACH IN GEOGRAPHY - PERFORMING PLACES, CULTURES AND NATURE IN DIFFERENT SOCIAL AND GEOGRAPHIC SETTINGS 2

CHAIRPERSON(S): Louis DUPONT

- Relocation of Kurmanj Kurds leading to different cultural geography in the North-East of Iran
  Tiam Mohammadzade MIRAKI, Nooshin HOSSEINI (Iran)

- La performance du funkeiro comme forme de résistance aux normes hégémoniques sur les plages de Rio de Janeiro
  Claire BRISSON (France)

- Femme des villes, homme des champs. Performer le genre et l’espace
  Marianne BLIDON (France)
C12.19 HEALTH AND ENVIRONMENT - HEALTH AND HEALTH CARE 3

CHAIRPERSON(S): Thomas Krafft

- Spatial temporal analysis of public health in regions and cities of Russia
  Natalia Shartova, Svetlana Malkhazova (Russian Federation)

- Spatial optimization of residential care facility location in Beijing, China
  Yang Cheng, Zhuolin Tao, Teqi Dai (China (Beijing)); Mark Rosenberg (Canada)

- Geographical Variations in Utilization of Antenatal Care Services among Urban Women in India: Problems and Prospects
  Laxmi Kant Prakash Prem, Anuradha Banerjee (India)

C12.28 LOCAL AND REGIONAL DEVELOPMENT - LOCAL AND REGIONAL DEVELOPMENT IN RUSSIA 3

CHAIRPERSON(S): Bella KrasnoyaroVa

- Types of regional economic development in Russia
  Stepan Zemtsov, Alexandra Bozhechkova, Alla Sorokina (Russian Federation)

- The cycles and the types of structural transformation in the various territorial social-economic systems of Pacific Russia
  Petr Baklanov (Russian Federation)

- New dimensions of local and regional development in new Russia
  Tatyana Bochkareva (Russian Federation)

- Import substitution - requisite condition for sustainable development of the region in the modern conditions
  Elena Inyakina, Tamara Khudyakova (Russian Federation)

C12.25 LANDSCAPE ANALYSIS AND LANDSCAPE PLANNING - RESULTS AND PROBLEMS OF LANDSCAPES PLANNING AND LANDSCAPE GOVERNANCE

CHAIRPERSON(S): Kirill Chistyakov, Ashot Khoetsyan

- Landscape planning on the basis of geosystem theory
  Vladislav Sysuev (Russian Federation)

- Geographical principles of landscape planning
  Alexander Khoroshev (Russian Federation)

- Assessment of Landscape Potential of Moscow for Land-use Planning
  Vyacheslav Nizovtsev (Russian Federation)

- Assessment of the geocological state of landscapes basing on their assimilation potential
  Emma Romanova, Anton Bulokhov, Marina Arshinova, Ali Alyautdinov (Russian Federation)
C12.33 POLITICAL GEOGRAPHY - PROBLEMS OF CONTEMPORARY POLITICAL GEOGRAPHY AND GEOPOLITICS 3

CHAIRPERSON(S): Inocent MOYO, Christopher C. NSHIMBI

- Political geographies of Urban Multilingualism: An exploration of Linguistic Mental Maps of Amsterdam
  Virginie MAMADOUH, Nesrin El AYADI (The Netherlands)
- De-Russianization of the Western Post-Soviet Space: Between the Thick and Thin Nationalising Processes
  Petr DOSTÁL, Libor JELEN (Czech Republic)
- Economic and Political Factors in the Clean Energy Question
  Gianfranco BATTISTI (Italy)

C253 COASTAL EROSION AND DYNAMICAL PROCESSES IN THE NEARSHORE ZONE 2

CHAIRPERSON(S): Sergey KUZNETSOV

- Water temperature variability in the gradient-vorticity wave field in the Japan/East Sea Tsushima/Ulleung Basin
  Anastasia ZVEREVA, Victor FOUX (Russian Federation)
- Morphological Evolution of the Sakhalin Coastal Lagoons (Sea of Okhotsk)
  Petr BROVKO (Russian Federation)
- Numerical study of coastal processes in Gelendjik Bay, effect of the proposed port
  Igor KANTARZHI, Mark ZHELEZNYAK, Sergei KIVVA, Pavlo KOLOMIETS, Raisa DEMCHENKO, Maxim SOROKIN (Russian Federation)
- Some Basic Physical Mechanisms Of Sediment Transport In The Nearshore Zone
  Ruben KOSYAN (Russian Federation)

C355 WATER SUSTAINABILITY - HYDROLOGICAL PROCESSES AND MANAGEMENT OF STRESSED WATER RESOURCES 4

CHAIRPERSON(S): Frank WINDE, Maria KIREEVA

- Discharge decline, hydric availability, risks and vulnerability in the low Paraíba do Sul River, Rio de Janeiro, Brazil
  Adriana Filgueira LEITE (Brazil)
- Hydrological Regime-based Flood and Drought Prevention Method for Lakes with Seasonal Water Level Fluctuations in Monsoon Regions------A Case Study of Poyang Lake, China
  Guishan YANG (China (Beijing))
- Changes of rainfall characteristics and water hazards over the past fifty years in the Pearl River basin, South China
  Yongqin David CHEN (China (Hong Kong))
- Water use within transboundary basins in Russia and Kazakhstan (the case of Irtysk basin)
  Nataliya FROLOVA, Valeriya IVANOVSKAYA (Russian Federation)
POSTER EXHIBITION

C12.03 BIOGEOGRAPHY AND BIODIVERSITY - BIOGEOGRAPHY AND CONSERVATION OF BIODIVERSITY

- Influence of lighting conditions on spectral and morphometric characteristics of Hordeum Vulgare
  Elena GOLUBEVA, Mikhail ZIMIN, Olga TUTUBALINA, I. SADOVAYA (Russian Federation)

- Changes of Wildlife Biodiversity in the European Russia (the End of the XVIII Century – XXI Century)
  Vadim RUMIANTSEV, Alexey GOLUBINSKY, Mikhail SOLDATOV, Dmitry KHITROV, Anton ARUTIUNOV (Russian Federation)

- A Research on the Features of Plant Diversity at Ebinur Lakeside Wetlands
  Yanhong LI, Wang PANPAN, Yuan JIE, Jin LI (China (Beijing))

- Series of soil properties maps in the Ecological Atlas of Russia
  Maria GERASIMOVA, Maria BOGDANOVA, Tatiana KOTOVA (Russian Federation)

- Influence of Sea of Japan upon the Structure of Oak Forests in the Coastal Zone of the Eastern Sikhote Alin Mountains
  Valentina MAKSIMOVA, Elena GOLUBEVA (Russian Federation)

- Identification of vegetation types and ecosystems associated with atlantic forest in the Ilha Grande, Rio de Janeiro state, Brazil
  Yame Medina RAMOS, Heloisa Helena Gomes COE, André Luiz Carvalho da Silva, Emily GOMES, Leandro de Oliveira Furtado de Sousa (Brazil)

- Invasive Species and Fire: A Double Blow to Biodiversity Conservation in Southern Africa
  Sibusiso MALAZA, Candice GREENLAND, Siphumelele NKOMO, Philile DLAMINI, Fadzai PWITI (Swaziland)

- Variability of phytoplankton community of north-eastern Black sea caused by natural and anthropogenic factors
  Antonina POLYAKOVA (Russian Federation)

C12.06 COLD REGION ENVIRONMENTS - COLD REGIONS: MONITORING, OBSERVING, UNDERSTANDING

- Sea level fluctuations in the small inlet of the White Sea according to observations in 2008 - 2014
  Alexey KONDRIN (Russian Federation)

- Sedimentology of thermokarstic lakes: Terekhol Lake, Southern Siberia
  Alexey KONDRIN Yulia FUZEINA (Russian Federation)
C12.07 CULTURAL APPROACH IN GEOGRAPHY - GLOBAL SUSTAINABILITY AND GLOBAL UNDERSTANDING

- The model of the Geosocial process reflecting the relation between the natural and social disasters
  Marina VIKULINA, A.A. DOLGAYA, A.V. VIKULIN, A.S. TURCHANINOVA (Russian Federation)

C12.09 ENVIRONMENTAL EVOLUTION - ENVIRONMENT EVOLUTION AND HUMAN ACTIVITY IN THE LATE QUATERNARY

- Carbonate pedofeatures in soils of crio-arid landscapes of Altai Mountains as a proxy of paleoenvironment
  Jessica VASIL’CHUK, Pavel KRECHETOV (Russian Federation)

- The middle and late Holocene landscape dynamics and land use in the central part of the Meshera Lowland (Russia)
  Elena NOVENKO, I.V. MIRONENKO, D. A. KUPRIYANOv, A.K. BATANOVA (Russian Federation)

- Acidity and chemical composition of atmospheric precipitation in the region near Moscow State University
  Irina EREMINA (Russian Federation)

- The Late Khvalynian specific deposition of the Ergeni bench of the Kalmykia
  Radik MAKSHAEV, A.A. SVITOCH, G.V. OSCHEPKOV, D.S. KHOMCHENKO, E.N. BADYOKOVA, T.A. YANINA (Russian Federation)

- Postglacial to Holocene environmental transformation of the Laptev Sea continental margin
  Ekaterina TALDENKOVA, H.A. BAUCH S., NIKOLAev, A. STEPANOVA, N. CHISTYAKOVA, Ya. OVSEPYAN, R.F. SPIELHAGEN (Russian Federation)

- Landscape Reconstruction and Human Spatial Organization During Late Holocene in Peripheral Depression of São Paulo State - Brazil, Through Optically Stimulated Luminescence (OSL)
  Danilo PICCOLI NETO, Archimedes Perez FILHO (Brazil)

- Water budget and connection of the Caspian and Black seas during the Late Glacial
  Olga BORISOVA, Aleksey SIDORCHUK, Andrei PANIN (Russian Federation)

- Reconstruction of the Holocene vegetation dynamics of the Sea of Azov Region (Russia)
  Kristina DYUZHOVA (Russian Federation)

- The Dynamics of Development of Watershed Mires on the Middle-Russian Upland (Russia)
  Elena VOLKOVA (Russian Federation)

- Organization of the Biosphere
  Sergey GORSHKOV (Russian Federation)

- Fluvial system response to proglacial crustal deformations at the SE periphery of the Scandinavian Ice Sheet (SIS)
  Andrei PANIN, D.BARANOV

- Landscape preconditions for human settlement in Altai Mountains and Tuva region during the late Holocene
  Anastasia GLEBOVA (Russian Federation)
C12.11 GEOGRAPHICAL EDUCATION - GEOGRAPHY TEACHER EDUCATION

- Modern geography: cognitive levels
  Vyacheslav SUKHIRUKOV, V.P. SOLOMIN (Russian Federation)

- Conception and Development of an Online Database for Outdoor Education
  Anne-Kathrin LINDAU, Kathrin JÄGER, Christian DETTE, Detlef THÜRKOW (Germany)

- Primary Geography Education: curricula and methods of teaching
  Marina SMIRNOVA (Russian Federation)

C12.11 GEOGRAPHICAL EDUCATION - NATIONAL AND INTERNATIONAL ASSESSMENT

- School Based Geography Assessment In A Context Of A New Educational Standard In Russia
  Olga KHLEBOSOLOVA, Laura TSAREVA (Russian Federation)

C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE

- Geographical analysis on taking photographs in the guided tour: a case study of experimental group tour in Izu Oshima Island, Japan
  Takuya KOIKE, Koun SUGIMOTO, Toshio KIKUCHI (Japan)

- Landscape Structure Of Territory The Cheboksary Agglomeration For Recreational Use
  Anna GUMENYUK, Inna NIKONOROVA (Russian Federation)

- Possibilities and Limitations of the Exchanges between Urban Areas and Rural Areas in Japan
  Kosei YAMADA (Japan)

- Reuse of cultural resources and walking tourism in France – A case study of the “Stevenson trail”
  Yasuo ICHIKAWA (Japan)

- Territorial organization and development of the museum tourism in Krasnodar region
  Vera MINENKOVA, Anatoly FILOBOK, S. KIRILICHEVA, M. BELIKOV (Russian Federation)

- Territorial organization of collective and individual accommodation facilities in Israel
  Anatoly FILOBOK, Yuri KHOROSHKIN (Russian Federation)

C12.19 HEALTH AND ENVIRONMENT - HEALTH AND HEALTH CARE

- Air pollution and oncological morbidity of population of the Ukraine’s regions
  Anatoliy KORNUS, Volodymyr SHYSCHUK, Olesya KORNUS (Ukraine)

- Medical intersectoral complex
  Gleb MAMYRKIN (Russian Federation)

C12.25 LANDSCAPE ANALYSIS AND LANDSCAPE PLANNING - RESULTS AND PROBLEMS OF LANDSCAPES PLANNING AND LANDSCAPE GOVERNANCE

- Analysis Of Landscape And Geophysical Differentiation Of Inner Ridge Of Crimean Mountains
  Olga YAKOVLEVA (Russian Federation)
Landscape analysis for environmental planning, management and decision-making by oil-and-gas field development: experience from Western Siberia, Russia
Alexander MARSHININ, I.R. IDRISOV, V.V. KOZIN, D.M. MARINSKIKH (Russian Federation)

Study on landscape classification and ecological restoration strategies of Shangyi county
Ma LI (China (Beijing))

Landscape planning for cognitive tourism development in federal partial reserves (zakhazniks) of Russia
Vera CHIZHOVA, Ekaterina SHLYAKOVA (Russian Federation)

C12.28 LOCAL AND REGIONAL DEVELOPMENT - LOCAL AND REGIONAL DEVELOPMENT IN RUSSIA

Economic-geographical aspect of the quality of life population of Penza region
Natalya SIMAKOVA (Russian Federation)

Interaction of Transformation of Territorial Structure of the Russian Higher School and Regional Development
Alexander KATROVSKY (Russian Federation)

C12.30 MEDITERRANEAN BASIN - HUMANITY AND HUMAN ACTIVITIES UNDER CHANGING CLIMATIC CONDITIONS IN THE MEDITERRANEAN

Surface Wind Speed Variability of the Western Anatolia the period of 1970-2012
Beyhan ÖZTÜRK, Zahide ACAR DENİZ (Turkey)

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - CONTESTED SOCIAL SPACES

Of angels and devils: Involvement of homeowners in Berlin’s neighborhood development
Robert KITZMANN (Germany)

Urban-planning «risk-concept»: contemporary challenges and issues of sustainable development
Konstantin KIVVA (Russian Federation)

Rapid ecological assessment of green spaces using easily accessible remote sensing data: A vegetation analysis of 7 arid and semiarid cities
Francisco DE LA BARRERA, Nicole ALVARADO-BARRERA, Stefan STEINIGER (Chile)

Research and environmental assessment of the New Moscow territories: a cartographic approach
Elena PROKHOROVA, I.K. LURIE, E.A. BALDINA, S.V. CHISTOV, A.I. PRASOLOVA, V.N. SEMIN (Russian Federation)

Recreation area’s spatial analysis and planning in the urban green structure of Karaganda city, Kazakhstan
Indira AKYLBEKOVA, Tatiana ZENGINA (Russian Federation)

Urban parks contribution to the sustainability of urban environment: a case study Tel Aviv-Jaffa
Helena ZHEVELEV, Sara PARIENTE (Israel)

Chemical fractionation of heavy metals in urban soils (the Eastern District of Moscow)
Dmitry VLASOV, Natalia KOSHELEVA, Nikolay KASIMOv (Russian Federation)

Regulation of territorial conflicts using territorial capacity approach
Galina GLADKEVICH (Russian Federation)
C12.40 WATER SUSTAINABILITY - HYDROLOGICAL PROCESSES AND MANAGEMENT OF STRESSED WATER RESOURCES

- Analysis of long-term changes in the water level regime of the Lower Amur
  Natalia YUMINA (Russian Federation)
- Ensemble’s method in the spring flow long-term forecasting for the rivers of the Northern Dvina’s basin
  Natalia EFREMOVA, Mikhail VARENTSOV (Russian Federation)
- Volga Delta: Dynamic Platter Ability Hydrological And Climatic Factors For Change Natural And Antropogenic Condition

C12.06 COLD REGION ENVIRONMENTS / C12.32 MOUNTAIN RESPONSE TO GLOBAL CHANGE - MOUNTAIN CRYOSPHERE IN A CHANGING CLIMATE: DATA AND OBSERVATIONS

- Heat balance features of glaciers of the Greater Caucasus from observational data
  Pavel TOROPOV, V.V. POPOVNIN, K.A. AKHIAROVA, A.A. SHESTAKOVA, E.S. ASTAFIEVA, T.A. MATVEEVA (Russian Federation)

C12.14 GLOBAL INFORMATION SOCIETY/ C12.15 GEOGRAPHY OF TOURISM, LEISURE, AND GLOBAL CHANGE/C12.30 MEDITERRANEAN BASIN/C12.39 URBAN CHALLENGES IN A COMPLEX WORLD - MEGA EVENTS: THE ROLE OF SPECTACLE IN URBAN DEVELOPMENT

- Mapping the global urban hierarchy beyond economic perspective: events and festivals
  Roberto DIEZ PISONERO (Spain)

THEMATIC SESSION:

CLIMATE VARIABILITY AND PREDICTABILITY

- Modern tendencies of global climate change and their regional characteristics (Evidence from the West Siberian Plain)
  Nina EVSEEVA, Larisa FILANDYSHEVA, Ekaterina SAPYAN, Tatiana ZHILINA, Zoia KVASNIKOVA (Russian Federation)
- Heat waves in the European Russia at the beginning of the 21st century
  Vera VINOGRADOVA (Russian Federation)
- Variability air-sea turbulent heat fluxes in CMIP5 model simulations and observational datasets
  Ilya SERYKH, Sergey GULEV (Russian Federation)
- Changes of agroclimatic conditions in the Central Nonblack Soil Zone
  Olga SUKHOVEEVA (Russian Federation)
- Influence of Siberian autumn snow cover anomalies on the Siberian High
  Yuliya MARTYNOVA, Vladimir KRUPCHATNIKOV (Russian Federation)
Summer warming in North Eurasia and its consequences for environment in relation with recent global climate change
Valeria POPOVA, Elena CHERENKOVA, Pavel TOROPOV, Polina MOROZOVA, Alexandra SHIRYAEVA, Andrey CHAYKA (Russian Federation)

Climatic changes during the Holocene in the intracontinental areas of the Yenisei basin
Galina YAMSKIKH (Russian Federation)

AMIGO: An Argo-based Model for Investigation of the Global Ocean physics
Konstantin LEBEDEV, Maria KURNOSOVA, Artem SARKISYAN, Sergey SITNIKOV (Russian Federation)

THEMATIC SESSION:

COASTAL EROSION AND DYNAMICAL PROCESSES IN THE NEARSHORE ZONE

Soils or sediments in coastal areas?
Anna TKACHENKO, Maria Gerasimova (Russian Federation)

Different-time dynamics of Anapa bay-bar coast line
Marina KRYLENKO, A. ALEYNIKOV (Russian Federation)

Coasts Dynamics Of The Red River And The Kuban River Deltas
Marina KRYLENKO (Russian Federation); Nguyen Thi Viet Lien, Nguyen Man Hung

Mapping of Blagoveschensk part of Anapa sand bar landscape-morphologic structure by high-resolution satellite images
Valentina KRAVTSOVA, E.R. CHALOVA, A.A. FALALEEVA (Russian Federation)

An Evolution Of North-East Sakhalin Coastal Barrier (By The Example Of The Plastun Sand Spit)
Igor LEON'TYEV, Tatiana AKIVIS, Victor AFANAS'EV (Russian Federation)

Method of wave-driven cross-shore sediment transport prediction
Margarita SHTREMEL, Yana SAPRYKINA, Sergey KUZNETSOV (Russian Federation)

Modeling of storm wind waves in the Sevastopol Bay of the Black Sea
Vladimir FOMIN, Dmitriy ALEKSEEV, Lyudmila KHARITONOVA, Elena IVANCHKA, Dmitriy BORODIN, Dmitriy LAZORENKO (Russian Federation)

Mean Sea Level – What are the Recent Changes Along the Texas Gulf Coast?
Alexey SADOVSKI, Gary JEFFRESS, Philippe TISSOT, Scott DUFF (USA)

Coastal zone dynamic of Kaliningrad Peninsula northern shore
Nikolay LUGOVOY (Russian Federation)

THEMATIC SESSION:

URBAN CLIMATE AND URBAN PLANNING

Local Governance In Mitigating The Urban Heat Island Effects
Mirela PARASCHIV, Igor SÎRODOEV, Cristina MERCIU, Natașa VÂIDIANU, Irina SAGHIN, Andrei SCHVAB (Romania)
SPECIAL EVENTS

C101

SPECIAL SESSION: NATURAL RESOURCE MANAGEMENT IN DRYLANDS: PROBLEMS OF CLIMATE CHANGE ADAPTATION AND ACHIEVING LAND DEGRADATION NEUTRALITY 1
CHAIRPERSON(S): German KUST, Tatiana KOUDERINA
14:00-15:30

- Land Degradation Neutrality: a tool for Sustainable land management and climate change adaptation
  German KUST, Olga ANDREEVA (Russian Federation)
- Climate change and desertification of arid lands of European Russia
  Alexander ZOLOTOKRYLIN, Tatiana TITKOVA, Elena CHERENKOVA, Vera VINOGRADOVA (Russian Federation)
- The LaVaCCA project: Assessing land value changes and developing a discussion support tool for improved land use planning in the irrigated lowlands of Central Asia
  Fabian LÖW, Elisabeth FLIEMANN, Christopher CONRAD, Victor DUKHOVNY, Nadija MURATOVA, Mirzakhayot IBRAKHIMOV, John LAMERS (Germany)
- Geochemical spreading of atmospheric aerosol in the landscapes of European Russia
  Tatiana KUDERINA (Russian Federation)
- A Model for Utilization of nuclear power and unused fresh water resources to rejuvenate the fading /vanishing life of Karnataka, INDIA
  Venugopal VR (India)

16:00-17:30

SPECIAL SESSION: NATURAL RESOURCE MANAGEMENT IN DRYLANDS: PROBLEMS OF CLIMATE CHANGE ADAPTATION AND ACHIEVING LAND DEGRADATION NEUTRALITY 2
CHAIRPERSON(S): German KUST, Tatiana KOUDERINA

- The new drought products: translating drought monitoring information to risk assessment and management in the dry lands
  V. CAZAC, Mihail DARADUR (Moldova)

YOUNG SCIENTISTS PROGRAMME

C102

09:30-17:30 YOUNG SCIENTIST CORNER

18:00 - 23:00 ICEBREAKER FOR YOUNG SCIENTISTS (GEOCAFE)
The Russian North has been a long-time goal for generations of explorers, but it has never been fully conquered. This may be the reason for ongoing efforts of modern-day researchers and travelers to get there, stay there and learn more about it. Franz Josef Land, Sakha (Yakutia), The New Siberian Islands, Wranger Island – the exhibition features the photographs that represent the nature of the Russian North in the best way possible. It also features the historical photographs of the Extreme North Exploration from the vaults of the Russian Geographic Society.
Open-Air Exhibition

The Russian North

Outside 8/1, Nikolskaya St., Moscow.

Free admission day and night.

ANDREY KAMENEV, FRANZ JOSEF LAND

AUGUST 16 – SEPTEMBER 16, 2015

The Russian North has been a long-time goal for generations of explorers, but it has never been fully conquered. This may be the reason for ongoing efforts of modern-day researchers and travelers to get there, stay there and learn more about it. Franz Josef Land, Sakha (Yakutia), The New Siberian Islands, Wranger Island – the exhibition features the photographs that represent the nature of the Russian North in the best way possible. It also features the historical photographs of the Extreme North Exploration from the vaults of the Russian Geographic Society.
CLIMATE VARIABILITY AND PREDICTABILITY 1-3
CHAIRPERSON(S): XiaoJing JIA, Jin-Yi YU

- Constrasting initial errors that cause a significant spring predictability barrier for two types of El Nino events
  Wansuo DUAN, Ben TIAN (China (Beijing))

- The modified ensemble Kalman particle filters for data assimilation with nonlinear measurement functions
  Zheqi SHEN, Youmin TANG, Yifan WANG (China (Beijing))

- The remote response to the two types of El Nino
  Irina ZHELEZNOVA, Daria GUSHCHINA (Russian Federation)

- Comparison of Earth rotation and climate change
  Leonid ZOTOV (Russian Federation)

C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - TOURISM, MOBILITY AND INFORMATION
CHAIRPERSON(S): Jie ZHANG

- Remember the Alamo: Placing the Cinematic Experience
  Leo EDWARD (United States of America)

- Geographical analysis with big data on mobility and congestion of Urban tourist flow in China
  Jie ZHANG, Y SUN, ZI ZHANG, L LL, LI QIAN (China (Beijing))

- Mobility patterns of land transit tourism in Central America
  Gino QUINTERO-VENEGAS, Álvaro LÓPEZ-LÓPEZ (Mexico)

- The Effects of Distance on the Ecotourist Experience
  Laurent BOURDEAU, Pascale MARCOTTE (Canada)

- Tour operation and travel agency services – capital concentration and centralization and production of space. An analysis on Brazilian case.
  Rita CRUZ (Brazil)

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - HISTORICAL CITIES: ACTIVITIES AND MANAGEMENT THROUGH A COMPARATIVE PERSPECTIVE EAST/WEST-NORTH/SOUTH 1
CHAIRPERSON(S): Rubén LOIS GONZÁLEZ, Yamilé GUILARTE

- Cultural hindrance to urban renewal in the traditional walled city of Kano, Nigeria
  Ibrahim DANKANI (Nigeria)
The historic city of Toledo (Spain), World Heritage and tourist attraction: realities, problems and tourist planning and management
Luis Alfonso ESCUDERO GOMEZ (Spain)

Contribution of Western Travelers to Makkah «Mecca» Maps
Ramze ELZAHRANY, Meraj MIRZA (Saudi Arabia)

GIS-technologies to investigate and manage cultural landscape
Valentina TOPORINA (Russian Federation)

Heritage production: constructing urban future on/around the memories of the past
Yu-Chieh HSIEH, Kuang-Ting HUANG (Taiwan (China))

B204 09:30-11:00

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - CONTESTED SOCIAL SPACES 4
CHAIRPERSON(S): Maria GUNKO

Evolution of urban socio-spatial structure: the case of Guangzhou
Jincan HU, Chunshan ZHOU (China (Beijing))

Public versus private housing: impact of ownership on Berlin’s social structure
Robert KITZMANN (Germany)

Understanding the Umbrella Movement: An Urban Morphological approach
Michael CHAN (China (Hong Kong))

B137 09:30-11:00

PAN-EURASIAN EXPERIMENT (PEEX) – A RESEARCH INITIATIVE MEETING «THE GRAND CHALLENGES OF THE CHANGING ENVIRONMENT OF THE NORTHERN PAN-EURASIAN ARCTIC-BOREAL AREAS» 1
CHAIRPERSON(S): Sergey DOBROLYUBOV, Natalia CHUBAROVA

Project SLICFONIA: complicated study of short-lived climate forcers in the Arctic
A.SKOROKHOD, A.STOHL, R.THOMPSON, V.SHEVCHENKO, A.VINOGRADOVA, V.KOPEIKIN, V.RAKITIN (Russian Federation)

A large-scale assessment of climatic and ecological impacts of tropospheric sulphate aerosols on the terrestrial carbon cycle
Alexey V. ELISEEV (Russian Federation)

Model assessment of global CO2 emissions into the atmosphere from crown, ground, and peat fires
Alexey V. ELISEEV, I.I. MOKHOV, A.V. CHERNOKULSKY (Russian Federation)

Wildfire forest and peat aerosol emissions in PEEK regions
Olga POPOVICHEVA, KOZLOV V., G. ENGLING, N. SHONIJA, K. ELEFTERIADIS (Russian Federation)
URBAN CLIMATE AND URBAN PLANNING 1

CHAIRPERSON(S): Sascha HENNINGER, Martin RUMBERG

- Climate and air quality characteristics in Moscow according to the 60-year period of measurements at the Meteorological Observatory of Moscow State University

- Long-term changes of the lower troposphere air temperature in Moscow region
  Irina KORNEVA, Mikhail LOKOSHCHENKO (Russian Federation)

- Global warming in Moscow megacity: global effect and the urban amplification of the heating
  Alexander KISLOV, Pavel KONSTANTINOV, Mikhail VARENTSOV, Timofey SAMSONOV, Irina GORLACH and Kristina TRUSILOVA (Russian Federation)

- Urban Heat Island research in Arctic region
  Pavel KONSTANTINOV, Alexander BAKLANOV, Mikhail VARENTSOV, Irina REPINA, Sergey SHUVALOV, Timofey SAMSONOV, Mikhail GRISCHENKO, Antonina TODOSIEVA, Mikhail VEDISCHEV (Russian Federation)

C 12.06 COLD REGION ENVIRONMENTS - COLD REGIONS: MONITORING, OBSERVING, UNDERSTANDING 6

CHAIRPERSON(S): Tatiana VLASOVA, Nancy DOUBLEDAY, Marie-Jeanne SARAH ROYER

- Social GIS Russian Arctic – multiscale analysis and modeling of processes in society
  Andrey MEDVEDEV (Russian Federation)

- Socio-economic and environmental procrastinators and facilitators of sustainable development in the Arctic single-industry cities
  Yuliya ZAIKA, Elena GOLUBEVA (Russian Federation)

- Formation of pine woods on the tersky coast of the white sea at phytoland improvement
  Elena GLUKHOVA, Elena GOLUBEVA (Russian Federation)

- Arctic Shipping Challenges and Safety Issues
  Nataliya MARCHENKO (Norway)

C12.09 ENVIRONMENT EVOLUTION: LANDSCAPE DYNAMICS AND HUMAN IMPACTS DURING THE LAST MILLENNIUM 1

CHAIRPERSON(S): Elena NOVENKO, Daniil KOZLOV
C233 09:30-11:00

C12.11 GEOGRAPHICAL EDUCATION - GEOSPATIAL TECHNOLOGIES IN GEOGRAPHICAL EDUCATION 1
CHAIRPERSON(S): Joop van der SCHEE

- GIS technology in geographical education
  Anna ALEXANDROVA (Russian Federation)

- From Space to Schools – A Learning Portal on Earth Observation from the ISS
  Andreas RIENOW, Sascha HEINEMANN, Gunter MENZ (Germany)

- The power of maps – empowering children through geomedia
  Inga GRYL (Germany)

- Spatial thinking and smart city learning with GIS in secondary education
  Rafael GONZÁLEZ (Spain)

C214 09:30-11:00

C12.10 GENDER AND GEOGRAPHY - GENDERED LIFE-COURSES
CHAIRPERSON(S): Joos Droogleever FORTUIJN

- Locating Women in Indian Society: A Historical Analysis of the Female’s Life-Course
  Sahab DEEN (India)

- Decent Work Deficit in Domestic Work: A Focus on Part-Time Women Workers in Delhi
  Sudipta SARKAR (India)

- Intergenerational Relations and Changing Elderly Care: Emerging issues of elderly care in Delhi and Kolkata
  Selim JAHANGIR, Anindita DATTA, Ajay BAILEY (India)

- Consciousness of Youth about Having Children and Gender Role Division in Japan
  Eriko IKEYA (Japan)

- Children’s physical activity and urban vitality. Assessing the gendered role of the built environment at determining healthy mobility habits.
  Oriol MARQUET, Miralles-GUASCH, CARME (Spain)
C12.13 GEOGRAPHY OF GOVERNANCE - DEVELOPMENT, SPATIAL PLANNING AND GOVERNANCE

**CHAIRPERSON(S):** Jan BUCEK, Carlos NUNES SILVA

- City-region as a ‘soft space’ for spatial planning. Between local policies and metropolitan governance in the Poznan urban area
  Łukasz MIKUŁA (Poland)
- Suburbanization & Czech Spatial Planning: Opportunities And Threats For The Development Of Czech Towns And Municipalities
  Zdeněk OPRAVIL (Czech Republic)
- Enhancing Local Problem Solving: Governance Structures and Networking in Russian «Twin Cities»
  Ekaterina MIKHAILOVA (Russian Federation)

C12.17 GLOBAL CHANGE AND HUMAN MOBILITY (GLOBILITY) / C12.34 POPULATION GEOGRAPHY

**CHAIRPERSON(S):** Josefina DOMINGUEZ-MUJICA, Etienne PIGUET

- Inter-provincial Spatial Flow of Rural Population in Henan Province ——Based on the Sixth Nationwide Population Census Data
  Genghe GAO (China)
- Transformation of the ethnic structure of the population in St. Petersburg at the end of the XX - begining XXI century
  D.V. Zhitin, A.I. Krasnov (Russian Federation)
- Tibetans Immigrants in India: A Demographic profile
  Rajan BHANDARI (India)

C12.20 HISTORY OF GEOGRAPHY - EXPLORING AND MAPPING LANDS, AIR AND WATERS. RESEARCH ON THE HISTORY OF GEOGRAPHICAL EXPLORATIONS 1

**CHAIRPERSON(S):** Jacobo GARCÍA-ÁLVAREZ, Alexey POSTNIKOV

- From corridors of knowledge to utopian highways in Africa: the explorer’s prelude to Western expansionism (ca.1800-1885)
  Jan VANDERSMISSEN (Belgium)
- La Suisse et les explorations africaines
  Patrick MINDER (Switzerland)
- Vanguards of the Empire? Colonialism and ‘heterodox discourses’ in the experience of a French explorer, Henri Coudreau (1859-1899)
  Federico FERRETTI (Switzerland)
C216 09:30-11:00

C12.28 LOCAL AND REGIONAL DEVELOPMENT - LOCAL AND REGIONAL DEVELOPMENT IN THE RURAL SPACE 1
CHAIRPERSON(S): Ksenia MIRONENKO

- Cultural geographical approach to agricultural landscape study of Russia
  Olga TRAPEZNIKOVA (Russian Federation)

- General features and specifics of development of the rural area in Central Russia
  Tatiana BORODINA (Russian Federation)

- The rural labour market in Central Russia: commuters and idlers
  Ksenia AVERKIEVA (Russian Federation)

- The request for sustainable regional development: Rural Society coping with innovations. A case study in the Altay Region
  Sebastian LENTZ (Germany)

C237 09:30-11:00

LANDSCAPES OF ENERGY 1
CHAIRPERSON(S): Marina FROLOVA

- Energetics of natural and anthropogenic landscapes
  Vladimir BOKOV, Viktor SMIRNOV (Russian Federation)

- Renewable Energy and Landscape Quality
  Marina FROLOVA (Russian Federation)

- Thermodynamic landscape characteristics based on remote sensing data
  R.B. SANDLERSKIY, Yu.G. PUZACHENKO (Russian Federation)

- Early Brazilian hydroelectric power plants: a Vernadskyian approach
  Gildo M. SANTOS (Brazil)

C230 (S) 09:30-11:00

C12.34 POPULATION GEOGRAPHY - INTERACTIONS BETWEEN HUMAN PROCESSES, POPULATION CHANGES AND THE ENVIRONMENT
CHAIRPERSON(S): Daniel ERVIN, David LOPEZ-CARR

- Growth, Partnership and Conflict: A Study in Select Town Slum Pockets of Assam, India
  Mahfuza RAHMAN, Pranamika DAS (India)

- The relationship between land- use and land-cover change and migration processes in Mexico
  Daniel ERVIN, Fernando RIOSMENA, Sadie RYAN SIMONOVICH, David LOPEZ-CARR (United States of America)

- The impact of soil erosion on human migration in China
  Hua ZHAN, Li ZHUANG, Hong-rui WANG, Jin-she LIANG (China (Beijing))

- The Influence of Climate Variability on Internal Migration Flows in South Africa
  Marina MASTORILLO, Rachel LICKER, Pratikshya BOHRA-MISHRA, Giorgio FAGIOLO, Lyndon ESTES, Michael OPPENHEIMER (United States of America)
Henri Lefebvre: Differential space and the dialectic of war and peace
Rolando ESPINOSA, Keren OROZCO (Mexico)

Sharing a Partitioned World. Jean Gottmann on Peace, Cohabitation and a World Community
Luca MUSCARÀ (Italy)

Géographie politique et géopolitique dans la géographie française au XXe siècle : une affaire d'étiquetage?
Olivier ORAIN (France)

Exceptionalism in Japanese geopolitics
Akihiko TAKAGI (Japan)

A Latin American view of the Political and Feminist Geography Knowledge for Peace
Verónica IBARRA, Alejandra PEÑA (Mexico)

The Kets Ethnos And Its “Feeding Landscape”: Ecological-Geographical And Socio-Ecological Problems Under Globalization And Changing Climate
Alexey MEDVEDKOV (Russian Federation)

Role of Institutions in Building Resilience in Single Industry Towns in the Russian North
Julia LOGINOVA (Australia)

Measuring Prospects for Ethno-cultural and Demographic Sustainability of Indigenous Village Communities
Anatoly YAMSKOV (Russian Federation)

Cultural landscapes of indigenous population of the Russian Arctic as national heritage
Tatiana KRASOVSKAYA (Russian Federation)

Russian Sami in a changing world
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Ekaterina MAKAROVA (Russian Federation)
- Ecohydrological Processes and Its Implication in Ejina Riparian, China
  Wenzhi ZHAO (China (Beijing))

- Changing of the Oka river floodplain inundation regime as a result of the Ryazan’ city linear infrastructure development: multiscenario computer modeling
  Olga TRAPEZNIKOVA (Russian Federation)

- Modelling Evapotranspiration Responses of Riparian Vegetation to Groundwater in the Middle Heihe River Basin, CHINA
  Hu LIU, Wenzhi ZHAO (China (Beijing))

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C153
09:30-11:00

C12.33 POLITICAL GEOGRAPHY - BORDERS AND ILLEGALITIES
CHAIRPERSON(S): Adriana DORFMAN, Elena DELL’AGNESE

- Can massive barriers prevent the Immigration of hungry immigrants from Africa into Europe?
  Lilach ARI, Arnon MEDZINI (Israel)

- Ukraine’s border conflicts after 1991: the role of private actors
  Elena DABOVA, Oksana GRIGORIEVA (Russian Federation)

- Borders and illegalities: the practice of zalewa among informal cross-border traders versus cross-border access to social services in the Zambia-Malawi-Mozambique growth triangle
  Christopher NSHIMBI (South Africa)

- Securitization and Stigma at the Peace Border
  Adriana DORFMAN, Arthur BORBA (Brazil)

- Transnational Organized Crime across Borders: A Critical Geopolitical Perspective
  Shubhi MISRA (India)

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C101
09:30-11:00

C12.34 POPULATION GEOGRAPHY - PROCESSES OF POPULATION CHANGE AND MIGRATION 1
CHAIRPERSON(S): Jianfa SHEN, Yu ZHU

- Changes of rural settlement in Russia at the end of the XX – beginning of the XXI centuries
  Sergey SAFRONOV, Alexander ALEKSEEV (Russian Federation)

- Distinctive features of Chinese Diaspora formation and distribution in the USA
  Anastasia SHCHEPINOVA (Russian Federation)

- Skilled migration from Southern Europe in Mexico
  Cristóbal MENDOZA, Anna ORTIZ-GUITART (Mexico)

- Immigration and Crimes in Oil Producing Countries, United Arab Emirates A Model
  Fayez ELESSAWY (United Arab Emirates)

- Key Factors for Successful International Migration: A Panel Data Analysis of Indonesia
  Endang SUGIYARTO, Priya DESHINGKAR (United Kingdom)
WATER RESOURCES CHANGE IN EURASIA IN XXI CENTURY 1
CHAIRPERSON(S): R.B.SINGH, Sergey CHALOV, Daniel KARTHE

- Climate change and water resource scarcity in Rajasthan, India
  R. B. SINGH (India)

- Development of water quantity and water quality values of the transnational Zarafshon River during the 20th and 21st centuries
  Christian OPP, Michael GROLL, Rashid KULMATOV, Inom NORMATOV (Germany)

- Availability Of Water Resources In The Ganga River Basin Under Climatic And Socio-Economic Conditions
  Mohan PATHAK (India)

- Up-to-date renewable water resources in European Russia

- Pesticide Residue Analysis of Ground Water Samples Taken from Water Troughs and Bore Wells Located at Jaipur Tehsil, Rajasthan, India
  Alka KATARIA, B. C. JAT (India)

C12.40 WATER SUSTAINABILITY - MODELING, VGE AND GIS APPLICATIONS IN HYDROLOGICAL RESEARCH 1
CHAIRPERSON(S): Claudio CASSARDO, Chansheng HE, Mikhail SAMOKHIN

- Virtual Geographical Environments (Vge) As A Tool To Map Human Exposure To Mining-Related Radionuclides – A Case Study From South African Goldfields
  Frank WINDE, Emile HOFFMANN (South Africa)

- Gradient-based algorithm for computing basic hydrological parameters from gridded DEMs
  Sergey KOSHEL, Andrey ENTIN (Russian Federation)

- Experience of maximum discharge estimation of river in Moscow region, based on classic and GIS methods
  Mikhail SAMOKHIN (Russian Federation)

C 203 (B)

C12.26 LAND USE AND LAND COVER CHANGE - PROBLEMS AND CONSEQUENCES OF LAND USE/LAND COVER CHANGES: 1 LAND USE/ COVER CHANGE FOR SUSTAINABLE FUTURE (LONG-TERM ANALYSIS, GEOSPATIAL DATA, DRIVERS)
CHAIRPERSON(S): Ivan BIČÍK, Elena MILANOVA

- Prioritizing research on land use change in East, Southeast and South Asia for the Earth’s Future
  Yukio HIMIYAMA (Japan)
Two centuries of land use changes in Czechia  
Ivan Bičík (Czech Republic)

Dynamics of Productivity in the Forest-Steppe and Steppe zones of the Former Soviet Union Countries During 1982 - 2014  
N.M. DRONIN, O.N. TELNOVA, A.P. KIRILENKO, E.V. MILANOVA, N.N. KALUTSKOVA  
(Russian Federation)

The European objective of «zero land take» by 2050 and the tricky issue of its monitoring: overviews from the case-study of Luxembourg  
Antoine DECOVILLE (Luxembourg)

11:30-13:00 - COFFEE BREAK

ASSEMBLY HALL  PLENARY LECTURE  11:30-13:00

- Coping With a Fast-Changing, Unstable World: Opportunities and Challenges for Geography  
Professor Alexander MURPHY (USA)

- A Continuing Agenda for Gender  
Associate Professor Shirlena HUANG (Singapore)

13:00-14:00 – LUNCH

CLIMATE VARIABILITY AND PREDICTABILITY 1-3  
WEDNESDAY, 19 AUG.  14:00-15:30

B210  14:00-15:30

Chairperson(s): XiaoJing JIA, Jin-Yi YU

- Decadal variability of global precipitation during 1979-2008  
Xiaofan LI, Guoqing Zhai (China (Beijing))

- The analysis of temporal variation of ultraviolet in Iran  
Manuchehr FARAJZADEH Asl, Yousef Ghavidel RAHIMI, Mehdi Ardehirhi KALHOR (Iran)

- Identifying extreme precipitation character and variability in Mediterranean precipitation regime region  
Faize SARİ (Turkey)

- Trends of climate change in the Baikal region, Russia  
Sergey KIRILLOV, Mikhail SLIPENCHUK, Evgenia KUKANOVA (Russian Federation)

- Long Term Variability Of Temperature Within The Framework Of Modern Non Parametric Test Results In The Context Of Climate Change In Armenia  
Hrachuhi GALSTYAN, Lucian SFICA (Armenia)
C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - TOURISM AND ENVIRONMENT 1: PROTECTED AREAS
CHAIRPERSON(S): Sanette FERREIRA

- An assessment of the performance of tourism at Mapungubwe National Park, South Africa
  Innocent SINTHUMULE (South Africa)
- The fundamental necessary condition of the conservation the World Ocean as a global tourist-recreational system
  Mikhail LOMONOSOV (Russian Federation)
- Sustainability and nature-based mass tourism in China: Lessons from Huangshan
  Xu HONGGANG, ZHUDAN, Bao JIGANG (China (Beijing))

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - HISTORICAL CITIES: ACTIVITIES AND MANAGEMENT THROUGH A COMPARATIVE PERSPECTIVE EAST/WEST-NORTH/SOUTH 2
CHAIRPERSON(S): Rubén LOIS GONZÁLEZ, Yamilé PÉREZ GUILARTE

- Fragmented historic city centers: the case of Lleida (Spain)
  Carmen BELLET (Spain)
- Cultural landscapes: approaches to assess and provide stability
  Toporina VALENTINA (Russian Federation)
- Moscow: monocentric urban morphology vs polycentric city life
  Olga VENDINA (Russian Federation)
- Cultural attractions in the historical cities of Havana and Santiago de Compostela: tradition and modernity
  Yamilé PÉREZ GUILARTE, Rubén Camilo LOIS GONZÁLEZ (Spain)
- Mont-Saint-Michel and its Bay: Natural Heritage in the Service of Cultural Heritage
  Etienne BERTHOLD, Matthew HATVANY (Canada)

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - INCREASING INSECURITY
CHAIRPERSON(S): Natalia KOLDOBSKAYA

- Spatial Variety Of Social-Demographical Safety In The Countries Of Eastern Asia And Russia
  Tatiana KOMAROVA (Russian Federation)
- Population dynamics and commuters in districts headed by small towns in Central Russia
  Maria GUNKO (Russian Federation)
- Rethinking Pregnant Mainland Women and the Cultural Politics of Birthright Citizenship: Towards a Feminist Geopolitics
  Tsung Yi HUANG (Taiwan (China))

PAN-EURASIAN EXPERIMENT (PEEX) – A RESEARCH INITIATIVE MEETING «THE GRAND CHALLENGES OF THE CHANGING ENVIRONMENT OF THE NORTHERN PAN-EURASIAN ARCTIC-BOREAL AREAS» 2
CHAIRPERSON(S): Sergey DOBROLYUBOV
- **Influence of coherent structures on the temporal variability of wind field and gas constituents in the troposphere**
  Igor CHUNCHUZOV, Sergey KULICHKOV, Vitaly PEREPELKIN, Oleg POPOV, Margarita KALLISTRATOVA, Anatoly DZHOLA, Lv JUN, Yang YICHUN, Wu LIN (Russian Federation)

- **Estimation of integral content of polluting gases in troposphere and their sources at Moscow Region**

- **Sustainability of carbon fluxes between forest and bog ecosystems in southern taiga of European Russia**
  Juliya KURBATOVA, J. KURBATOVA, V. AVILOV, D. IVANOVA, A. VARLAGIN (Russian Federation)

- **Near-shore water mass structure and circulation in the south-eastern part of the Baltic Sea**
  Alexander DEMIDOV, Stanislav MYSLENKOV, Evgeny KRAYUSHKIN, Vsevolod CHUGAEVICH (Russian Federation)

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**B113 THEMATIC LECTURE**

- **Changing the Map: Future Visions of Virtual Maps**
  Professor Melinda LAITURI (USA), Dr Lee SCHWARTZ (USA), Dr Christopher TUCKER (USA)

- **Revolution of proximity: new chance for the Russian economic geography?**
  Professor Alexander PELYASOV, Dr. Nadezhda ZAMYATINA (Russian Federation)

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**building C**

**C225 URBAN CLIMATE AND URBAN PLANNING 2**

**CHAIRPERSON(S):** Sascha HENNINGER, Martin RUMBERG

- **Low-cost urban-ecological survey for small settlements**
  Martin FABISCH, Sascha HENNINGER (Germany)

- **Changing Seasonality of Extreme Temperature Events and Urban Human Mortality in the Republic of Korea**
  Gwangyong CHOI (Republic of Korea)

- **Urban Heat Island and Weekly Course of Air Temperature in Moscow**
  Mikhail LOKOSHCHENKO (Russian Federation)

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**C229**

**C12.19 HEALTH AND ENVIRONMENT - HEALTH AND HEALTH CARE 4**

**CHAIRPERSON(S):** Wuyi WANG

- **Recent Progress in Research on Lifestyle-Related Health Problems in Post-Industrial Countries**
  Eric WEST (United States of America)
- Immigrant health, socioeconomic factors and residential neighbourhood characteristics: A comparison of multiple ethnic groups in Canada
  Lu WANG (Canada)

- Relationship between lifestyle and population health status. Case Study: Ialomita County (Romania)
  Ana-Maria TALOS (Romania)

- Inequalities of population’s accessibility to health care services. Case study: Botosani County-Romania
  Teodora URSULICĂ (Romania)

C232 14:00-15:30

C12.09 ENVIRONMENT EVOLUTION: LANDSCAPE DYNAMICS AND HUMAN IMPACTS DURING THE LAST MILLENNIUM 2
CHAIRPERSON(S): Elena NOVENKO, Daniil KOZLOV

- Measuring urban sprawl using Landsat and night-time images: Case Study of Hyderabad, India
  Koel ROYCHOWDHURY (India)

- Geoeconomic assessment of territories using global and regional databases
  Marina ARSHINOVA, Ali ALYAUTDINOV, Emma ROMANOVA (Russian Federation)

- Integrated analysis of land cover changes in the forest-steppe region of Russia
  Elizaveta KHAZIEVA (Russian Federation)

- Landscape analysis of the Crimean Peninsula in the context of climate change and new social challenges
  Vladimir BOKOV, Viktor SMIRNOV (Russian Federation)

C233 14:00-15:30

C12.11 GEOGRAPHICAL EDUCATION - GEOSPATIAL TECHNOLOGIES IN GEOGRAPHICAL EDUCATION 2
CHAIRPERSON(S): Osvaldo MUNIZ

- GNSS Reference Stations of Lomonosov MSU Faculty of Geography
  An STEEGEN, Jeroen STIERS, Lieselot LAPON, Bart DE WIT, Koen DE MUNTER, Philippe DE MAEYER, Frank CANTERS (Belgium)

- GeoMobiel: an opportunity to integrate geo-ict in secondary schools in Flanders?
  An STEEGEN, Jeroen STIERS, Lieselot LAPON, Bart DE WIT, Koen DE MUNTER, Philippe DE MAEYER, Frank CANTERS (Belgium)

- Current issues of the GIS and Remote Sensing in the Secondary school of Mongolia
  Bat-Erdene TSEDEV, Ser-Od TSEDEVDORJ, Enkhjargal PUREVSUREN, Uranchimeg GETSEL, Amgalan AVHINSUKH (Mongolia)

- Understanding the Earth with Satellite Images – Development of an Adaptive Learning Platform for the Application of Remote Sensing in Schools
  Kathrin VIEHRIG, Vera FUCHSGRUBER, Nils WOLF, Alexander SIEGMUND (Switzerland)
C12.21 INDIGENOUS KNOWLEDGES AND PEOPLES’ RIGHTS - INDIGENIZING DEVELOPMENT FOR COMMUNITY NEEDS
CHAIRPERSON(S): Evelyn PETERS, Brad COOMBES

- Geographical Indications As An Agency To Preserve Indigenous Knowledge - Studying the Handloom Sari Heritage of Bengal
  Anjan SEN, Ankita CHAKRABORTY (India)

- Making sense of the changing scene: the need for longitudinal studies among indigenous people
  Lesley POTTER (Australia)

- Establishing a Volunteered Indigenous Knowledge Base about Environments in Taiwan
  Sendo WANG (Taiwan (China))

C12.13 GEOGRAPHY OF GOVERNANCE - DEVELOPMENT, SPATIAL PLANNING AND GOVERNANCE. 3 URBAN EXPANSION
CHAIRPERSON(S): Jan BUCEK, Carlos NUNES SILVA

  Muhammad WAFIQ (Indonesia)

- Urban reforms: A case for inequity
  Bidisha CHATTOPADHYAY (India)

- Deepening Democracy and Local Development-The Case of Kerala
  P P BALAN (India)

C12.38 TRANSPORT AND GEOGRAPHY - TRANSPORT DEVELOPMENT IN REGIONS OF HIGH LATITUDES OR HIGH ALTITUDE
CHAIRPERSON(S): Anastasia LOMAKINA, Sergey TARHOV

- Detecting Arctic Ice Roads and Related Industrial Activities with Remotely-Sensed Night-Light Imagery
  Mia BENNETT (United States of America)

- Transport-geographic position of Russia and Canada: influence of northerness and continentality
  Anastasia LOMAKINA, Leonid BEZRUKOV (Russian Federation)

- The impacts of high-speed rail on Eurasia economic geography
  Fengjun JIN, Jingjuan JIAO (China (Beijing))

- The Resolution Of The Transport-Communication Problem As The Key Development Factor For Siberia
  Leonid BEZRUKOV (Russian Federation)
C12.20 HISTORY OF GEOGRAPHY - EXPLORING AND MAPPING LANDS, AIR AND WATERS. RESEARCH ON THE HISTORY OF GEOGRAPHICAL EXPLORATIONS 2
CHAIRPERSON(S): Jacobo GARCÍA-ÁLVAREZ, Alexey POSTNIKOV

- Image of Russia on the foreign maps of the XVI-XVIII centuries
  Liudmila ZINCHUK (Russian Federation)

- Maps of Tartaria in a private collection
  Marina TOLMACHEVA (Russian Federation)

- «Martsialnyje vody» as the first health resort with mineral springs in Russia
  Alexey SOBISEVICH, Vera SHIROCOVA (Russian Federation)

C12.28 LOCAL AND REGIONAL DEVELOPMENT - LOCAL AND REGIONAL DEVELOPMENT IN THE RURAL SPACE 2
CHAIRPERSON(S): Shashikant KUMAR

- Complex approaches in rural studies: similarities between French agrarian and Russian geography schools
  Olga SHUVALOVA, Mikhail PANTCHICHKINE (Russian Federation)

- Patterns Of Rural Development In The Coastal Districts Of Maharashtra State
  Shinde DHANASHRI (India)

- Township and Village Enterprises and their Role in Modernization of China’s Economy
  Ksenia MIRONENKO (Russian Federation)

- Global challenges and local initiatives in rural Japan: a case study of Samani town (Hokkaido)
  Alexandra BANCHEVA (Russian Federation); Devon R. DUBLIN, Amy FREITAG

C237
LANDSCAPES OF ENERGY 2
CHAIRPERSON(S): Marina FROLOVA

- Biomass Energy Production Landscape in the Eastern Part of Croatia
  Dina STOBER, Zlata DOLACEK-ALDUK, Zeljka JURKOVIC (Croatia)

- Emerging Wind Power landscapes in the Spanish countryside: Case studies from Andalusia and Castilla y León
  Marina FROLOVA, Daniel HERRERO-LUQUE (Spain)

- Overview of wind energy potential in Serbia: case study of Vojvodina region
  Jelena MILANKOVIĆ, Jasmina ĐORĐEVIĆ, Tin LUKIĆ, Smiljana ĐUKIČIN (Serbia)

C203(S)
URBAN-RURAL TRANSFORMATION IN THE EURO-ASIAN CONTINENT 1
CHAIRPERSON(S): Yansui LIU, Hans WESTLUND
- Modelling of urban land expansion in China – A Case Study of the Pearl River Delta
  David KARACSONYI, Chang KANG-TSUNG, Chen JIANFEI (Hungary)

- Comprehensive analysis of hollowing villages in China
  Yansui LIU, Yuheng LI (China (Beijing))

- Revitalizing the decaying countryside: The Chinese and Swedish experiences
  Yuheng LI and Hans WESTLUND (China (Beijing))

**RUSSIA AND CANADA IN THE NORTHERN DIMENSION: ECONOMIC DEVELOPMENT OF NORTHERN REGIONS**

**CHAIRPERSON(S):** Anastasia LOMAKINA, Tatiana KUZMINA

- Impact Factor of Canada’s Soft Power on the Development of the Northern Territories
  Tatiana KUZMINA (Russian Federation)

- Tracing Development Trajectories: Unraveling Northern Development Projects in Canada and Russia
  Andrey PETROV (Russian Federation)

- La pauvreté et les budgets des ménages des peuples autochtones de Yakoutie et du Québec
  Nikita BOCHKAREV (Russian Federation)

- The role of single industry-cities in socio-economic development of Murmansk region, Russia
  Yuliya ZAIKA, E.I. GOLUBEVA (Russian Federation)

- Urban settlements in the Russian Arctic as the main object of the impact of natural risks: settlements’ dynamic
  Vyacheslav BABURIN, Stepan ZEMTSOV (Russian Federation)

**C201 14:00-15:30**

**C12.20 COMMISSION ON THE HISTORY OF GEOGRAPHY / C12.33 COMMISSION ON POLITICAL GEOGRAPHY - RETHINKING WHAT (POLITICAL) GEOGRAPHY OUGHT TO BE: THEORIES, HISTORIES, AND PRACTICES OF GEOGRAPHY AND GEOPOLITICS AS INSTRUMENTS OF PEACE 2**

**CHAIRPERSON(S):** Takashi YAMAZAKI, Alexey Postnikov

- Geopolitics of peace: Paul Dupuy and Fernand Maurette in Geneva (1924-1948)
  Federico FERRETTI (Switzerland)

- The Map That Would Save Europe’: Tariff Reform, European Peace and the Politics of Cartographic Display between the Wars
  Michael HEFFERNAN, Ben THORPE (United Kingdom)

- Children and the Politics of Hope in the (Re)making of Peace, Development and Democracy in the Southern Philippines
  Chih Yuan, WOON (Singapore)
C255 14:00-15:30

LAND USE AND NATURE CONSERVATION IN RIPARIAN AREAS - THE INTERRELATION BETWEEN EFFICIENT ECOSYSTEM FUNCTIONS AND BENEFICIAL ECOSYSTEM SERVICES ON FLOODPLAINS 2

CHAIRPERSON(S): Bernd CYFFKA, Umut HALIK

- Investigation Of Sand And Gravel Mining Effects On The Sakarya River, Turkey
  Mahnaz GÜMRÜKÇÜOĞLU, Emrah DOĞAN, Rabia KÖKLÜ (Turkey)

- The principles of ecological restoration of mountain rivers floodplains
  V.M. KATOLIKOV, A.E. VESELOV (Russian Federation)

- Strategies for monitoring of reservoir flushing with a focus on ecological indicators
  Stefan HAUN, Lydia SEITZ, Martin SCHLETTERER, Sabine U. GERBERSDORF, Martin RIEDL, Johann NEUNER, Giorgo CARMIGNOLA, Gabriele HARB, Laura LIZANO, Silke WIEPRECHT (Germany)

- Floodplain evolution and social impacts in anastomosing river valley (case study of Avacha river, Kamchatka peninsula, Russia)
  Tatiana MILLIONSHCHIKOVA, Sergey CHALOV (Russian Federation)

C153 14:00-15:30

C12.33 POLITICAL GEOGRAPHY - THE CRITICAL GEOPOLITICS OF FOOD

CHAIRPERSON(S): Elena DELL’AGNESE

- From “routes” to “roots”? Paradoxical pizza and the re-invention of heritage
  Elena DELL’AGNESE (Italy)

- Border changes, identity and banal nationalism of food in the Carpathian Basin
  Péter REMÉNYI, Norbert PAP, Andor VÉGH (Hungary)

- Recognition of Eco-Labelling and Eco Symbols on Products in Serbia
  Larisa JOVANOVIC, Zoran CAJKA, Milan RADOSAVLJEVIC (Serbia)

C101 14:00-15:30

C12.34 POPULATION GEOGRAPHY - PROCESSES OF POPULATION CHANGE AND MIGRATION 2

CHAIRPERSON(S): Jianfa SHEN, Yu ZHU

- Settlement pattern of immigrants as a factor of social stratification in the European capitals
  Daria SHATILO (Russian Federation)

- Real and virtual space: the example of the Polish diaspora in Belgium
  Daria ELMANOVA (Russian Federation)

- A study on Russian residents’ spatial perceptions in Antalya
  Mustafa ERTÜRK, Cemali SARI, İhsan BULUT, iskender DASDEMİR (Turkey)

- Educational and Instructional Problems of Children of Foreign Families living in Antalya
  Cemali SARI, Mustafa ERTÜRK (Turkey)
The hydrogeological properties of the water resources near the village of ilisu (mardin/turkey)
Ali Rıza SÖGÜT, Ahmet GÜZEL (Turkey)

Climate change impact on hydrological change in the Ta Chin River Basin, Thailand
Sathaporn MONPRAPUSSORN (Thailand)

Hydrological study of Ecological Regeneration through Watershed Programme in District Tonk (Rajasthan), India
Birdhi Chand JAT (India)

The Expected Changes in Minimum Flow on the Volga Basin Territory under Global Warming
Marina TRUBETSKOVA, M. BOLGOV, E. KOROBKINA, M. FILIMONOVA, I. FILIPPOVA (Russian Federation)

Regional estimation of daily reference evapotranspiration from limited numbers of weather parameters and GIS technique
Sabziparvar AKBAR- ALI, S. SAGHAEE, M.J. NAZEMOSADA and H. NOZAR (Iran)

Modelling of urban areas inundation for large rivers of Russia
Alexey SAZONOV (Russian Federation)

Sensitivity Analysis Considerations of Surface Energy Balance System (SEBS) Input Parameters Used for the Estimation of Daily Evapotranspiration
Petros GIKAS, Mohamed ELHAG, Ioannis MANAKOS, Zisis PETROU, Maria FARAZAKI, Ioannis CHOURDAKIS (Greece)

Computer modeling of bed configuration for alluvial rivers
E. FINGERT, A. ALABYAN (Russian Federation)

Identifying the phases of Indian Agriculture towards Desertification along Forest Fringe, of Karnataka State, INDIA
Arun DAS S, Koichi KIMOTO (India)
- Modern development of agricultural regions: driving forces, regional pattern changes and land use conflicts
  Alexey NAUMOV (Russian Federation)

- Climatic Changes and Dynamics of Agricultural Land-Use Management in the European Russia
  G.D. MUKHIN, N.B. LEONOVA, T.A. BOLDANOV (Russian Federation)

- A new paradigm for evaluation of the Soviet Virgin Lands Campaign
  Grigoriy KAZACHKOV, Sergey LEVYKIN (Russian Federation)

- Forest transitions in Eastern Europe and their effects on carbon budgets
  Alexander PRISHCHEPOV, Tobias KUEMMERLE, Jed KAPLAN, Ilya RYLSKY, Oleh CHASKOVSKYY, Vladimir TIKUNOV, Daniel MÜLLER (Germany)

15:30-16:00 - COFFEE BREAK

building B  WEDNESDAY, 19 AUG.  16:00-17:30

B210  16:00-17:30

CLIMATE VARIABILITY AND PREDICTABILITY 1-5
CHAIRPERSON(S): Xiaofan Li, James ELSNER

- Linking global warming and the soil moisture estimates derived from microwave satellite data: a case study for Nebraska, United States
  Vijendra BOKEN (United States of America)

- Assessment of climatic changes in the Asian territory of Russia over the period 1975-2012
  E.V. KHARYUTKINA, S.V. LOGINOV, I.I. IPPOLITOV (Russian Federation)

- Extreme precipitation over the Crimea
  Elena VYSHKVARKOVA (Russian Federation)

- What are the climatic forces driving regional precipitation disparity in northwestern China in the last millennium?
  Pak Kan CHOI, H. F. LEE, Q. PEI, D. D. ZHANG (China)

B223  16:00-17:30

C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - TOURISM AND ENVIRONMENT 2: SUSTAINABILITY
CHAIRPERSON(S): Dieter K.MULLER
- Renewable energy sources use for energy supply of tourist and recreational clusters
  Nina TETERINA, Ludmila NEFEDOVA, Sofia KISELEVA (Russian Federation)

- Geographical Justification of the Conception of the Sustainable Development of Recreational Nature Management in the Region
  I.M. YAKOVENKO (Russian Federation)

- Social evaluation of San Pedro Atlapulco’s sustainability
  Lilia ZIZUMBO-VILLARREAL, Neptalí MONTERROSO-SALVATIERRA; Alejandro PALAFOX-MUÑOZ; Graciela CRUZ-JIMÉNEZ; Ana Luz QUINTANILLA-MONTOYA (Mexico)

### C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - TECHNOLOGICAL INNOVATIONS AND CREATIVE ACTIVITIES IN CITIES

**CHAIRPERSON(S):** Celine ROZENBLAT, Natalia KOLDOBSKAYA

- Globalization, Economic Transition and Industrial Location in Shanghai
  Yehua Dennis WEI (United States of America)

- The Role of Technological Innovation in the Development of Beijing
  Dong CHEN, Jie FAN, Yafei WANG, Rui GUO (China)

- The Role of SMEs Network in the Prototype Production: Case Study of “KYOTO SHISAKU”
  Akito KATO (Japan)

- The geography of the knowledge-based economy in Bavaria: a cluster approach
  Anastasia NOSOVA (Russian Federation)

- The spread of new technologies and the configuration process of the smart cities in Galicia
  Francisco Xosé ARMAS QUINTÁ, Xosé Carlos MACÍA ARCE (Spain)

### B204

**16:00-17:30**

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - POST-SOCIALIST CITIES

**CHAIRPERSON(S):** Celine ROZENBLAT, Maria GUNKO

- The Impact of Institutional Path Dependencies and Lock-ins on Urban Spatial Restructuring in China
  Yongchun YANG, Qingmin MENG (China)

- The post-socialist liberalization of planning system and its impact on urban development. The case of Poznan city-region
  Tomasz KACZMAREK, Łukasz MIKUŁA (Poland)

- Renovation of post-Soviet neighbourhoods of blocks of flats: the demands and attitudes of residents (case study of Žirmūnai neighbourhood, Vilnius)
  Dovilė KRUPICKAITĖ (Lithuania)

- Socio-Spatial Trends in a Post-Transformational Metropolis City Centre: Simultaneous Degradation and Gentrification?
  Konstantin AXENOV (Russian Federation)

- Biopolitics of religious construction projects in Moscow, Russia
  Meagan TODD (United States of America)
Ongoing increase of atmospheric convective activity in Northern Eurasia: observations, reanalyses and model simulations
Alexander CHERNOKULSKY, M.V. KURGANSKY, I.I. MOKHOV (Russian Federation)

Implementation of SWAN model with COSMO-CLM wind forcing for the Barents Sea storm events (case study)
Vladimir PLATONOV, Stanislav MYSLENKOV (Russian Federation)

The influence of swell waves from the North Atlantic on the wave field in the Barents and White seas
Stanislav MYSLENKOV, V.S. ARKHIPKIN, K.P. SILVESTROVA (Russian Federation)

The oxygen regime of shallow lake
Galina GAVRILENKO, Galina ZDOROVENNOVA, N. PALSHIN, R. ZDOROVENNOV, S. GOLOSOV, T. EFREMOVA, A. TERZHEVIK (Russian Federation)

Aerosol optical depth retrieval over arctic region using satellite data
Yong XUE (China), Linlu MEI (China)

Initial Stages Of Socio-Natural History Of Landscapes Of Central Russia
Kirill GRAVES, V.A. NIZOVTESEV, N.M. ERMAN (Russian Federation)

Periodization Of Natural And Human Consistent Parts Of Landscape Evolution In The Forest Zone Of The Russian Plain
Vyacheslav NIZOVTESEV (Russian Federation)

Intralandscape differentiation of land use changes: identification of the causes and the forecast in the example Borovsky District (Russia) in the XVII-XXI centuries
Daniil KOZLOV, A.I. GLUHOV, A.A. GOLUBINSKIY, D.A. KHITROV (Russian Federation)

Historically-geographical analysis of socially-ecological trends to optimize recreation potential of the territory
Anastasiya KYZNETSOVA, T.A. BARABOSHKINA (Russian Federation)
C12.11 GEOGRAPHICAL EDUCATION - GEOSPATIAL TECHNOLOGIES IN GEOGRAPHICAL EDUCATION 3
CHAIRPERSON(S): Clare BROOKS
- MAP, MAP USE and MAP DESIGN: An Evaluation in Turkey
  Ilkay BUGDAYCI, Ibrahim Oztug BILDIRICI (Turkey)
- GIS in teaching geography
  George NIZHARADZE (Russian Federation)
- Augmented Reality (AR) Information System for Geography Education
  Ysohiasyu IDA, Satoru ITOH, Hiroaki AKIMOTO, Yoshihiro UGAWA, Aya FUKUCHI, Jun TSUTSUMI (Japan)

C12.11 GEOGRAPHICAL EDUCATION - GEOSPATIAL TECHNOLOGIES IN GEOGRAPHICAL EDUCATION 4
CHAIRPERSON(S): Michael SOLEM
- The Introduction of Use of Statistics in Education (I-Use): the case of Use of Statistics in the Geography Curriculum
  Luc ZWARTJES (Belgium), Karl DONERT (United Kingdom), Aikaterina KLONARI
- What do undergraduate students think of the use of Virtual Field Trips in geography education?
  Martens LOTTE, A. STEEGEN, G. VERSTRAETEN (Belgium)
- Use of the computational-informational web-GIS for the development of climatology students’ skills in modeling and monitoring of climate change
  Yulia GORDOVA, Yu. V. MARTYNOVA, T. M. SHULGINA, E. P. GORDOV (Russian Federation)

C12.13 GEOGRAPHY OF GOVERNANCE - DEVELOPMENT, SPATIAL PLANNING AND GOVERNANCE. 4 REGIONAL DEVELOPMENT AND SPATIAL PLANNING
CHAIRPERSON(S): Jan BUCEK, Carlos NUNES SILVA
- Regional legislation as an institution of regional development in modern Russia and the role of legal geography
  Olga GLEZER (Russian Federation)
- Focusing on the major function-oriented zone: A new spatial planning approach and practice in China
  Jie FAN, Chen DONG, Guo RUI, Wang YAFEI (China)
- The problem of identification and delimitation of “resource regions” for the purposes of regional policy
  Alexander SHENDRIK (Russian Federation)
- Spatial governance and Local Response of Industrial Development^ the rise of the Computer Industry in Chongqing
  Boyang GAO (China)
The issue of natural gas transportation in Russia: developing the gas pipeline network to integrate Russian Eastern Regions or to connect with Asian Neighboring Countries?
Sophie HOU (France)

Socio-Economic and Spatial Impacts of Transport Infrastructure in Volga Federal District
Elena KONCHEVA (Russian Federation)

Integrating active transportation into transportation systems: Urban cycling in Moscow Russia
Asya BIDORDINOVA, Paul HESS (Canada)

Exploring and Mapping of Natural and Human resources of the European Russia during a Unique Experimental Mende’s Surveys in the 1840s-1860s
Alexey POSTNIKOV (Russian Federation)

Exploring of East European Plain by Academician Dmitry Anuchin
Valerian SNYTKO, Vera SHIROCOVA, Viacheslav NIZOVCEV, Olga ROMANOVA, Nadezhda OZEROVA, Alexei SOBISEVICH, Vasilyi CHESNOV, Roy SHIROCOV, Natalia ERMAN (Russian Federation)

Geographical research of the Smolensk province in XVIII – beginning of XX Century
Natalia ERMAN, Vyacheslav NIZOVTSEV (Russian Federation)

Analysis of Dynamical Mechanism of Rural Transformation Development in Typical Regions of China
Hualou LONG (China)

Northern Night Lights: Using Satellite Imagery to Track the Growth and Decline of Arctic Cities from 1992-2012
Mia BENNETT (United States of America)

Spatio-temporal pattern of China’s rural development: A rurality index perspective
Yurui LI, Hualou LONG, Yansui LIU (China)
C253 16:00-17:30

LAKES IN A CHANGING WORLD
CHAIRPERSON(S): Mikhail NAUMENKO, Vladislav RUMYANTZEV

- An overview of the lake bathymetric models: Russian case study
  M.A. NAUMENKO (Russian Federation)

- Development of lake ecosystems under environmental change during Holocene in the North-West Russia
  Tatyana SAPELKO (Russian Federation)

- Rise and Decline of the fishery industry in the Aydarkul-Armasay lake system (Uzbekistan) – effects of reservoir management, irrigation farming and climate change on an unstable ecosystem
  M. GROLL, R. KULMATOV, N. MULLABAEEV, A. BELIKOV, Ch. OPP, D. KULMATOVA (Germany/ Uzbekistan)

- Dynamics of changes in water quality of largest freshwater lakes in the World
  A.V. IZMAILOVA, V.A. RUMYANTZEV (Russian Federation)

C255 16:00-17:30

SEDIMENT REDISTRIBUTION AND EXOGENIC PROCESSES DYNAMICS IN SMALL RIVER BASINS 1
CHAIRPERSON(S): Yulia KUZNETSOVA, Goro MOURI

- The rate and magnitude of sedimentation in the Goronyo Reservoir (1984-2013), Sokoto State, Nigeria
  Sheikh D. ABUBAKAR, M. ALIYU (Nigeria)

- Conditions and patterns of extreme and specific channel processes emergence
  Danila SHKOLNYI (Russian Federation)

- Sedimentation and associated nutrients in the riparian zone of the Three Gorges Reservoir, China
  Yuhai BAO (China)

- Multifacet sediment transport study in a small volcanic cathment
  Anatoly TSYPLENKOV (Russian Federation)

C101 16:00-17:30

C12.34 POPULATION GEOGRAPHY - PROCESSES OF POPULATION CHANGE AND MIGRATION 1
CHAIRPERSON(S): Jianfa SHEN, Yu ZHU

- Geo-demographic typology of Russian regions
  Gennady FEDOROV (Russian Federation)

- Typology of population dynamics in the Asian part of Russia in the years 1991-2010
  Tomasz WITES (Poland)
Recurrent spatial mobilities in Russia
Andrey TREYVISH, Pavel KIRILLOV, Alla MAHKROVA, Tatiana NEFEDOVA (Russian Federation)

A Comparative Analysis of Skilled and Unskilled Interregional Migration in China, 1995-2005
Jianfa SHEN, Ye LIU (China)

Is overpopulation in late Imperial China a myth?
Harry F. LEE (China)

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C355  16:00-17:30

WATER RESOURCES CHANGE IN EURASIA IN XXI CENTURY 3
CHAIRPERSON(S): R.B.SINGH, Sergey CHALOV, Daniel KARTHE

- Irtysh transboundary basin: competition and cooperation
  Bella KRASNOYAROVA, Sergei GANZA (Russian Federation)

- Impact of climate change on water resources in coastal karnataka, india
  Ashok KUMAR (India)

- Changing rainfall patterns and their linkage to floods in Bhagirathi-Hooghly Basin (BHB), India: Implications for Water Resource Management
  Narayan Chandra JANA (India)

- Forecast estimation of hydrological regime changes of big reservoirs in European territory of Russia
  Maria GRECHUSHNIKOVA, Mihail SAMOKHIN (Russian Federation)

- Malarial spread in changing urban environment of Thane District of Maharashtra, India
  Sachin DEORE (India)

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C359  16:00-17:30

C12.40 WATER SUSTAINABILITY - BUSINESS MEETING
CHAIRPERSON(S): Claudio CASSARDO, Chansheng HE, Mikhail SAMOKHIN

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C203 (B)  16:00-17:30

C12.26 LAND USE AND LAND COVER CHANGE - PROBLEMS AND CONSEQUENCES OF LAND USE/LAND COVER CHANGES: 3 STRATEGY OF LAND USE/COVER CHANGE IN URBAN AREAS
CHAIRPERSON(S): Ivan BiČÍK, Elena MILANOVA

- Changes in urban fabric of Bratislava during 2006-2012 in the context of the Urban Atlas Project
  Jan FERANEC, Robert PAZUR (Slovakia)

- Sustainable Land Use Strategies for Germany – Simulation and Evaluation of Urban Growth Scenarios including Climate Change Mitigation and Adaptation
  Johanna FICK, Roland GOETZKE (Germany)
Historical Land-use/Land-cover Change in Urban Protected Areas: The case of Moscow
Irina MARGOLINA, Oxana KLIMANOVA, Evgeniy Yu. KOLBOWSKY (Russian Federation)

Use of methodology of soil cover structure for the assessment of resource potential of ecosystems of Belarusian Polesye lowland
Aliaksandr CHERVAN, Andrew CHERNYSH (Belarus)

Monitoring the changing spatial form of Chengdu City based on satellite image time series
Yafei WANG, Jie FAN, Dong CHEN, Rui GUO (China)

C12.06 COLD REGION ENVIRONMENTS - COLD REGIONS: MONITORING, OBSERVING, UNDERSTANDING

The role of variability of climatic conditions and snow cover’s thickness in the change of freezing depth of the underlying ground
Denis FROLOV (Russian Federation)

Sea level fluctuations in the small inlet of the White Sea according to observations in 2008 - 2014
Alexey KONDRIN (Russian Federation)

Sedimentology of thermokarstic lakes: Terekhol Lake, Southern Siberia
Yulia FUZEINA (Russian Federation)

C12.09 ENVIRONMENT EVOLUTION: CLIMATE - VEGETATION INTERACTION UNDER CURRENT AND FUTURE CLIMATE CHANGE SCENARIOS

Altered water and heat budget due to Karst Rocky Desertification in southwest China can influence regional climate
Jiangbo GAO, Shaohong WU, Yongkang XUE (China)

Drought and grain crop yields in the East European Plain under influence of quasi-biennial oscillation of global atmospheric processes
Elena CHERENKOVA, Alexander N. ZOLOTOKRYLIN, Mikhail BARDIN, Inna SEMENOVA (Russian Federation)

Impact of agroclimatic conditions on winter rye yields in the Central Nonblack Soil Zone
O.E. SUKHOVEEVA (Russian Federation)
- Dimensions of Climate Change and Its Impact on Land and Society in Indian Western Himalayas
  Virender Singh NEGI (India)

- Water demand for the main agricultural crops under climate change impacts in the Oltenia Plain (Romania)
  Bianca MITRICA, Dragotă CARMEN-SOFIA, Ines GRIGORESCU, Monica DUMITRASCU, Elena MATESCU (Romania)

- Modelling the land-use change effect on local climate in Upper Volga area with COSMO_CLM regional model
  Pavel KONSTANTINOV (Finland), Mikhail VARENTSOV (Russian Federation)

- Temperature regime of soils as a factor of ecosystems’ functioning (on the example of the East European Plain)
  Olga CHERNITSOVA, Pavel KRECHETOV (Russian Federation)

- Influence of forest fires in Russia on the gas composition of the atmosphere
  S.N.ZHARINOV (Russian Federation)

**C12.11 GEOGRAPHICAL EDUCATION - GEOSPATIAL TECHNOLOGIES IN GEOGRAPHICAL EDUCATION**

- Combing of field practice and lectures for ecology students study
  Alexandra GORETSKAYA, A.V. EVSEEV (Russian Federation)

- Geoportal in geographical education: advancement of cartographic collections
  Marina GOLYASHEVA (Russian Federation)

**C12.11 GEOGRAPHICAL EDUCATION - EMPIRICAL AND CLASSROOM RESEARCH**

- Geographical education in a virtual globalization world of knowledge explosion
  Hein RAGHOEBAR (Suriname)

**C12.13 GEOGRAPHY OF GOVERNANCE**

- Evolution of Jobs-Housing Spatial Relationship in Beijing Metropolitan Area: A Job Accessibility Perspective
  Jinping SONG (China)

- State Capacity for the Economic Re-territorialization in China since the 1980s
  Yun LI, Jianfa SHEN (China)

**C12.13 GEOGRAPHY OF GOVERNANCE - DEVELOPMENT, SPATIAL PLANNING AND GOVERNANCE**

- Intensive Use of Industrial Land and its Spatial Differentiation in Guangzhou from Sector-based Perspective
  Chang-Dong YE (China)

- The role of institutional support as factor of industry location on the example of Germany and Russia
  Ekaterina ROMANOVA (Russian Federation)
C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE

- The environmental and economic impacts of moorage marinas on the West Coast of the United States
  Nathaniel TRUMBULL, Christine BAE, Jon IHNJI (United States of America)

- The impact of recreation on vegetation and soil in protected areas in Sevastopo
  Ekaterina KASHIRINA (Russian Federation)

- The structure of conflict among stakeholders in residential-touristic urban areas
  Kyung Eun LEE (Republic of Korea)

- The transformation and development of a sustainable tourism system in the guest house region in Iwai Beach, Minami-Boso City, Chiba Prefecture, Tokyo Metropolitan Suburb
  Kei OTA (Japan)

- Destination approach in Barguzinsky Nature Biosphere Preserve
  Natalia LUZHKOVA, Anastasia MYADZELETS (Russian Federation)

C12.20 HISTORY OF GEOGRAPHY - EXPLORING AND MAPPING LANDS, AIR AND WATERS. RESEARCH ON THE HISTORY OF GEOGRAPHICAL EXPLORATIONS

- Formation and dynamics of the borders of the Smolensk Land (IX – XXI CENTURIES)
  Natalia ERMAN, Vyacheslav NIZOVTEV (Russian Federation)

- Russian Geography during the Great Patriotic War (1941–1945): to the 70th Jubilee of the Victory
  A.A. AGUIRRECHU, G.M. LAPPO (Russian Federation)

C12.21 INDIGENOUS KNOWLEDGES AND PEOPLES’ RIGHTS - ENVIRONMENTAL JUSTICE AND INDIGENOUS RIGHTS

- Building Arctic Sustainable Communities to Protect Indigenous Rights in the Age of Climate Change
  Victoria HERRMANN (United Kingdom)

- Drought and grain crop yields in the East European Plain under influence of quasi-biennial oscillation of global atmospheric processes
  Elena CHERENKOVA, Alexander N. ZOLOTOKRYLIN, Mikhail BARDIN, Inna SEMENOVA (Russian Federation)

C12.22 ISLANDS - ISLAND DEVELOPMENT AND GLOBAL CHANGE

- Transformation of the Southeast Asian social and economic space in the process of integration of the region into the global information economy
  Irina IVANOVA (Russian Federation)

C12.26 LAND USE AND LAND COVER CHANGE - PROBLEMS AND CONSEQUENCES OF LAND USE/LAND COVER CHANGES

- Agricultural lands use dynamics in the Volga river delta from multitemporal remote sensing data
  Elena BALDINA, Ksenia TROSHKO (Russian Federation)
C12.28 LOCAL AND REGIONAL DEVELOPMENT - LOCAL AND REGIONAL DEVELOPMENT IN THE RURAL SPACE

- Effective use of natural capital as the factor of sustainable development in subsidized regions (Evidence from Kirovskaya Oblast)
  G.D. MUKHIN (Russian Federation)
- Recreation and tourism in the actual restructuring of Crimea coast nature management
  Olga BLINova, Tatyana KOROL (Russian Federation)

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - CONTESTED SOCIAL SPACES

- Regional features of expansion of selected negative deviant social phenomena
  Elena DEMIDOVA (Russian Federation)
- A Study of the Spatial Distribution of Ethnic Minority Migrant Workers in the Urbanization in Urumqi City of Xinjiang
  Dong YE (China)
- Spatial Feature and Formation Mechanism of Low-income Stratum in Old District of Guangzhou during Transitional Era
  Zhou CHUNSHAN, Cai SHUIQING (China)

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - DILEMMAS OF AGING CITIES

- Population decline effects on age structure: evidence from Russian shrinking cities
  Vera EFREMOVA (Russian Federation)

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - HISTORICAL CITIES: ACTIVITIES AND MANAGEMENT THROUGH A COMPARATIVE PERSPECTIVE EAST/WEST-NORTH/SOUTH

- Historical center and their integration in urban dynamics in the euroregion Galicia (Spain) - North Portugal (Portugal)
  Ángel Miramontes CARBALLADA, Teresa Sa MARQUES (Spain)
C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - INCREASING INSECURITY

- An Investigation of the Contributing Factors to the Emergence of Terrorism in the Middle East: A Case Study of ISIS
  Qumars YAZDANPANAH DERO (Iran), Mohammad mahdi NAMDARI (Iran)

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - POST-SOCIALIST CITIES

- Transformation of the Patterns of Suburban Development in Post-Soviet Saint-Petersburg
  Maria PODKORYTOVA (Russian Federation)

C12.40 WATER SUSTAINABILITY - MODELLING, VGE AND GIS APPLICATIONS IN HYDROLOGICAL RESEARCH

- Research of dynamics of river flow with application of hydrometeorological models
  Victor ZHUK, Natalia EFREMOVA, Zoya SYCHILINA (Russian Federation)

- Total and glacier runoff in the Vakhsh and Panj river basins (Pamir region) in normal and extreme years
  Vladimir KONOVALEX (Russian Federation)

THEMATIC SESSION:

CLIMATE VARIABILITY AND PREDICTABILITY

- The initial errors that induce a significant “spring predictability barrier” for El Niño events and their implications for target observation: results from an earth system model
  Wansuo DUAN, Junya HU (China)

- Determining the sensitive areas for El Niño targeted observation using an ensemble-based approach
  Fan FENG, Wansuo DUAN (China)

- A new paleoclimatic database for Spain since the 16th century
  Ernesto TEJEDOR, Miguel Ángel SAZ, Martín de LUIS, Roberto SERRANO-NOTIVOLI, Mariano BARRIENDOS, José María CUADRAT (Spain)

- The climate change monitoring by the perennial fluctuations of the short-term forecast functions for various type avalanches
  Y.B. ANDREEV, D.M. FROLOV, P.B. GREBENNIKOVA (Russian Federation)

- Methane release on East Siberian sea shelf
  Elena PANOMOVA, I.V. GONCHAROV, I.P. SEMILETOV (Russian Federation)

- Reconstruction of extreme precipitation events in Spain in last 70 years
  Roberto SERRANO-NOTIVOLI, Santiago BEGUERÍA, Martín de LUIS, Miguel Ángel SAZ, Ernesto TEJEDOR, José, María CUADRAT (Spain)

- Modern regional structure of humidification and its seasonal extremes in the East European Plain
  Elena CHERENKOVA (Russian Federation)

- Seasonal fluctuations of air temperature on the Crimean Peninsula in connection with the atmospheric circulation in the European sector of the Northern Hemisphere
  Roman GORBUNOV, Tatiana GORBUNOVA, Nina KONONOVA (Russian Federation)
- Cartographic assessment of spatial and temporal trends in the modern solar climate of the Earth
  V.M. FEDOROV, E.A. BOZHLINA, O.V. TUTUBALINA, A.K. ILYASOV, V. TUVALEVA (Russian Federation)

- Impacts Drought in the Mexican Altiplano
  José Pablo VEGA-CAMARENA, Luis BRITO-CASTILLO, Sara DIAZ-CASTRO, Juan Manuel
  RODRIGUEZ-ESTEVEZ, José Antonio SALINAS-PRIETO, Maria de Lourdes ROMO-AGUILAR
  (Mexico)

- Decadal Variability of Global Precipitation: Annual Cycle
  Guoqing ZHAI, Xiaofan LI (China)

THEMATIC SESSION:

CULTURAL REGIONALISM AND REGIONAL IDENTITY

- Cultural Regionalism As A Prerequisite For Spatial Economics
  Aleksandr LEVINTOV (Russian Federation)

- Sociocultural limitations of humanity’s movement to noosphere
  A.B. SHVETS, A.N. YAKOVLEV, D.A. VOLKHIN (Russian Federation)

- The regional identity of Kirovskaya oblast as a factor of investment attractiveness
  V.A. KLOCHKOV, G.D. MUKhin (Russian Federation)

THEMATIC SESSION:

LAKES IN A CHANGING WORLD

- Hydrological monitoring of water bodies in reserved areas
  L.E. EFIMOVA, N.L. FROLOVA, E.S. POVALISHNIKOVA, E.V. TERSKAYA (Russian Federation)

- Les petits lacs des réserves naturelles protégées – “les repères” limnologiques
  L. EFIMOVA, V. EFIMOV, O. KORABLEVA, D. LOMOBA, E. TERSKAYA, G. VICHNEVSKAYA
  (Russian Federation)

- Evolution of reservoirs of the White Sea coast: from sea lagoons to the meromictic lakes
  E.D. KRASNOVA, N.L. FROLOVA, T.A. BELEVICH, N.A. DEMIDENKO, L.E. EFIMOVA, V.M.
  GORLENKO, A.V. KHARCHEVA, M.V. MARDASHOVA, S.V. PATSAEVA, A.N. PANTYULIN,
  T.E. SAMSONOV, A.S. SAVVICHEV, D.A. VORONOv (Russian Federation)

THEMATIC SESSION:

LAND USE AND NATURE CONSERVATION IN RIPARIAN AREAS - THE INTERRELATION BETWEEN EFFICIENT ECOSYSTEM FUNCTIONS AND BENEFICIAL ECOSYSTEM SERVICES ON FLOODPLAINS

- Grain-size effect on the formation of soil geochemical patterns in the mixed forest landscapes of
  Smolensko-Moscovskaya upland
  E.N. ASEYEVA (Russian Federation)
- Morphology and evolution of boundary river of Russia
  Alexandr ZAVADSKII, Alexsandra KOBJAKOVA (Russian Federation)

- Land Use in Post-Soviet Russia: regional Aspects of the Formation and Development
  Mikhail KAZMIN (Russian Federation)

THEMATIC SESSION:

RUSSIA AND CANADA IN THE NORTHERN DIMENSION: ECONOMIC DEVELOPMENT OF NORTHERN REGIONS

- Comprehensive analysis of the Northern Areas development in Russian Federation and Canada
  Elena SAFONOVA (Russian Federation)

- Functional zoning of territories traditional land use of indigenous peoples of the Russian North
  (on example Khanty-Mansi Autonomous Okrug)
  Dmitry M. MARINSKIHKH, A.V. KIRILLOV, A.N KUZMENKO, O.A. PRITUZHALOVA, N.A.
  SAMSONAS, M.N. ZHGUNOVA (Russian Federation)

- Innovative financial mechanisms to address housing gaps in remote communities: the case of
  Nunavik, Quebec
  Jason DION, Avet KHACHATRYAN (Canada)

THEMATIC SESSION:

URBAN CLIMATE AND URBAN PLANNING

- Light Resources of Moscow
  O.A. SHILOVTSEVA (Russian Federation)

- Solar Power Resources of Moscow Region
  O.A. SHILOVTSEVA, Ye.V. GORBARENKO (Russian Federation)

- Towards the development of spatially detailed short-range chemical weather forecasting within
  the Moscow megacity
  Alexander KISLOV, Anastasia REVOKATOVA, Galina SURKOVA, Gdaliy RIVIN, Alexander
  KIRSANOV (Russian Federation)

- Evolution of World Cities and Adaptation to Climate Change: Historical and Current Perspectives
  Bhuiyan M. ALAM (United States of America)

- The climate of Zaragoza (NE of Spain) in the context of global change
  José María CUADRAT, Miguel Ángel SAZ, Martín de LUIS, Ernesto TEJEDOR, Roberto
  SERRANO (Spain)

- Drought and the city: challenges for the urban water management
  Alejandra PEÑA (Mexico)

C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - BUSINESS MEETING
((FOR ALL WHO ARE INTERESTED IN GEOGRAPHY OF TOURISM)

Chairperson(s): Dieter K.MULLER Dieter K.MULLER
SPECIAL EVENTS

WORKSHOPS:

C225
IMPROVING YOUR PRESENTATION SKILLS: A VIDEO-TRAINING WORKSHOP FOR YOUNG GEOGRAPHERS 1
CHAIRPERSON(S): Joop van der SCHEE
16:00-17:30

C229
IMPROVING YOUR PRESENTATION SKILLS: A VIDEO-TRAINING WORKSHOP FOR YOUNG GEOGRAPHERS 2
CHAIRPERSON(S): Joos Droogleever FORTUIJN
16:00-17:30

SPECIAL SESSIONS:

C237
IGU PROJECT: OUR SUSTAINABLE CITIES
CHAIRPERSON(S): Ton DIETZ

With the new technology development, cities’ sustainable development face new opportunities, including big-data utilizations, knowledge Integrating and Sharing, environmental communication, sustainable design and products, practical cases and their principles, etc.. All of these new requirements are worthy to be explored into new theory framework in sustainable studies. This session will focus on a practical system named OURSUS project with two portal websites, oursus.org in English and oursus.org.cn in Chinese. Through deep discussion, the structure of the system, the work mechanism of operation and the future development, especially in face to 2016 Beijing conference publication.
SPECIAL SESSION - ROUND-TABLE DISCUSSION: INTERNATIONAL SCIENTIFIC COOPERATION IN THE ARCTIC AS THE BASIS OF SUSTAINABLE DEVELOPMENT OF THE REGION
CHAIRPERSON(S): Maria ANANICHEVA, Alexander KLEPIKOV

16:00-17:30
RUSSIA-CANADA/QUEBEC: 100 MIRRORS
CHAIRPERSON(S): Etienne BERTHOLD, Anastasia LOMAKINA

- Russia, Canada, Quebec : Comparability and Determinism
  Kim PAWLIW, Henri DORION, Etienne BERTHOLD (Canada)

- Canada and Russia: Transport vs. Distances
  Anastasia LOMAKINA (Russian Federation)

- «Russia and Quebec/Canada : Heritages and tourism in comparative perspectives»
  Etienne BERTHOLD; Laurent BOURDEAU; Guy MERCIER (Canada)

- Rôle du facteur de la «nordicité» dans la formation de la culture au Québec et en Russie
  Ekaterina ISAEVA (Russian Federation)

YOUNG SCIENTISTS PROGRAMME

09:30-17:30 YOUNG SCIENTIST CORNER

14:00-15:30 MASTER CLASS: FUNDRAISING AND WRITING PROPOSALS
16:00-17:30 WORKSHOP: HOW TO ORGANIZE YOUR RESEARCH
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CLIMATE VARIABILITY AND PREDICTABILITY 1-6
CHAIRPERSON(S): Wansuo DUAN

- Intensification of the Walker Circulation in the Past 130 Years
  Tao LIAN, Dake CHEN, Youmin TANG, Chan ZHANG (China)

- Rainfall Behaviour In Relation To Urban Environment Of Guwahati City, India
  Bimal KUMAR, Sutapa BHATTACHARJEE (India)

- The circulation features of catastrophically hot weather formation in Moscow during summer 2010

- Singularities of trend analyses in rainfall and streamflow observations in Mexico
  Luis BRITO-CASTILLO, Juan RODRÍGUEZ-ESTEVE, Enrique GONZÁLEZ-SOSA, Enrique PÉREZ-CAMPUZANO, José SALINAS-PRIETO, Carlos WELSH-RODRÍGUEZ, María ROMO-AGUILAR (Mexico)

C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - TOURISM AND ENVIRONMENT 3: CHALLENGES
CHAIRPERSON(S): Sanette FERREIRA

- Residents’ Perception Of Scenic Development Enterprises’ Corporate Social Responsibility Perspective Of Place Attachment
  Zeng LIPING, Lin HONGXIA (China)

- Tourism in areas prone to natural risks: danger and attraction
  Elena PETROVA, Yury MIKONOV (Russian Federation)

- Tourism, Landscape, and the Natural Environment
  Vivek MAHAJAN, Rajender SINGH (India)

- Virtual ecological paths as a new tool of eco-tourism
  Maria TSEKINA, Vadim KORBUT (Russian Federation)

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - COMPLEX URBAN SYSTEMS 1
CHAIRPERSON(S): Maria GUNKO

- Urban challenges in a complex world
  Celine ROZENBLAT (Switzerland)
- Determining social dimension of vulnerability in Romania by exploratory spatial data analysis
  Ibolya TOROK (Romania)

- Territorial Disarray And Competition Between High-Speed Railway Stations Outside Medium-Sized Cities And Conventional Railway Stations: A Failed Attempt To Co-Ordinating Urban Development And Railway Stations As A Component Of Urban Sustainability
  Carmen VÁZQUEZ, Carmen BELLET, José MARTÍNEZ (Spain)

- Evidence of economic activity shift from Atlantic to Pacific region
  Oleg SINYUGIN, Mikhail BEREZKIN (Russian Federation)

- Environmental Flows Management In A Context Of Green Development
  Alla PAKINA (Russian Federation)
- A GPP assimilation model in southeastern Tibetan Plateau coupled CO2 eddy covariance flux tower and remote sensing information
  Jiahua ZHANG, Yan JIANG (China)

- Influence of natural and anthropogenic emissions of greenhouse and polluting gases on climate and ecosystem changes in Eurasia (Presentation of new PEEX labelled project)
  Andrey SKOROKHOD, G.GOLITSYN (Russian Federation)

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**building C**

**THURSDAY, 20 AUG. 09:30-11:00**

**C225**

09:30-11:00

**C12.18 HAZARD AND RISK - ANTHROPOGENIC INFLUENCE ON NATURAL HAZARDS AND RISKS 1**

**CHAIRPERSON(S):** Sergey SOKRATOV

- Impact of Artisanal Gold Mining on Soil Quality in Banyumas District, Central Java, Indonesia
  Wawan BUDIANTA (Indonesia)

- Natural disasters and land-use/land-cover change in the southwest coastal areas of Bangladesh
  Md Ubydul HAQUE (Bangladesh)

- Geoinformational technologies for thematic mapping based on remote sensing data
  Paul KARGASHIN, Boguslav NOVAKOVSKIY, Anna PRASOLOVA, Roman PERMYAKOV (Russian Federation)

- Transformation of landscapes of coast Caspian Sea and experience of landscape planning
  Ramiz MAMMADOV, Elbrus ALIZADE (Azerbaijan)

- River runoff of boreal watersheds with anthropogenically transformed land cover
  Zakhar BORTNOVSKY (Russian Federation)

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**C229**

09:30-11:00

**C 12.06 COLD REGION ENVIRONMENTS - RESOURCES, WELL-BEING AND SUSTAINABLE DEVELOPMENT 1**

**CHAIRPERSON(S):** Andrey Petrov, Tatiana VLASOVA

- Sustainable development in Arctic, cold and remote regions: past and future research milestones
  Andrey PETROV, Peter SCHWEITZER, Gail FONDAHL (United States of America)

- Coping with Uncertainty in a Changing Community-Landscape: Resilience to Natural Resource Development in the Timan-Pechora Province
  Julia LOGINNOVA (Russian Federation)

- Sustainable Urbanism in Tasiilaq, Greenland
  Vlad LYAKHOV (Norway)

- Transformation of human settlements in Northeast ethnic regions of Russia and its relation to natural resources use
  Tamara LITVINENKO (Russian Federation)
Cities of the Russian Arctic: population change and migration patterns in the post-Soviet period
Evgeniy DENISOV (Russian Federation)

C12.09 ENVIRONMENT EVOLUTION: LANDSCAPE DYNAMICS AND HUMAN IMPACTS
DURING THE LAST MILLENNIUM 4
CHAIRPERSON(S): Elena NOVENKO, Daniil KOZLOV

- Late Holocene environment dynamics and human activity in the forest-steppe zone of European
  Russia (satellite and pollen-based reconstructions)
  Elena NOVENKO (Russian Federation)

- Landscape dynamics and human impacts in the Late Holocene in the Ladoga basin
  Tatyana SAPELKO, Dmitry GERASIMOV, Tatyana GUSENTSOVA (Russian Federation)

- Land use history of the Meschera Lowland (European Russia) in the XVIII-XXI centuries
  Viktor MATASOV (Russian Federation)

- Old Russian City And The Landscape
  Irina GRAVES, K.K. GRAVES, V.A. NIZOVTEV, N.M. ERMAN (Russian Federation)

C12.11 GEOGRAPHICAL EDUCATION - BUSINESS MEETING OF THE IGU COMMISSION
ON GEOGRAPHICAL EDUCATION (FOR ALL WHO ARE INTERESTED IN GEOGRAPHY
EDUCATION)
CHAIRPERSON(S): Joop van der SCHEE, John LIDSTONE

C12.16 GEOPARKS - GEOPARKS AND GEOHERITAGE 1
CHAIRPERSON(S): Dongying WEI

- Development Trend of Geoparks and Discussion on Several Related Questions
  Dongying WEI (China)

- A New Geopark Suggestion; Sille (Konya), Central Turkey
  Kerim KOCAK (Turkey)

- A chance for European and Global Geopark: the coastland of Cilento, Vallo di Diano and Alburni
  National Park (southern Italy)
  Valente ALESSIO, Aloia ANIELLO, Guida DOMENICO (Italy)

- Transboundary geoparks for what and to whom?: Case of a cross-national geopark in Hungary
  and Slovakia including comparisons with Japan
  Daichi KOHMOTO (Japan)

- Construction of the Geo-story Incorporating Sake Brewing Industries in the Geopark: A Case
  Study of Itoigawa Geopark, Central Japan
  Suguru SAKAGUCHI, Ryo IIZUKA, Toshio KIKUCHI (Japan)
C12.18 HAZARD AND RISK - DISASTER AND RESILIENCE 1
CHAIRPERSON(S): Shigeko HARUYAMA, Hiroshi SHIMAZU

- Hydrological regime fluctuations and its dangerous consequences for the rivers of European part of Russia
Maria KIREEVA, N. FROLOVA, E. RETS, E. TELEGINA (Russian Federation)

- Gis based flash flood runoff simulation model for upper teesta river basin - using aster dem and meteorological data
Abhisek CHAKRABARTY, Subhra MANDAL (India)

- Resilience and the memory of catastrophes
Antoine LE BLANC (France)

- The Relationship between Real Estate Transactions by Fukushima Refugees and Land Price Changes after the Great East-Japan Earthquake
Shin’ya KAWAMURA (Japan)

C215 09:30-11:00

C12.21 INDIGENOUS KNOWLEDGES AND PEOPLES’ RIGHTS - ENVIRONMENTAL JUSTICE AND INDIGENOUS RIGHTS 1
CHAIRPERSON(S): Brad COOMBES

- Conservation subdivisions – new possibilities for implementing the Indigenous right to development?
Brad COOMBES (New Zealand)

- In defense of slash-and-burn agriculture and the management of mountain grasslands
Bojer CAPATI (Philippines)

- Environmental and Social Impacts of Large Scale Hydroelectric Projects in Kinnaur a Tribal District of Himachal Pradesh in Western Himalaya (India)
Haresh SHARMA, Mir JALAL (India)

C250 09:30-11:00

C12.20 HISTORY OF GEOGRAPHY - EXPLORING AND MAPPING LANDS, AIR AND WATERS. RESEARCH ON THE HISTORY OF GEOGRAPHICAL EXPLORATIONS 4
CHAIRPERSON(S): Jacobo GARCÍA-ÁLVAREZ, Alexey POSTNIKOV

- From Generous to Hungry Steppe: Geographical Explorations of Central Asia
Christine Bichsel (Switzerland)

- The study of historical waterways as actual historical and modern scientific research
Valerian SNYTKO, Vera SHIROCOVA, Alexey POSTNIKOV, Viacheslav NIZOVCEV, Olga ROMANOVA, Nadezhda OZEROVA, Alexei SOBISEVICH, Natalia FROLOVA, Vera SAVENKOVA, Vasilij CHESNOV, Roy SHIROCOV, Natalia ERMAN (Russian Federation)

- The history of construction and modern usage of Augustów Canal
Alexey SOBISEVICH, Vera SHIROCOVA, Alexei POSTNIKOV, Olga ROMANOVA, Nadezhda OZEROVA, Vasilij CHESNOV (Russian Federation)
- Mapping Cross-cultural Exchange of Geographic Knowledge: Indians and Explorers in Jaime Cortesão’s comments on the Exploration of Brazilian Territory
  André Reyes NOVAES (Brazil)

C237 09:30-11:00

C12.33 POLITICAL GEOGRAPHY - FOR KROPOTKIN
CHAIRPERSON(S): Anthony INCE, Simon SPRINGER

- The Ethical Dynamics of Economic Change
  Ruth KINNA (United Kingdom)

- Learning Through The Soles of Our Feet: Kropotkin, Geography, and the Case for Unschooling
  Simon SPRINGER (Canada)

- “Producing for the producers themselves”: Peter Kropotkin’s challenge to labour geography
  Anthony INCE (Sweden)

- Kropotkin’s Law of Mutual Aid
  Lee Alan DUGATKIN (United States of America)

- “Anarchy: the highest expression of order”: the coming society according to Pyotr Kropotkin and the Anarchist Geographers
  Patrick MINDER, Federico FERRETTI (Switzerland)

C203(S) 09:30-11:00

C12.32 MOUNTAIN RESPONSE TO GLOBAL CHANGE - MOUNTAIN REGIONS IN CONTEXT OF GLOBAL CHANGE; ADAPTATION, NEW APPROACHES AND ROLE OF SCIENCE 1
CHAIRPERSON(S): Yuri BADENKOV, Raisa GRACHEVA

- Altai-Sayan Transboundary Mountain mega-corridor: reconciling natural and cultural heritage with sustainable development goals
  Yuri BADENKOV (Russian Federation)

- Perception and adaptability of the population in the Ecuadorian Andes to the climatic variability. Multicultural comparative analysis
  Svetlana ZAVGORODNIAYA, Anna COSTALES, Sofía ENRÍQUEZ (Ecuador)

- The research-action interface in sustainable land management in Kyrgyzstan and Tajikistan: challenges and recommendations
  Bettina WOLFGRAMM, Jyldyz SHIGAEVA, Chad DEAR (Switzerland)

- Integrating science-based, participatory, and transboundary landscape approaches for adaptation and sustainable development within the Asian Highlands
  Robert ZOMER, Jianchu XU (China)

- Environmental management’s clusters in Dagestan
  Eldar ELDAROV, Magomedkamil GADZHIYEV, Shahmardan MUDUEV (Russian Federation)
CULTURAL REGIONALISM AND REGIONAL IDENTITY 1

CHAIRPERSON(S): Vladimir STRELETSKIY

- Eastern Ukraine through the perspective of historical narratives, political discourses and local identities
  Anton GRITSENKO (Russian Federation)

- Ethnic stereotypes of the Border region population (Kursk oblast)
  Lyudmila POPKOVA, Ann POPKOVA (Russian Federation)

- The Transformation of Ethno-Cultural Space of Russia in the Post-Soviet Time: Inter-Regional Dimension
  Vladimir STRELETSKIY (Russian Federation)

BRINGING TOGETHER SELENGA-BAIKAL RESEARCH 2015

CHAIRPERSON(S): Jerker JARSJÖ, Daniel KARTHE, Ekaterina PROMAKHOVA

- Vegetation dynamics of dry climatic zones from NDVI time series analysis and field investigations

- Steppe plant communities of Mongolian dry climatic zones
  Zhargalma ALYMBAEVA, E.Zh. GARMAEV, B.Z. TSYDYPOV, E.A. BATOTSYRENOV, A.A. AYURZHANAEV, D.V. SANDANOV, G. UDVAL (Russian Federation)

- The transformation of the landscape of the Selenga River Delta under the influence of hydrological regime
  Maksim PAVLOV, Elena ILICHEVA (Russian Federation)

- Dendrochronological reconstruction of Selenga River and its main tributaries runoff
  Endon GARMAEV, S.G. ANDREEV, A.A. AYURZHANAEV, B.Z. TSYDYPOV (Russian Federation)

SEDIMENT REDISTRIBUTION AND EXOGENIC PROCESSES DYNAMICS IN SMALL RIVER BASINS 2

CHAIRPERSON(S): Vladimir BELYAEV, Michael MÄRKER

- Assessment of hydrological processes and sediment dynamics in the Mugello basin
  Elmar SCHMALTZ, Michael MÄRKER, Yulia KUSNETZOVA, Petr KHOMYAKOV, Tobias RENTSCHLER, Hans ROSNER (Germany)

- Monitoring the evolution of a well-developed gully to a small scale gully-system from 1889 to 2015 using geomorphometric, geophysical and remote sensing approaches, NE Romania
  Elmar SCHMALTZ (Germany)
- Model of suspended sediments transport for lowland rivers under the influence of hydrotechnical structures on an example Koronowski Reservoir
  Dawid SZATTEN, Michael MAERKER (Poland)

- Indicators of rivers geomorphological functionality, application of the EU Water Framework Directive in Sicily (Italy)
  V. AGNESI, S.E. ANGILERI, M. CAMA, C. CONOSCENTI, E. ROTIGLIANO (Italy)

- Characteristics of a fine sediment behavior in debris gorge in the Western Pacific Region
  Goro MOURI, Sergey CHALOV (Japan)

**C101**

**09:30-11:00**

**C12.34 POPULATION GEOGRAPHY - PROCESSES OF POPULATION CHANGE AND MIGRATION 4**

**CHAIRPERSON(S):** Jianfa SHEN, Yu ZHU

- The multi-locational status of China’s floating population and their social protection: Challenges and policy implications
  Yu ZHU, Liyue LIN (China)

- Migration, Population Change And Social Conflicts In India
  Anuradha BANERJEE, Chandreyi BANERJEE (India)

- A Tussle of Social Status between Migrants and the Wealthy Non-Migrants of Rural Dinajpur
  Sudipta SARKAR (India)

- The Temporal and spatial patterns of the Migrants’ Mobility across Cities and Their Gender Difference: Evidence from a Survey in Fujian Province
  Liyue LIN, Yu ZHU (China)

- An investigation into the effect of population dynamics and socio-economic disparities on primary school education: A case of Vhembe District, Limpopo, South Africa
  Madzinge NEMBUDANI (South Africa)

**C355**

**09:30-11:00**

**WATER RESOURCES CHANGE IN EURASIA IN XXI CENTURY 4**

**CHAIRPERSON(S):** R.B.SINGH, Sergey CHALOV, Daniel KARTE

- Water resources of largest lakes in Eurasia, current state and near-term prospects
  Anna IZMAILOVA (Russian Federation)

- High Fluoride And Endemic Fluorosis: A Case Study Of Didwana Tehsil, Rajasthan
  Amita CHAUDHARY, Vijay CHAUDHARY (India)

- Long-term scenario design of river runoff changes in the large Russian river basins.
  A.G. GEORGIADI, N.I. KORONKEVICH, I.P. MILYUKOVA, E.A. BARABANOVA (Russian Federation)

- Using UAV generated data for the characterisation of riverine systems – case study in the headwaters of the Volga River
  Christian HAAS, Philipp THUMSER, Jeffrey TUHTAN, V.V. KUZOVLEV, Y. N. ZHENIKOV, Martin SCHLETTERER (Germany)
C12.40 WATER SUSTAINABILITY - WATER QUALITY, HEALTH AND HUMAN IMPACTS 1
CHAIRPERSON(S): Kazuki MORI, Maria GRECHUSHNIKOVA

- Geographical and hydrological study of the water supply system of the Moscow metropolis
  Y. DATSENKO, V.V. PUKLAKOV, K.K. EDELSTEIN (Russian Federation)
- Spatial Dimensions of Drinking Water in an Agriculturally Prosperous State Haryana, India
  Kuldeep SINGH (India)
- Challenge Of Integrated River Basin Management Of The Velika Morava River
  Ana PETROVIC, Ana PESIC (Serbia)
- Time trends of precipitation acidity, sulfur and nitrogen atmospheric depositions in Russian
  regions according to the monitoring of snow cover chemistry data
  Dmitry MANZON, Vladimir KUZOVKIN, Vladimir VETROV (Russian Federation)

C203(B) 09:30-11:00

C12.26 LAND USE AND LAND COVER CHANGE - PROBLEMS AND CONSEQUENCES OF
LAND USE/LAND COVER CHANGES: 4 CROSS-SECTORAL (BIOPHYSICAL AND SOCIO-
ECONOMIC) LUCC DRIVERS
CHAIRPERSON(S): Ivan BiČIK, Elena MILANOVA

- A Cross-sectoral Approach to Analyse Land Use in Germany
  Johanna FICK, Horst GÖMANN, Peter KREINS, Roland GOETZKE (Germany)
- Ecosystem services, human well-being and sustainable cities – results of comparative German-
  Russian research work
  Diana DUSHKOVA, Dagmar HAASE (Russian Federation)
- Land Use change impact on biodiversity and local ecosystem. A case study of Thohoyandou,
  Limpopo Province. South Africa
  Olujimi OSIDELE, Nthaduleni NETHENGWE (South Africa)
- Wasteland and Reserved Land around Forest: a crossroad of LUCC in India
  Koichi KIMOTO, S. ARUN DAS, R.B. SINGH, R. MAHFUZA, P. SHARMA (Japan)
- Climate Driven Land Cover Change and Violence in the Sahel
  Lindsay ROGERS (United States of America)

11:00-11:30 - COFFEE BREAK

ASSEMBLY HALL  PLENARY LECTURE  11:30-13:00

- Climate change and conflict in Sub-Saharan Africa
  Professor John O’LOUGHLIN (USA)
- Addressing the Challenges of the Geography of Future Earth
  Professor Gordon MCBEAN (Canada)

13:00-14:00 – LUNCH
C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - TOURISM GEOGRAPHIES
CHAIRPERSON(S): Dieter MULLER

- “China Watching”: The making of a collection in Journal of China Tourism Research
  Honggen XIAO (China)
- Compiling the Dictionary of Tourism (Nature-Culture-Travels) in five languages
  Anna KOMAROVA, V.M. KOTLYAKOV (Russian Federation)
- Science Of Tourism As Integrative And Imperative Branch Of Geography
  Iu. N. GOLUCHIKOV, V.I. KRUZALIN (Russian Federation)

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - COMPLEX URBAN SYSTEMS 2
CHAIRPERSON(S): Maria GUNKO

- Urbanisation in Rajasthan: A Comparative Study of the Eastern and Western Plains
  Chandreyi BANERJEE (India)
- Urbanization in a changing context of economic growth and decline: the cases of Spanish,
  Italian and Greek urban systems
  Petros PETSIMERIS, Dolores SANCHEZ-AGUILERA, Stefania RIMOLDI (France)
- Socio-Geographical Research On Industrial Urban Systems In Ukraine
  Alexander GLADKEY (Ukraine)
- Scenarios of the development of single-industry towns in Russia
  Dmitry ZEMLYANSLIY (Russian Federation)

C12.28 LOCAL AND REGIONAL DEVELOPMENT - LOCAL AND REGIONAL DEVELOPMENT: PROJECT AND PLANNING 2
CHAIRPERSON(S): Carmen VÁZQUEZ

- Multi-planning Coordination State and a Collaborative Solution for Urban Agglomeration
  Planning in China
  Guo RUI, Fan JIE, Chen DONG, Wang YAFEI (China)
- From Strategic Coupling to Decoupling and Recoupling: Changing Dynamics of Global
  Production Networks and Evolution of Regional Development in China
  Chun YANG (China)
Development of Backward Regions in India: Issues and Concern
Krishna MOHAN (India)

Origin Effects, Spatial Dynamics and Redistribution of FDI in Guangdong, China
Hua Xu, Anthony YEH (China)

PAN-EURASIAN EXPERIMENT (PEEX) – A RESEARCH INITIATIVE MEETING «THE GRAND CHALLENGES OF THE CHANGING ENVIRONMENT OF THE NORTHERN PAN-EURASIAN ARCTIC-BOREAL AREAS» 5
CHAIRPERSON(S): Sergey DOBROLYUBOV

- Pan-Eurasian Experiment (PEEX) research agenda - System understanding of the Arctic-boreal regions for scenarios and assessments of the the Northern Pan-Eurasian environments
  Hanna LAPPALAINEN (Finland)

- Possibilities of space-borne monitoring of atmosphere pollution in Northern Eurasia in the framework of the Pan-Eurasian Experiment (PEEX)
  E.S. MITYUSHINA, V.G. BONDUR, O.S. VORONOVA, A.P. TUSHNOVA (Russian Federation)

- Studying emissions of trace gases and aerosols resulting from wildfires into the atmosphere of Northern Eurasia with satellites
  C.A. ARUTYUNYAN, V.G. BONDUR, M.A TARASOVA (Russian Federation)

- Numerical study of water-atmosphere gas exchange parameterization for a boreal lake
  Sofya GUSEVA, V.M. STEPANENKO (Russian Federation)

THEMATIC LECTURE

- The place names and identity
  Professor Cosimo PALAGIANO (Italy)

- Urban challenges in a complex world
  Professor Céline ROZENBLAT (Switzerland)

C12.18 HAZARD AND RISK - ANTHROPOGENIC INFLUENCE ON NATURAL HAZARDS AND RISKS 2
CHAIRPERSON(S): Sergey SOKRATOV

- Estimation of social-economic risks for the territory of adverse and dangerous natural phenomena spreading
  Svetlana BADINA (Russian Federation), Vyacheslav BABURIN (Russian Federation)

- Land Use-Vegetation-Landslide Interactions In The Mountainous Region Of Rio De Janeiro State: Basis For Risk Assessment And Management
  Ana Luiza COELHO NETTO (Brazil), Anderson Mululo Sato (Brazil), Leonardo Esteves de Freitas (Brazil)

- Landslide risks in Chuvashia
  Nikolai PETROV (Russian Federation), Inna NIKONOROVA (Russian Federation)
C 12.06 COLD REGION ENVIRONMENTS - RESOURCES, WELL-BEING AND SUSTAINABLE DEVELOPMENT 2
CHAIRPERSON(S): Andrey PETROV, Tatiana VLASOVA

- Risks of natural-technological accidents in Russia: geographical analysis of the database
  Elena PETROVA (Russian Federation)
- The place names and identity
  Professor Cosimo PALAGIANO (Italy)
- Urban challenges in a complex world
  Professor Céline ROZENBLAT (Switzerland)
- Risks of natural-technological accidents in Russia: geographical analysis of the database
  Elena PETROVA (Russian Federation)
- The place names and identity
  Professor Cosimo PALAGIANO (Italy)
- Urban challenges in a complex world
  Professor Céline ROZENBLAT (Switzerland)
- River ice breakup and ice-jam events in the European Russia under climate change
  Svetlana AGAFONOVA, Natalia FROLOVA (Russian Federation)
- Food and water security monitoring in the Arctic: approaches and indicators
  Tatiana VLASOVA, Sergey VOLKOV, Alexander KHROPOV, Ivan LYTKIN (Russian Federation)
- Post-soviet transformation in Chukotka District: challenges and prospects of industrial
development and traditional nature management (shifted from “Social and Ecological Challenges
and Solutions in the Arctic Coastal Zone” Commission Session)
  Evgeny ANTONOV (Russian Federation)

C 12.09 ENVIRONMENT EVOLUTION: LANDSCAPE DYNAMICS AND HUMAN IMPACTS
DURING THE LAST MILLENNIUM 5

- Dynamics and evolution of postmeliorated landscapes: A case study of Meschera lowland
  Tatiana KHARITONOVA, K.N.DIAKONOV (Russian Federation)
- Changes in landscape components interrelationships after anthropogenic disturbance
  Ksenia MEREKALOVA (Russian Federation)
- Land Degradation and Management in Dhaulpur District, Rajasthan, India
  Rama PRASAD, Rani SINGH (India)
- Assessment of land use and landscape dynamics contribution to contaminants migration at the
element of 137Cs in Bryansk region (European Russia)
  Kristina NENKO, Vitaly LINNIK, Nadezhda VOLKOVA (Russian Federation)

C 12.11 GEOGRAPHICAL EDUCATION - INTERNATIONAL LINKS AND INNOVATIONS 2
CHAIRPERSON(S): Eje KIM

- Sharing knowledge via new technology
  Aya GREENFELD (Israel)
- Visual Literacy And Geography Textbooks – Eye-Tracking Study
  Yvonne BEHNKE (Germany)
- African Network for Geo-Education: Challenges and Perspectives
  Kholoud ABDELMAKSOUD, Abdelouahed LAGNAOUI (Egypt)
- Beyond stereotypes of Asian women in World Regional Geography: Revisiting Southeast Asia for
feminist teaching and researches
  Eje KIM (Republic of Korea)
C12.16 GEOPARKS - GEOPARKS AND GEOHERITAGE 2
CHAIRPERSON(S): Wei DONGYING
- A Suggested Training Area For Geopark And Geotourism In Example Of Kazdağlari (Ida Mountains) Kamile GÜLÜM (Turkey)
- Protected Landscapes in Moscow
Svetlana SAMSONOVA (Russian Federation)
- The scientific and educational value of non-karst caves in a new Geopark project «Wisłok Valley – The Polish Texas» (the Polish Outer Carpathians)
Michał ZATORSKI (Russian Federation)
- Long Experience of Nomination of the Area «Belogradchik Rocks» (Bulgaria) for European Network of Geoparks
N.N.KALUTSKOVA (Russian Federation), D.SINNYOVSKY (Bulgaria), A.A.MANZHETOVA (Russian Federation)

C12.18 HAZARD AND RISK - DISASTER AND RESILIENCE 2
CHAIRPERSON(S): Shigeko HARUYAMA, Hiroshi SHIMAZU
- Environmental hazards, vulnerability and sustainability issues in sunderbans of West Bengal,India
Twisha SINGH, Anuradha BANERJEE (India)
- Creation of tools of warning and prevention of impacts of the dangerous natural disasters
Evgeny VYAZILOV, N.CHUNYAEV (Russian Federation)
- Flood risk of the middle reaches of the Amur in land cover changing
Shigeko HARUYAMA, Mizue MUROOKA (Japan)

C12.21 INDIGENOUS KNOWLEDGES AND PEOPLES’ RIGHTS - ENVIRONMENTAL JUSTICE AND INDIGENOUS RIGHTS 2
CHAIRPERSON(S): Brad COOMBES
- Aborigine cultural landscapes in the Arctic: present day status and protection measures
Tatiana KRASOVSKAYA (Russian Federation)
- Landuse Rights of the Soliga Indigenous Communities in Male Mahadeshwara Hills and Sathyamangalam Hills of Southern India
Divya SWAMINATHAN (Germany)
- Governance of MPA and indigenous cartography in the western Caribbean
Akiko IKEGUCHI (Japan)

C12.20 HISTORY OF GEOGRAPHY - EXPLORING AND MAPPING LANDS, AIR AND WATERS. RESEARCH ON THE HISTORY OF GEOGRAPHICAL EXPLORATIONS 5
CHAIRPERSON(S): Jacobo GARCÍA-ÁLVAREZ, Alexey POSTNIKOV
- Mapping of changing political unites and changing borders (950-1935) by Albert Halász
Zoltán HAJDÚ (Hungary)
Rediscovering the Sea: The 19th Century Charting of the Adriatic Sea and the Development of Modern Hydrography
Mirela ALTIC (Croatia)

Contribution of Western Travelers to Makkah «Mecca» Maps
Ramze ELZAHRANY, Meraj MIRZA (Saudi Arabia)

Kiepert’s Palestine Map 1840 after Robinson and Smith: History and Analysis of a Compiled Exploration Map of the Holy Land
Haim GOREN, Bruno SCHELHAAS (Israel)

C237  14:00-15:30
C12.09 ENVIRONMENT EVOLUTION: CLIMATE - VEGETATION INTERACTION UNDER CURRENT AND FUTURE CLIMATE CHANGE SCENARIOS 1
CHAIRPERSON(S): Alexander OLCHEV

- Impacts Of Climate Change On Tribal Life In India
  Chikka SWAMY (India)

- Human exposure to environmental health concern by types of Mediterranean urban environments
  Izhak SCHNELL, O. POTCHTER, Y. YAAKOV, Y. EPSTEIN (Israel)

- Future Sea Level estimation based on the paleoclimate data
  Leonid SOROKIN (Russian Federation)

C203(S)  14:00-15:30
C12.32 MOUNTAIN RESPONSE TO GLOBAL CHANGE - MOUNTAIN REGIONS IN CONTEXT OF GLOBAL CHANGE; ADAPTATION, NEW APPROACHES AND ROLE OF SCIENCE 2
CHAIRPERSON(S): Bettina WOLFGRAMM

- Improving local Governance of Ecosystem Services through Virtual Observatories in Naryn, Kyrgyzstan
  Zuura MAMADALIEVA, Aiganysh ISAEVA, Christian HERGARTEN, Marc FOGGIN (Kyrgyzstan)

- Socio-economic assessment of the conditions for development of mountain regions
  M.D. GORYACHKO, V.L. BABURIN, A.I. DANSHIN, P.L. KIRILLOV (Russian Federation)

- The North Caucasus: tourism versus agriculture and traditions of the people
  Raisa GRACHEVA (Russian Federation)

- The Russian Altai landscapes: investigation and inventory for sustainable mountain development
  Dmitry CHERNYKH (Russian Federation)

C202  14:00-15:30
CULTURAL REGIONALISM AND REGIONAL IDENTITY 2
CHAIRPERSON(S): Vladimir STRELETSKY

- Landscape of the Ethnic Group Formation and Complementarity of Ethnic groups as a Foundation of the Regional Identity Formation
  Tatiana GERASIMENKO (Russian Federation)
Multiple territorial identity: Arctic and Post-Modernity
Nadezhda ZAMYATINA (Russian Federation)

The social life of pineapple: Food, cultural politics, and symbolic commodification
Chi-Shan CHEN (Taiwan)

C201 14:00-15:30
C12.35. SUSTAINABILITY IN RURAL SYSTEMS / C12.30 MEDITERRANEAN BASIN
- STRATEGIES TO CREATE HEALTH, WELTH AND HAPPINESS IN THE RURAL AREAS
CHAIRPERSON(S): Ana FIRMINO, Kim DOO-CHUL -, Maria PARADISO

Be Young and “happy” in the periurban edges of the Great Paris
Catherine DIDIER-FEVRE (France)

Accessible tourism: an opportunity for Health, Wealth and Happiness
Ana FIRMINO (Portugal)

When Tradition and Culture do not match with Sustainability
Ana FIRMINO (Portugal)

C253 14:00-15:30
BRINGING TOGETHER SELENGA-BAIKAL RESEARCH 2015
CHAIRPERSON(S): Jerker JARSJÖ, Daniel KARTHE, Ekaterina PROMAKHOVA

Lake Baikal as a natural phenomenon and which fingerprint was caused by use of its natural resources
Christian OPP, Endon GARMAEV, Tatiana ABIDUEVA (Germany)

Specific Features of the Accumulation and Spatial Distribution of Heavy Metals and Metalloids in Soils of Mining Landscapes (Zakamensk, Buryatia)
Ivan V. TIMOFEEV, Natalia E. KOSHELEVA (Russian Federation)

Geochemical changes of landscapes due to brown coal mining at the Sharyngol deposit in the Central Mongolia
Alexey ALEKSEENKO, Natalia KOSHELEVA, Nikolay KASIMOV, Sandag ENKH-AMGALAN (Russian Federation)

Assessing the role of placer mines in sediment delivery to the Tuul River (Mongolia)
Jan PIETRON, Jerker JARSJÖ (Sweden)

C255 14:00-15:30
SEDIMENT REDISTRIBUTION AND EXOGENIC PROCESSES DYNAMICS IN SMALL RIVER BASINS 3
CHAIRPERSON(S): Oleg ERMOLAEV, Michael MÄRKER

Morphometric characterization of a calanchi inventory in Sicily, Italy
CARABALLO-ARIAS, N A; CONOSCENTI, C; Di STEFANO, C; FERRO, V (Italy)

Sediment redistribution in submountain small river basin: case study from the Black Sea coast
Yulia KUZNETSOVA, Daria TSVETKOVA, Valentin GOLOSOV, Askar ILYASOV, Anatoly TSYPLENKOV (Russian Federation)
Assessment of hydro-erosive processes in small steep coastal basins in Liguria and Sicily, Italy
Michael MÄRKER, Ivano RELLINI, Claudia SCOPESI, Elmar SCHMALTZ, Sergey CHALOV, Silvia ANGILERI, Mariaelena CAMA, Christian CONOSCENTI, Luigi LOMBARDO, Edoardo ROTIGLIANO, Marco FIRPO (Germany)

Predicting storm triggered debris flow events: application to the 2009 Ionian-Peloritan disaster (Sicily, Italy)
Mariaelena CAMA, Luigi LOMBARDO, Christian CONOSCENTI, Dario COSTANZO, Edoardo ROTIGLIANO (Italy)

Modeling landslide susceptibility by using GIS-analysis and multivariate adaptive regression splines
Christian CONOSCENTI, Valerio AGNESI, Silvia ANGILERI, Mariaelena CAMA, Nathalie Almaru CARABALLO-ARIAS, Marilena CIACCIO, Luigi LOMBARDO, Edoardo ROTIGLIANO (Italy)

C101 14:00-15:30

C12.34 POPULATION GEOGRAPHY - PROCESSES OF POPULATION CHANGE AND MIGRATION 5
CHAIRPERSON(S): Jianfa SHEN, Yu ZHU

Population Inequality in Hong Kong: from Poverty to Social Exclusion
Yefang HUANG (China)

Spatial Mobility of Educated Young People from Peripheral Areas: The Case of Chaohu, China
Huimin DU (China)

Migration influence on the population density of border area (Kursk region)
Lyudmila POPKOVA (Russian Federation)

Arctic territories and indigenous peoples: problems of social-demographical development (on the example of Republic of Sakha (Yakutia))
T.S. MOSTAKHOVA, A.A. PAKHOMOV, D.V. TUMANOVA (Russian Federation)

C355 14:00-15:30

WATER RESOURCES CHANGE IN EURASIA IN XXI CENTURY 5
CHAIRPERSON(S): R.B.SINGH, Sergey CHALOV, Daniel KARTHE

Re-establishing river continuity: examples of WFD-measures along the Inn River (Tyrol, Austria)
Martin SCHLETTERER, Martin OBERWALDER, Johann NEUNER, Gebhard SENN, Stefan THONHAUSER, Andreas HEEL, Robert REINDL, Bernhard HOFER (Austria)

Regional estimation of daily reference evapotranspiration from limited numbers of weather parameters and GIS technique
Sabziparvar AKBAR-ALI, S. SAGHAEE, M.J. NAZEMOSADA and H. NOZAR (Iran)

Classification of benthic biocenosis of the lowland river Tudovka (Tver Region, Russia) using community features
Martin SCHLETTERER, Vyacheslav V. KUZOVLEV, Yuri N. ZHENIKOV, Nataliya STROKINA, Jeffrey TUHTAN (Austria)

Land Use Land Cover Mapping, Change Detection Using Geo-Informatics And Pollution In Yamuna River, Delhi
Vishwa SHARMA (India)
C12.40 WATER SUSTAINABILITY - WATER QUALITY, HEALTH AND HUMAN IMPACTS 2  

CHAIRPERSON(S): Kazuki MORI, Maria GRECHUSHNIKOVA

- A novel multi sorbent for simultaneous removal of pollutants  
  Ali MAHDAVI MAZDEH (Iran), Anahita ESMAELIAN (Iran), Hossein GHAFORIAN (Iran),  
  Tatiana BIBIKOVA (Russian Federation)

- Seasonal Change in the water quality and dissolved oxygen of the inundated forest in Lake Tonle Sap, Cambodia  
  Hideo OYAGI, Hang PEOU, Shinji TSUKAWAKI (Japan)

- The Impact of Environmental Regulation on the Migration of Pollution Industry in Chinese Guangdong Province  
  Jing SHEN, Huang SHUANGSHUANG (China)

C203(B)  

C12.26 LAND USE AND LAND COVER CHANGE - PROBLEMS AND CONSEQUENCES OF LAND USE/LAND COVER CHANGES: 5 LAND COVER CHANGES UNDER SPECIFIC ECOSYSTEM CONDITIONS AND IN DIFFERENT COUNTRIES  

CHAIRPERSON(S): Ivan BiČÍK, Elena V. MILANOVA

- Land Use and Land Cover Changes on the Islands of Peter Great Bay (Japan Sea)  
  Kirill GANZEI (Russian Federation)

- Integrated assessment of environmental quality of coastal regions of the Pacific Russia for land use planning  
  Victor ERMOSHIN (Russian Federation)

- Geospatial Analysis for Long-Term Changes of Vegetation Fraction in Inner Mongolian Desert Steppe Region, China  
  Bayaer WULIANGHA. Aodenggaowa, Han WULANQIQIGE, Sun GUANGFU, Chen JIANBO (China)

- Land Cover Change in West Africa – Changes and Consequences  
  Fatou B MANDIANG (United States of America)

- Large scale land Acquisition in Ethiopia: Case of Karuturi Global Mohammad Amir  
  Mohammad ANWAR (South Africa)

15:30-16:00 COFFEE BREAK
C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - GEOGRAPHIES OF POLAR TOURISM
CHAIRPERSON(S): Dieter K. MÜLLER

- Governing Sub-Arctic Tourism: Public Stakeholders’ Perspective on Tourism Development in Swedish Lapland
  Dieter K. MÜLLER, Louise ROBERTSSON (Sweden)

- Landscape - ecological support of the paleontologically oriented National park in the New Siberian (Novosibirskiy) archipelago
  Grigoriy V. KAZACHKOV, S.V. LEVYKIN, A.A.CHIBILEV, G.V. KAZACHKOV, I.G. YAKOVLEV, D.A. GRUDININ (Russian Federation)

- Local Tourism and Recreation as a Key Factor of Human Well-Being in the Circumpolar Territories of Krasnoyarsk Region, Russia
  Elena GUK (Russian Federation)

- Tourism development governance in the Russian Arctic: examples from Nenets AO and Sakha Republic
  Albina PASHKEVICH (Sweden)

C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - TOURISM GEOGRAPHIES
CHAIRPERSON(S): Dieter MULLER

- “China Watching”: The making of a collection in Journal of China Tourism Research
  Yafei WANG, Fan JIE, Chen DONG, Guo RUI (China)

- Compiling the Dictionary of Tourism (Nature-Culture-Travels) in five languages
  Anna KOMAROVA, V.M. KOTLYAKOV (Russian Federation)

- Science Of Tourism As Integrative And Imperative Branch Of Geography
  Iu. N. GOLUBCHIKOV, V.I. KRUZALIN (Russian Federation)

C12.28 LOCAL AND REGIONAL DEVELOPMENT - LOCAL AND REGIONAL DEVELOPMENT: PROJECT AND PLANNING 3
CHAIRPERSON(S): Carmen VÁZQUEZ

- Regional resources and environment carrying capacity model for earthquake area planning
  Yafei WANG (China)

- Gold Mining and Sustainable Development in Saudi Arabia
  Mohammed ALDAGHEIRI (Saudi Arabia)

- Local and regional development in the Great Eastern Venezuela: an example of “pioneer” local and regional development
  Anne PENE-ANNETTE (France)
Assessment of the Biospheric Contribution to Surface Atmospheric CO₂ Concentrations over East Asia with a Regional Chemical Transport Model
Meigen ZHANG, Xingxia KOU, Zhen PENG, Yinghong WANG (China)

Cold CO₂ emission from sub-boreal soils: current trends and effect of repeating freezing-thawing events
Irina KURGANOVA, Valentin LOPES DE GERENYU, Tatiana MYAKSHINA, Dmitry SAPRONOV, Valery KUDEYAROV (Russian Federation)

Observations and modeling of carbon fluxes from peatlands at Southern Taiga of Western Siberia
Egor DYUKAREV, Eugenia GOLOVATSKAYA, Elena VERETENNIKOVA (Russian Federation)

The System of National Indicators for Evaluation of the Progress in Combating Land Degradation (the experience of Belarus)
Valentin YATSUKHNO, Vladimir SAVCHENKO, Sergej SAUCHYK (Belarus)

Identification of technogenic dust in Murmansk city based on the results of chemical analysis
Roman KAZYULIN (Russian Federation)

Dangerous hydrological phenomena at the Don river mouth and the influence on them of water management actions
Dmitry MAGRITSKY (Russian Federation)

Mountain landscapes: from traditional presentations to modern problems
Zulfira GAGAEVA, Umar GAIRABEKOV (Russian Federation)

Mountain grasslands of the Central Caucasus: land use heritage and contemporary change
Raisa GRACHEVA, Elena BELONOVSAYA, Vera VINOGRA DOVA, Ilya SHORKUNOV (Russian Federation)
- Succession Changes of CO2 Soil Emissions from post-agrogenic soils: Chernozems as compared to Podzols (European Russia)
  Dmitry LURI, Dmitry KARELIN, Sergei GORYACHKIN, Arseny KUDIKOV, Vsevolod LUNIN (Russian Federation)
- The agrogenic transformation of steppe-forest landscapes of Central Russian Upland
  Daniil KOZLOV, Nikolay LOZBENEV (Russian Federation)
- Carbon stocks and fluxes in the ancient residential areas of the forest zone (European Russia)
  Andrey DOLGIKH, D. KARELIN, A. KUDIKOV, A. MEDVEDEV, A. SMAGIN (Russian Federation)

**C233 16:00-17:30**

**C12.11 GEOGRAPHICAL EDUCATION - NATIONAL AND INTERNATIONAL ASSESSMENT**  
**CHAIRPERSON(S):** Lex CHALMERS

- Assessing systemic thinking in kindergarten and primary school using the topic ‘(renewable) energy’ – empirical results and issues for the future
  Kathrin VIEHRIG, Alexander SIEGMUND (Switzerland)
- Possibilities of an international assessment in geography
  Theresa BOURKE, Rod LANE, John LIDSTONE (Australia)
- Seeking gold: a review of the IGU International Geography Olympiad
  Lex CHALMERS (New Zealand), Sue LOMAS (United Kingdom), Kathryn BERG (Australia), Tomasz SAWICKI (Poland)
- English language classes is an essential element in the preparation of Russia’s team for International Geography Olympiads
  Irina OKS (Russian Federation)

**C214 16:00-17:30**

**C12.35. SUSTAINABILITY IN RURAL SYSTEMS - GLOBALIZAION AND RURAL SUSTAINABILITY 1**  
**CHAIRPERSON(S):** Doo-Chul KIM; Ana FIRMINO

- Global Coffee Production, Land Mobility and the End of Zomia in Dak Lak, Vietnam
  Doo-Chul KIM, Truong Quang HOANG, Young-Kug JOH (Vietnam)
- The social construction of the quality of tea: challenges and social embeddedness for organic tea in Taiwan
  Hung Jen TAN (China)
- Effects of land consolidation on the sustainability of rural community: a comparative case study in traditional agricultural areas of China
  Yurui LI, Zhi CAO, Yufu CHEN, Hualou LONG (China)
- Ruralities and Urbanities: spaces of coexistences in small-sized university cities in diverse rural areas of Brazil
  Wendel Henrique BAUMGARTNER (Brazil)

**C235 16:00-17:30**

**C12.18 HAZARD AND RISK - DISASTER AND RESILIENCE 3**  
**CHAIRPERSON(S):** Shigeko HARUYAMA, Hiroshi SHIMAZU

- Drought risk, impacts and adaptation by natural resource dependent communities for resilience in rural Uganda
  Shuaib LWASA, Susan NANDUDU (Uganda)
- Analysis of the Fukushima nuclear disaster in Japan socio-economy: the industrial structure of Fukushima post 3.11
  Noritsugu FUJIMOTO (Japan)

- Disaster Chain Risk Assessment in the Suizhong Coastal Zone of Bohai Sea, China
  Xuegong XU, Lifen XU (China)

**C215** 16:00-17:30

**C12.21 INDIGENOUS KNOWLEDGES AND PEOPLES’ RIGHTS - LONG-TERM ENGAGEMENT IN INDIGENOUS RESEARCH**

**CHAIRPERSON(S):** Richard HOWITT

- Filmmaking, Collaboration and ‘Decolonizing Methods’ in PhD Research
  Amber Murrey NDEWA (United States of America)

- Connecting past and present research in Northern Australia
  Siri VELAND (United States of America)

- Giving Back - Geographic data collected in 1965 returned to an Indigenous community in a rural town in NSW, Australia
  David CREW, Richard HOWITT, Janice MONK (Australia)

**C250** 16:00-17:30

**C12.20 HISTORY OF GEOGRAPHY - EXPLORING AND MAPPING LANDS, AIR AND WATERS. RESEARCH ON THE HISTORY OF GEOGRAPHICAL EXPLORATIONS 6**

**CHAIRPERSON(S):** Jacobo GARCÍA-ÁLVAREZ, Alexey V. POSTNIKOV

- Geographical Exploration in Turkey: A Disciplinary Survey
  Erdem BEKAROGLU (Turkey)

- Space coming to time: on the translation of the peripheral into the national context in modern Japan
  Naoki OSHIRO (Japan)

- Le Brésil inconnu: les récits produits par les géographes français au Brésil (1934-1946)
  Gustavo Francisco Teixeira PRIETO, Elisa Favaro VERDI (Brazil)

- Brazilian and French geographies: two comparable histories in the quantitative field
  Mariana LAMEGO, Sylvain CUYALA (Brazil)

**C237** 16:00-17:30

**C12.09 ENVIRONMENT EVOLUTION: CLIMATE - VEGETATION INTERACTION UNDER CURRENT AND FUTURE CLIMATE CHANGE SCENARIOS 2**

**CHAIRPERSON(S):** Alexander OLCHEV

- Influence of the Huancabamba depression in the evolutionary process of the flora adaptation
  Ana Dunin Borkowska SABOGAL (Peru)

- Assesment of NDVI reaction to precipitation and temperature in temporal and spatial domains on a country scale
  Maksim KULIKOV (Kyrgyzstan)

- Long-term changes hydrothermal conditions in Predbaikalie
  Nadezhda VOROPAY, Elena MAKSYUTOVA (Russian Federation)
C12.32 MOUNTAIN RESPONSE TO GLOBAL CHANGE - MOUNTAIN REGIONS IN CONTEXT OF GLOBAL CHANGE; ADAPTATION, NEW APPROACHES AND ROLE OF SCIENCE 3

CHAIRPERSON(S): Robert ZOMER

- Impact of Climate Change on Livelihood Options in Kullu Valley of Himachal Pradesh, India
  Inder Jeet SINGH (India)
- Mountain Climate Changes in Taiwan and its Implications
  Hung-Fei LEI (China)
- Peculiarities of the structure formation for mountainous catchments
  Tatiana TRIFONOVA, Sergey ARAKELIAN (Russian Federation)
- Monitoring lichen communities in montane regions under climate change stress
  Gregory INSAROV, Evgeny DAVYDOV (Russian Federation)

C202 16:00-17:30

CULTURAL REGIONALISM AND REGIONAL IDENTITY 3

CHAIRPERSON(S): Vladimir STRELETSKIY

- A reflection on the “new” regional geography in research on the identities of intensively changed areas in Czechia
  Pavel CHROMY, Zdenek KUCERA, Miroslav SIFTA (Czech Republic)
- The construction of environment by culture – German-Russian research project on perception of cultural landscape
  Diana DUSHKOVA (Russian Federation), Sebastian LENTZ (Germany)
- The territory identity transformation of Berlin citizens after reunion of Germany
  Irina KRASNOPERova (Russian Federation)

C253 16:00-17:30

BRINGING TOGETHER SELENGA-BAIKAL RESEARCH 2015

CHAIRPERSON(S): Jerker JARSJÖ, Daniel KARTHE, Ekaterina PROMAKHOVA

- The Role of Urban Areas for IWRM Implementation in Mongolia: Experiences from Catchments of the Kharaa, Tuul and Orkhon Rivers
  Daniel KARTHE (Germany)
- Urban and Mining Geochemical Impact on Aquatic Systems of the Selenga River Basin
  Mikhail LYCHAGIN, Sergey CHALOV, Galina SHINKAREVA (Russian Federation)
- Impacts of climate and socio-economic change on water quality in the Selenga river basin: a model-based scenario analysis
  Marcus Friedrich MALSY, Martina FLÖRKE, Joseph ALCAMO, Dietrich BORCHARDT (Germany)
- Conceptualizing a willow based wastewater treatment system for ger areas in Darkhan, Mongolia
  Katja WESTPHAL (Germany)
SEDIMENT REDISTRIBUTION AND EXOGENIC PROCESSES DYNAMICS IN SMALL RIVER BASINS 4

CHAIRPERSON(S): Yulia KUZNETSOVA, Christian CONOSCENTI

- Factors and rates of lateral transport of solid phase products of soil formation and its impact on state of soil cover (magnetic tracer method)
  A.N. GENNADIYEV, K.R. OLSON, A.P. ZHIDKIN, R.G. KOVACH, T.S. KOSHOVSKII (Russian Federation)

- Detailed quantification of the small river basin recent sediment budget based on reconstruction of post-fallout redistribution of the Chernobyl-derived radioactive caesium-137 (Lokna River, Tula Region, European Russia)
  Vladimir BELYAEV, Maxim IVANOV, Valentin GOLOSOV, Evgeniya SHAMSHURINA, Nadezhda IVANOVA, Dmitry BEZUKHOV, Yuichi ONDA, Yoshifumi WAKIYAMA, Olivier EVRARD (Russian Federation)

- Estimates of slope exogenic processes intensity utilizing terrestrial laser scanning
  Oleg ERMOLAEV, Bulat USMANOV, Artur GAFUROV (Russian Federation)

- Spatial modeling of suspended sediment in the European territory of Russia
  Kirill MALTSEV (Russian Federation)

C101 16:00-17:30

C12.34 POPULATION GEOGRAPHY - PROCESSES OF POPULATION CHANGE AND MIGRATION 6

CHAIRPERSON(S): Jianfa SHEN, Yu ZHU

- Social segregation and integration of migrants in peri-urbanized China: A case study in Dongguan Municipality
  Shenghe LIU (China)

- Status of women migration in Indian mega cities
  Falguni DEY (India)

- Gender Impact Assessment Of Bangladesh Climate Change Adaptation And Mitigation Policies
  Mahin Al NAHIAN, Sujit Kumar BALA (Bangladesh)

- Who migrates? Analysing households’ migration decision-making process through “gendered geographies of power”
  Choon Yen KHOO, Maria PLATT, Brenda S.A. YEOH (Singapore)

C355 16:00-17:30

C12.38 TRANSPORT AND GEOGRAPHY - GEOGRAPHICAL IMPACTS OF TRANSPORT AND REGIONAL DEVELOPMENT 5

CHAIRPERSON(S): Andrew GOETZ, Anastasia LOMAKINA

- Interregional mobility in Russia as a buster of economic growth
  Pavel CHISTYAKOV (Russian Federation)

- The subway role in development of the capital agglomeration of the Republic of Korea
  Pavel EM (Russian Federation)
■ Negotiated Settlements, Voluntarism and Asymmetries in Development Forced Displacements
  Susanna PRICE (Australia)

■ Road Transport and Agricultural Development, wudil Nigeria
  Abdulkadir Muhammad DAMBAZAU (Nigeria)

■ Transport investment and smart growth planning: Travel behavior and land use impacts of rail transit and transit-oriented development in Denver, Colorado, USA
  Andrew GOETZ (United States of America)

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**C12.17 GLOBAL CHANGE AND HUMAN MOBILITY (GLOBILITY) - RESPONSES TO DISPLACEMENT FROM ASIA PACIFIC**

**CHAIRPERSON(S):** Jane SINGER, Susanna PRICE

■ The impacts of “politics of scale” in planning intercity railway system in China’s Pearl River Delta
  Jiang XU, James Jixian WANG (China)

■ Road Transport and Agricultural Development, wudil Nigeria
  Abdulkadir Muhammad DAMBAZAU (Nigeria)

■ Transport investment and smart growth planning: Travel behavior and land use impacts of rail transit and transit-oriented development in Denver, Colorado, USA
  Andrew GOETZ (United States of America)

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**C12.26 LAND USE AND LAND COVER CHANGE - PROBLEMS AND CONSEQUENCES OF LAND USE/LAND COVER CHANGES: 6 LAND COVER CHANGES’ IMPACT ON CARBON STOCK (GENERAL APPROACH AND FOREST REGIONS)**

**CHAIRPERSON(S):** Ivan BIČÍK, Elena V. MILANOVA

■ Assessment of Soil Organic Carbon Stock under Different Land Use in the Sub-humid Eco-region of India
  Poushali ROY, S. SREEKESH (India)

■ Hydrocarbon status of soils in landscapes

■ Forest change in the centre of Eastern European plane (the 19th-20th century)
  Maria ARKHIPOVA (Russian Federation)

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**POSTER SESSIONS**

**C12.06. COLD REGION ENvironments - Cold Regions: Monitoring, observing, understanding**

■ Analyzing winter activities of wild Taimyr reindeer using Argos satellite collars
  Emily T. FRANCIS, Andrey N. PETROV, Leonid A. KOLPASHCHIKOV, and Michael MADSEN (Russian Federation)
C12.06. COLD REGION ENVIRONMENTS - COLD REGIONS: MONITORING, OBSERVING, UNDERSTANDING

- Analyzing winter activities of wild Taimyr reindeer using Argos satellite collars
  Emily T. FRANCIS, Andrey N. PETROV, Leonid A. KOLPASHCHIKOV, and Michael MADSEN
  (Russian Federation)

- Characteristics of active-layer deposits of Schirmacher Oasis, Eastern Antarctica
  Veronica ALEKSEEVA, Tatiana ALEKSEEVA, Dmitriy FEDOROV-DAVYDOV, Andrey ALEKSEEV
  (Russian Federation)

- Development of environmental monitoring systems, integrated assessment and forecast of
  environmental quality in the Yamal-Nenets Autonomous Okrug
  (Russian Federation)

C12.06. COLD REGION ENVIRONMENTS - RESOURCES, WELL-BEING AND SUSTAINABLE DEVELOPMENT IN THE ARCTIC

- Urban Development in the Arctic
  Vycheslav LYAKHOV (Russian Federation)

- Decentralized power supply based on local and renewable energy sources: a case of Russian
  Arctic
  Maria MORGUNOVA (Russian Federation), Dmitry SOLOVJOV (Russian Federation)

C12.09 ENVIRONMENT EVOLUTION: LANDSCAPE DYNAMICS AND HUMAN IMPACTS DURING THE LAST MILLENNIUM

- Aerial Photographs of mainland taken by U-2 planes: Its characteristics and interpretation
  Renya SATO, Kunitada NARUMI, Shigeru KOBAYASHI (Japan)

- The reconstruction of historical landscapes of northern forest-steppe in the valley of the Upper Don
  Evgenia GORSKAYA, Alexander ALEKSANDROVSKY, Maya GLASKO (Russian Federation)

- Soil pH hyper-spectral inversion of oases in arid areas
  Hei-gang XIONG, Kai-long WANG1, Fang ZHANG (China)

- Land use dynamics in the southern part of Valdai hills in the XVIII – XX centuries
  Pavel SHILOV (Russian Federation)

- Landscape Dynamic Mapping of The Lesunovo station (The Meshchera Region
  ya MIRONENKO (Russian Federation)

- Agroecological land evaluation and land use of the Ustianskoe plateau (southern Arkhangelsk oblast)
  Ksenia A. KINGSEP, Alexander I. GLUKHOV, Daniil N. KOZLOV (Russian Federation)

- Degradation of arid landscapes of Azerbaijan under anthropogenous pressure
  Elbrus ALIZADE, I.Ya KUCHINSKAYA., S.Yu. GULIYEVA (Azerbaijan)

C12.11 GEOGRAPHICAL EDUCATION - INTERNATIONAL LINKS AND INNOVATIONS

- Importance in the secondary education institutions of the European Union Comenius Projects:
  Kadikoy-Inta High School Comenius Projects Examples
  Gulcin ERTEK, Ahmet ERTEK (Turkey)
C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE

- Tourism And Natural Heritage Landscape Of A Ribeira Sacra (Galicia-Spain)
  Ángel CARBALLADA (Spain)

- Forecasts and tourism activity cycles
  Anna ALEKSANDROVA (Russian Federation)

- Scientific and methodological foundations for investment projects expertise in tourism and recreation
  Nataliya SHABALINA (Russian Federation)

- Les problèmes de la planification et d’organisation de tourisme médical et de la santé en Russie
  M.MOTOVILOVA (Russian Federation)

- Investigation of anthropogenic load on ecosystems: hiking tourism development as the case study
  Anastasia MYADZELETS, Natalia LUZHKOVA (Russian Federation)

C12.16 GEOPARKS - GEOPARKS AND GEOHERITAGE

- The red book of soil in landscape protected area
  Anton ROBERT, Amir GUSEYNOV (Russian Federation)

C12.20 HISTORY OF GEOGRAPHY - EXPLORING AND MAPPING LANDS, AIR AND WATERS. RESEARCH ON THE HISTORY OF GEOGRAPHICAL EXPLORATIONS

- Expedition of I.G.Voznesensky to Russian America in 1839-1849
  Tatiana FEKLOVA (Russian Federation)

- The Russian expeditions to Central Asia: The ‘epic era’ of Przhevalskii’s explorations and his system of field work
  Tatiana YUSUPOVA, Alexandr ANDREEV (Russian Federation)

C12.28 LOCAL AND REGIONAL DEVELOPMENT - LOCAL AND REGIONAL DEVELOPMENT IN RUSSIA

- The Identifying And Mapping Of Environmental Management Restrictions For The Bolshezemelskaya Tundra Cryolithozone
  T.Yu.ZENGINA, G.G. OSADTCHAYA (Russian Federation)

- Regional and local geographical potential of renewable energy sources in Russia
  Alexander A.SOLOVYEV, Kirill S.DEGTYAREV, Alim M. ZALIKHANOV, Konstantin V. CHEKAREV (Russian Federation)

- Fires in the technosphere as regional development risks: the spatial and temporal dynamics
  T.V. VASHCHALOVA (Russian Federation)

- Special aspects of territorial and productive combinations in modern Russia
  Mikhael SHARYGIN, T.A. BALINA, N.D. EROPKINA, M.B. IVANOVA, B.A., KAZAKOV A.M.
  KOROBENIKOV, A.S. LUCHNIKOV, A.A. LYADOVA, S.A. MERKUSHEV, R.S., NIKOLAEV
  V.V. REZVYKH, V.A. STOLBOV, T.V. SUBBOTINA, LYu. CHEKMENEVA, L.B. CHUPINA, P.S.
  SHIRINKIN (Russian Federation)
- Reproduced Natural Resources in the Regional Development of modern Russia
  Irina VOLKOVA (Russian Federation)

- Geoecological problems of the regions in Russia
  Ekaterina BULDAKOVA, V.G. ZAIKANOV, T.B. MINAKOVA, I.N. ZAIKANNOVA, I.S. SAVISKO, U.P. TOLSTAYA (Russian Federation)

- Conditions of Development, Current Situation, and Quality Management in the Cities and Districts (Concept and Methods of Evaluation)
  Alexander TKACHENKO, L.P. BOGDANOVA, A.S. SHYUKINA (Russian Federation)

C12.28 LOCAL AND REGIONAL DEVELOPMENT - LOCAL AND REGIONAL DEVELOPMENT: PROJECT AND PLANNING

- Maritime Openness and Its Future Prospects in Iraq
  Mohanad HAMMAD, Ramond WOESSNER (France)

- Cluster and its spatial measurement
  Vladimir ILIN (Ukraine), N.E. NEFEDOVA, I. I. MECHNIKOV (Russian Federation)

C12.32 MOUNTAIN RESPONSE TO GLOBAL CHANGE - MOUNTAIN REGIONS IN CONTEXT OF GLOBAL CHANGE; ADAPTATION, NEW APPROACHES AND ROLE OF SCIENCE

- Climate change and the identification of ecosystem services in Northern Altai conditions
  M. SUKHOVA, O. ZHURAVLYOVA, N. KOCHEEVA, A. KARANIN, Yu. NIKOLCHENKO (Russian Federation)

- Tensity of geomorphological conditions of the marginal mountain belts of Pacific Rim
  Ekaterina LEBEDEVA, Dmitry MIKHALEV, Sergey SHVAREV, Veniamin GOTVANSKY (Russian Federation)

- Assessing temperature sensitivity of subalpine shrub phenology in semi-arid mountain regions of China
  Zhibin HE, Jun DU, Junjun YANG, Longfei CHEN, Xi ZHU, Xuexiang CHANG (China)

- Contextual Analysis on Sustainability and Resilience in Community-based Tourism Response to Change: the Reyli Village in Taiwan Mountain Regions
  Chin-cheng NI (China)

- Lowland-foothill landscapes of the North-Eastern Caucasus as mountain-plain geographical ecotone
  Zagir V. ATAYEV (Russian Federation)

C12.34 POPULATION GEOGRAPHY - MIGRATING OUT OF POVERTY IN ASIA

- Demographic change and farmland holdings in a rural village of Laos
  Satoshi YOKOYAMA (Japan)

- Transnational labor migration and family planning in a rural village of Laos
  Chihiro SHIRAKAWA (Japan)

- Population growth and transnational migration to Thailand in a rural village in Laos
  Shinichi TAKAHASHI (Japan)
Demographic atlas of Slovak republic. A cartographic view on 25 years of post-socialistic demographic transformation and spatial differentiation
Branislav BLEHA, Boris VAŇO (Slovakia)

Global Economy, Local Landscape: Study on the Ethnic Economy of Japanese Expatriates in Guangzhou City
Yungang LIU, Yue CHEN, Wenting ZHOU (China)

The Study on the new generation of migrant workers’ migration desire based on hierarchy theory of needs: a case study of Suzhou
Qing ZHU, Wenjie SONG, Chenxi YUE, Liang DAI, Yuemei ZHU (China)

Socio-geographic aspects of the «Gypsy question» in France
Alina KHUSAINOVA (Russian Federation)

C12.35. SUSTAINABILITY IN RURAL SYSTEMS - GLOBALIZAION AND RURAL SUSTAINABILITY

Analysis of Stakeholders’ Networks for the Agricultural Production Space in Awaji Island, Japan
Kunimitsu YOSHIDA (Japan)

The role of social networks in adapting rural farming systems to climate variability: implications for sustainable agriculture in Pakistan
Muhammad ABID (Germany)

Fertility Decline and Transnational Mothering in a Rural Village of Laos
Futoshi NISHIMOTO (Japan)

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD

Assessing the impact of social and environmental conditions for urban planning in Moscow
T. VOROBYOVA, N. MOGOSOVA (Russian Federation)

Urban Entrepreneurialism and poverty invisibilisation: local resistances to «repulsive urbanism»
Christophe MAGER (Switzerland)

Spatial and Formation Mechanism of Low-income Stratum in Old District of Guangzhou during Transitional Era
Chunshan ZHOU, Shuiqing CAI (China)

C12.40 WATER SUSTAINABILITY - WATER QUALITY, HEALTH AND HUMAN IMPACTS

Water and Energy: Small Hydropower Plants and the Conservation of Vegetation Coverage in the State of São Paulo - Brazil
Edson Alves FILHO, SANTOS FILHO, Gildo MAGALHÃES, Giorgia LIMNIOS, Sueli Ângelo FURLAN (Brazil)

Local flow systems of confined groundwater as inferred from spatial changes in chemical properties – A case study in the Tertiary hill in the Tokai District, central Japan
Akihiro MITA, Hideo OYAGI, Kazuki MORI (Japan)

Urbanization, water management and water quality trends in Danshui River watershed, Taiwan
Mei-Hui LI, Chia HSIEH (China)
- Water resources management for sustainable agricultural development in rain shadow areas of Indapur Tahsil, Maharashtra (India)
  Bhaskar Ishwar GATKUL (India)

- Anthropogenic transformation (1962 - 2007) of alkali metal ion runoff in the Mudyuga river and the Yarenga river of Arkhangelsk Oblast
  Dinara KHAYRULLINA (Russian Federation)

THEMATIC SESSION:

CLIMATE VARIABILITY AND PREDICTABILITY

- Quantifying documentary proxy records of high wind events
  Marie-Jeanne S. ROYER, Sarah DAVIES, Cerys JONES (United Kingdom)

- Pros and cons of climate change in China
  Shaohong WU, Jikun HUANG, Yanhua LIU, Jiangbo GAO, Jun YANG, Yunhe YIN, Hao LUAN, Wanlu DONG (China)

- Fluctuations in the global atmospheric circulation in the XX-XXI century
  Nina KONONOVA (Russian Federation)

THEMATIC SESSION:

SEDIMENT REDISTRIBUTION AND EXOGENIC PROCESSES DYNAMICS IN SMALL RIVER BASINS

- Change of erosion activity in the context of climate change
  Svetlana BUDNIK (Ukraine)

- Characterization of the soil properties in agricultural areas affected by shallow landslides: application in Messina area (Sicily)
  Mariaelena CAMA, Chiara CAPPADONIA, Christian CONOSCENTI, Luigi LOMBARDO, Giuseppe MONTANA, Edoardo ROTIGLIANO (Italy)

- CART-based gully types classification: a case study in Sicily (Italy)
  S.E. ANGILERI, V. AGNESI, C. CONOSCENTI, E. ROTIGLIANO (Italy)

- Incision rates and constrains of some riverbeds by artificial meander cut-off in Boso Hills, Central Japan
  Takushi MAEDA (Japan)

- The study of granulometric composition of contemporary suspended and bed sediments of rivers of Volga-Kama basin
  Albert GILYAZOV (Russian Federation)

- Erosion and accumulation in the basin of river Chern
  Artem FEOKTISTOV (Russian Federation)

- The dynamics of basin component of suspended load as an indicator for presence of gully systems in urban areas
  Tatiana Victorovna GAIFUTDINOVA (Russian Federation)

- Terrestrial laser scanning for recent denudation activity studies
  Mikhail Dmitrievich DRUGOV (Russian Federation)

- Organic matter content in suspended sediment flux of the small catchments at the taiga-tundra transition and its projected change
  Nikita TANANAEV, Lyudmila LEBEDEVA (Russian Federation)
THEMATIC SESSION:

WATER RESOURCES CHANGE IN EURASIA IN XXI CENTURY

- Modelling of a regime of Volga-Akhtuba floodplain flowage in the conditions of anthropogenous influence and climatic changes (Water Problem Institute of RAS, RF)
  Ksenia SHATALOVA, M.V. BOLGOV (Russian Federation)

- Decreased river runoff in the North Eurasian plains during the Holocene optimum as a possible scenario for the 21st century (Moscow State University)
  Aleksey SIDORCHUK, O. BORISOVA, A. PANIN (Russian Federation)

- Availability of water resources in a regional global change scenario in Mediterranean area (University of Zaragoza, Spain)
  Roberto SERRANO-NOTIVOLI, Eduard PLA, Diana PASCUAL, Javier ZABALZA, Sergio VICENTE-SERRANO, Gabriel BORRAS, Carmen BIEL, Inma FUNES, Robert SAVÉ (Spain)

- Transformation of the water balance and water policy in the Crimean region
  Lidiya SOTSKOVA (Russian Federation)

- Water resources and food production in Asian countries in XXI century
  Alexander DEMIN, M. TRUBETSKOVA (Russian Federation)

SPECIAL EVENTS

WORKSHOPS:

C229

16:00-17:30
IMPROVING YOUR PRESENTATION SKILLS: A VIDEO-TRAINING WORKSHOP FOR YOUNG GEOGRAPHERS 3
CHAIRPERSON(S): Joos Droogleever FORTUIJN

C621

09:30-17:30
TEACHER DAY: IGU FOR SCHOOL, SCHOOL FOR IGU
(C12.11 GEOGRAPHICAL EDUCATION)
YOUNG SCIENTISTS PROGRAMME

C113

09:30-11:00

YOUNG RESEARCHER NETWORK OF THE IGU COMMISSION ON HEALTH AND THE ENVIRONMENT

14:00-15:30

GEOHERITAGES, A RECORDER OF THE GLOBAL CHANGE ALONG THE SILK ROAD FOR FUTURE SUSTAINABLE DEVELOPMENT

CHAIRPERSON(S): Meng WANG

- Geoheritage for Sustainable Development of Silk Road
  Meng WANG, Alireza AMRIKAZEMI, Eduardo DE MULDER (Belgium)

- Reconstructing lives from paleontological fossils: Project Darwin - nature science art project
  Chuang ZHAO (China)

- The Analysis on the Outstanding Universal Value of Tianshan Mountains as World Natural Heritage
  Dongying WEI (China)

16:00-17:30 THE ROLE OF YOUNG RESEARCHERS’ NETWORKS IN SHAPING THE FUTURE OF GEOGRAPHICAL SCIENCES
CHAIRPERSON(S): Mike MEADOWS, Dietrich SOYEZ

C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - URBAN TOURISM
CHAIRPERSON(S): Anne-Marie D’HAUSTEURRE

- The Label of the UNESCO World Heritage List: Commercial Developments and Symbolic Appropriation of Territories
  Laurent BOURDEAU, Etienne BERTHOLD (Canada)
- The Victoria & Alfred Waterfront as playground for Capetonians
  Sanette FERREIRA, Rozitta De VILLIERS (South Africa)
- Developing a major tourism cluster in Val d’Europe?
  Anne-Marie D’HAUSTEURRE (New Zealand)

PAN-EURASIAN EXPERIMENT (PEEX) – A RESEARCH INITIATIVE MEETING «THE GRAND CHALLENGES OF THE CHANGING ENVIRONMENT OF THE NORTHERN PAN-EURASIAN ARCTIC-BOREAL AREAS» 7
CHAIRPERSON(S): Tuukka PETÄJÄ, Hanna LAPPALAINEN

- Cognitive chaos: turbulence in the Earth system
  Sergej ZILITINKEVICH (Finland)
- Web-GIS based virtual research environment for Northern Eurasia climatic studies
  Evgeny GORDOV, V.N. LYKOSOV, V.N. KRUPCHATNIKOV (Russian Federation)
- Satellite and ground based measurements: comparison of CO and CH4 total contents for background and polluted conditions
  Vadim RAKITIN, N. ELANSKY, A. SKOROKHOD, Yu. SHTABKIN, N. PANKRATOVA, A. SAFRONOV, A. DZHOLA (Russian Federation)
- Background CO and CH4 total contents: long-term IAP spectroscopic datasets, typical and abnormal variations and temporal tendencies
  Eugeny GRECHKO, A. DZHOLA, V. RAKITIN (Russian Federation)
- Towards the harmonized PEEX project observational infrastructure: Building the metadatabase
  Pavel ALEKSEYCHIK, Hanna LAPPALAINEN, J. KUJANSUU, Tuukka PETÄJÄ (Finland); Nina ZAYTSEVA (Russian Federation)
Spaces of Gay Activisms: Contesting the Illiberal Pragmatics of 377A in Globalizing Singapore
Shirlena HUANG, Chih Yuan WOON (Singapore)

The Missing Gender Concern in Resettlement Planning At Sardar Sarovar Dam Resettlements In Vadodara, Gujarat
Gaurav SIKKA (India)

Denialism of Comfort Women through Discourse
Derya OZVERI (Turkey)

Exploring gender relations and violence in educational institutions
Ado Mukhtar BICHI (Nigeria)

Reframing Resistance: Bodies, Gendered Activism And Counterspaces In The Everyday And The Emergent
Anindita DATTA (India)

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C229

09:30-11:00

C12.06 COLD REGION ENVIRONMENTS / C12.18 HAZARD AND RISK
- NATURAL HAZARDS AND RISKS IN ARCTIC AND COLD REGIONS ENVIRONMENT 1
CHAIRPERSON(S): Sergey SOKRATOV, Jose NOVOA

- Natural hazards in Polar regions – a review
Sergey SOKRATOV, Alexandr SHNYPARKOV (Russian Federation); K. Peter KOLTERMANN (Germany)

- Are the risks of drought at the regional level lessened by a potential melting of permafrost in the semiarid Chile Andean?
Jose NOVOA (Chile)

- Glaciers and their impact on human activity
Sergey GOVORUSHKO (Russian Federation)

- Social and environmental significance of snowstorms
Sergey GOVORUSHKO (Russian Federation)

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C232

09:30-11:00

C12.11 GEOGRAPHICAL EDUCATION - NATIONAL CURRICULA AND INTERNATIONAL STANDARDS 2
CHAIRPERSON(S): Clare BROOKS

- Geography scholarship from classroom to the public intellect
Lex CHALMERS (New Zealand)

- Training teachers of geography and professional practice in Brazil and Portugal: relationship between university and school
Maria Anezilany Gomes do NASCIMENTO (Brazil), Sérgio Claudino Loureiro NUNES (Portugal)

- Comparative analysis of Higher Geographical Education in Russia and Europe
Nina ALEKSEEVA, Oxana KLIMANOVA, Alexey NAUMOV (Russian Federation)

- Role of Urban Governance for Indian Cities
Tapash BISWAS, Ashok Kumar SAHAY (India)
C12.11 GEOGRAPHICAL EDUCATION - INTEGRATED SCHOOL DISCIPLINE AND GEOGRAPHY 1
CHAIRPERSON(S): Michael SOLEM

- La formation géographique des écoliers à l'Université de Moscou
  Marina ARSHINOVA, Natalia ALEXEENKO, Marina KORSHUNOVA, Valery ALEXEENKO (Russian Federation)

- Geography and the Integrated Curriculum in Japanese Elementary school: In Case of Living Environment Studies
  Hyunjin KIM (Republic of Korea) 09:30-11:00

- Development Of Integrated Programs In The Earth Science Museum At The Lomonosov Moscow State University
  Marina PIKULENKO, L.V. POPOVA, I.P. TARANETS (Russian Federation)

- Integrated Approaches in Tertiary Education: Geography in Classical University (Example: Peoples’ Friendship University of Russia)
  Veronika KHOLINA (Russian Federation)

CHAIRPERSON(S): Barbara STANISCIA, Josefina DOMINGUEZ-MUJICA

- Youth mobility, job opportunities, marginal areas
  Armando MONTANARI, Barbara STANISCIA (Italy)

- The Spanish tourism destinations and the labour life courses of migrants
  Juan PARRENO-CASTELLANO, Josefina DOMÍNGUEZ-MUJICA, Ramón DÍAZ-HERNÁNDEZ (Spain)

- International Gap Year Migration – Motives, Characteristics And Problems Of German Adolescents
  Manuela BAUER (Germany)

- Distance and intensity of international socio-economic interactions
  Alexander FETISOV (Russian Federation)

C12.18 HAZARD AND RISK - ANTHROPOGENIC INFLUENCE ON NATURAL HAZARDS AND RISKS 4
CHAIRPERSON(S): Sergey SOKRATOV

- Coal Mining and Rural Livelihoods in Chhattisgarh , India: An Empirical Analysis
  Pushpendra SINGH (India)

- Landscape evolution on the bottom of drained thermokarst lake (a case study in the European Northeast of Russia)
  Dmitry KAVERIN, Alexander PASTUKHOV, Nikolay KAKUNOV (Russian Federation)
About the results of gally erosion monitoring in the territory of Udmurt Republic
Ivan RYSIN, I.I. GRIGORIEV (Russian Federation)

C12.23 KARST - SUSTAINABLE DEVELOPMENT IN KARST ENVIRONMENTS 1
CHAIRPERSON(S): Elena TROFIMOVA, Hong LIU

- The main contamination patterns of karst water in Kunming Karst Faulted Basin, Yunnan, China
  Hong LIU (China (Beijing))
- Local Geomagnetic Variations As A Possible Search Indication Of The Karst Caverns And Taliks
  S. RYABOVA, A. SPIVAK, Dmitry LOKTEV (Russian Federation)
- Formation of the Large Constructive Waterfall by mixed-corrosion effects
  Jie ZHANG, YK ZHOU, JK DU, SF LI, XS WANG (China (Beijing))

C12.09 ENVIRONMENT EVOLUTION: CLIMATE - VEGETATION INTERACTION UNDER CURRENT AND FUTURE CLIMATE CHANGE SCENARIOS 3
CHAIRPERSON(S): Alexander OLCHEV

- Estimation of CO2 and H2O fluxes for a forest mire using field measurements and model calculations
  Alexander OLCHEV, E. VOLKOVA, T. KARATAEVA, Elena NOVENKO (Russian Federation)
- Mathematical modeling of greenhouse gases in the area with heterogeneous relief and vegetation
  Yulia MUKHARTOVA, Alexander OLCHEV, Natalia LEVASHOVA (Russian Federation)
The contrast structures theory application for multi-dimensional mathematical modelling of the interaction of air fluxes and vegetation
Natalia LEVASHOVA, Yulia MUKHARTOVA, Alexander OLCHEV (Russian Federation)

Effect of clear-cutting on soil CO2 emission
Alexander MOLCHANOV, Alexander OLCHEV (Russian Federation)

Evolutionary biogeography of a genus of trees - from molecules to global distribution
Avi GOLAN-GOLDHIRSH, Giorgi KOZHORIDZE, Nicolai ORLOVSKY, Lea ORLOVSKY, Dan G. BLUMBERG (Israel)

C202 09:30-11:00

CULTURAL REGIONALISM AND REGIONAL IDENTITY 4
CHAIRPERSON(S): Vladimir STRELETSKY

- Yuri Gagarin, Abay Kunanbayev, and Karlag: Monuments and Memory in the Landscapes of Karaganda
  Robert KOPACK (Canada)

- The relationship between the levels of territorial identity in Russia: potential of integration and conflict
  Maria NAZUKINA (Russian Federation)

- The Role of Graphical Symbols in the Place Representation: the Case of Municipality Policies in the Liberec Region (Czechia)
  Miroslav SIFTA, Pavel CHROMY (Czech Republic)

C201 09:30-11:00

GEOGRAPHY METHODS FOR PRESERVATION OF HERITAGE
CHAIRPERSON(S): Yury VEDEMIN, Juri MAZUROV

- Decrease in the function of thermal buffer attributable to tree cutting at Angkor monuments
  Tetsuya WARAGAI (Japan)

- Evaluating the Preservation Area Boundary of a World Culture Landscape Heritage in China
  Shangyi ZHOU, Honglian HUA (China (Beijing))

- Geography Methods in Heritage Preservation
  Tamara SEMENOVA, Yury VEDEMIN (Russian Federation)

C253 09:30-11:00

BRINGING TOGETHER SELENGA-BAIKAL RESEARCH 2015
CHAIRPERSON(S): Jerker JARSJÖ, Daniel KARTHE, Ekaterina PROMAKHOVA

- The redistribution water and substance runoff through the main channels the Selenga river delta
  Elena ILICHEVA, Maksim PAVLOV (Russian Federation)

- The role of floods in sediment dynamics in Selenga river basin
  Anna ROMANCHENKO, Sergey CHALOV (Russian Federation)

- Sediment Dispersal Linked to Hydrodynamics on the Selenga River delta topset, Lake Baikal: Combining Field Data and Morphodynamic Modeling
  Jeff NITTROUER, Tian Yang DONG, Maksim PAVLOV, Gary PARKER, Brandon McElroy (USA); Elena ILICHEVA (Russian Federation)
Rainfall-runoff modelling in Selenga river basin: building the ECOMAG model parameter database
Vsevolod MOREIDO (Russian Federation)

Discussion and concluding remarks of the BRINGING TOGETHER SELENGA-BAIKAL RESEARCH 2015
Nikolay KASIMOV (Russian Federation), Jerker JARSJÖ (Sweden), Daniel Karthe (Germany)

11:00-11:30 COFFEE BREAK

ASSEMBLY HALL  PLENARY LECTURE  11:30-13:00

- The unpredictability of Nature: the Caspian Sea Level case
  Professor Salomon KROONENBERG (the Netherlands)

- Russian Geography: Specifics, Achievements, Problems
  Professor Vladimir KOLOSOV (Russian Federation)

13:00-14:00 - LUNCH

building B  FRIDAY, 21 AUG.  14:00-15:30

B210  14:00-15:30
BUSINESS MEETING OF THE IGU EXECUTIVE COMMITTEE WITH DELEGATES
IGU and Latin American countries: Which way to pursue? / L’UGI et les pays d’Amérique Latine: quelle chemin à poursuivre?
CHAIRPERSON(S): Mike MEADOWS, Dietrich SOYEZ

B223  14:00-15:30
C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - TOURISM AND CRISIS
CHAIRPERSON(S): Sanette FERREIRA

- Tourism, Crisis and Emotions
  Annaclaudia MARTINI, Dorina Maria BUDA (The Netherlands)

- Crisis in Russia and its Impact on Tourism: Case of Latvia
  Aija VAN DER STEINA, Maija ROZITE (Latvia)

- Tourist perception as critical element of tourism crises
  Marion KARL (Germany)
PAN-EURASIAN EXPERIMENT (PEEX) – A RESEARCH INITIATIVE MEETING «THE GRAND CHALLENGES OF THE CHANGING ENVIRONMENT OF THE NORTHERN PAN-EURASIAN ARCTIC-BOREAL AREAS»

CHAIRPERSON(S): Sergey DOBROLYUBOV

- Paradox of the surface air cooling in response to the global warming: A role of the stably stratified PBL and free atmosphere temperature inversions
  Igor EZAU (Norway)
- Temporal and spatial variability of biologically active UV radiation and UV resources over northern Eurasia
  Natalia CHUBAROVA, Ekaterina ZHDANOVA (Russian Federation)
- Investigation of atmospheric composition using ground-based methods in cloudy conditions at Russian-Belorussian DOAS Network
- Biogenic Aerosols - Effects on Clouds and Climate (BAECC) project as a showcase for benefits of comprehensive atmospheric observations
  Tuukka PETAJA, K. ATLASKINA, A.J. MANNINEN, E.O. CONNOR, D. MOISSEEV, V. SINCLAIR, H.K. LAPPALAINEN, M. KULMALA, V.-M. KERMINEN (Finland)

THEMATIC LECTURE

- The New Political Geographies of Sovereignty and Indignity
  Professor Brad COOMBES (New Zealand)
- From “pasta” to “poi”: towards a critical geography of food
  Professor Elena dell’Agnese (Italy)

C12.06 COLD REGION ENVIRONMENTS / C12.18 HAZARD AND RISK - NATURAL HAZARDS AND RISKS IN ARCTIC AND COLD REGIONS ENVIRONMENT 2

- Formation of storm surges in the Dvina Bay of the White Sea
  Victor ARKHIPKIN, S.A. DOBROLYUBOV, Anastasia KORABLINA (Russian Federation)
- Landslide risk in the Northern Caucasus
  Alexandr SHNYPARKOV, Vyacheslav BABURIN, S.A. GAVRILYUK, V.V. GRAYZNOVA, A.V. DANILINA, A.V. MARTYNOV (Russian Federation)
- Recent rockfalls and rock avalanches in the high mountains (case study of the Caucasus)
  Elena SAVERNYUK (Russian Federation)
- Assessment of glacial lake outburst flood and debris flow hazard in Northern Afghanistan
  Sergey CHERNOMORETS, Elena SAVERNYUK, M.D. DOKUKIN, Olga TUTUBALINA, K.S. VISKHADZHIEVA
C232 14:00-15:30
URBAN GOVERNANCE AND INCLUSIVE CITIES IN INDIA
CHAIRPERSON(S): Tapash Biswas

- Global City, Neoliberal Urbanism and Social Exclusion: Urban Question in Millennial Delhi
  Dhiraj Barman (India)

- Role of Urban Governance for Indian Cities
  Tapash Biswas, Ashok Kumar Sahay (India)

- Housing, Slums and Urban Poverty Alleviation in a Turbulent State: A case of Srinagar Town in Jammu & Kashmir, India
  Manoj Kumar Teotia, Rajender Kumar, Sachna Arora (India)

- Role Of Nodal Centres In Socio-Economic Development Of Guwahati Region
  Jayasree Borah (India)

- Urban Challenges: Integrated Urban Planning for social inclusion and resource management
  Daljeet Kaur, Sanjay Tripathi (India)

C214 14:00-15:30
C12.11 GEOGRAPHICAL EDUCATION - INTEGRATED SCHOOL DISCIPLINE AND GEOGRAPHY 2
CHAIRPERSON(S): Joop van der Schee, John Lidstone

- Project “We Propose!”: the challenge of local territorial citizenship
  Sérgio Claudino, Rui Santos, Helena Esteves, Roberto Machado, Lana Nascimento, Ivaine Tonini (Portugal)

- Geography and multicultural education
  Alexander Lobzhanidze (Russian Federation)

- Humanistic paradigm in geography
  Alexander Gladkey (Ukraine)

C214 14:00-15:30
C12.17 GLOBAL CHANGE AND HUMAN MOBILITY - REAL AND VIRTUAL BORDERS: THE CHALLENGE OF HUMAN MOBILITY
CHAIRPERSON(S): Barbara Staniscia, Josefina Dominguez-Mujica

- Beyond the migration policies: understanding the emigration of young-skilled Spaniards in the context of economic and financial crisis
  Osefina Domínguez-Mujica, Ramón Díaz-Hernández, Juan Parreno-Castellano (Spain)

- Emigration of Russian Germans to Germany and transnational links with Russia
  Maria Savoskul (Russian Federation)

- Core-periphery model in transborder connections in the Russian-Belorussian borderland
  Kira Morachevskaya (Russian Federation)

- The hierarchy of workers, according to nationality, in the labor market of the Sultanate of Oman - A socio-geographical analysis
  Montasser Abdelghani (Oman)

- Local border traffic as a factor in the formation of the Russian-Polish cross-border region
  Oleg Bolichev, Ivan Gumieniuk (Russian Federation)
C12.23 KARST - SUSTAINABLE DEVELOPMENT IN KARST ENVIRONMENTS 2
CHAIRPERSON(S): Elena TROFIMOVA, Hong LIU
- Karst dynamic system and the Carbon Cycle
  Jianhua CAO, Bill HU (China (Beijing)), Chris GROVES (USA)
- Palaeolithic paintings conservation in cave Kapova (Shulgan-Tash)
  Yury LYAKHNITSKY (Russian Federation)
- Karst of the valley of Synyaya: problems of sustainable development (Yakutia, Russia)
  Elena TROFIMOVA (Russian Federation)

C12.33 POLITICAL GEOGRAPHY - RUSSIAN GEOPOLITICS AND THE FORMER SOVIET COUNTRIES
CHAIRPERSON(S): Takashi YAMAZAKI
- The logic of poker and power in the Ukraine (and Crimea) case
  Fabrizio EVA (Italy)
- Geopolitical vectors of post-Soviet countries
  Tatiana POTOTSKAYA (Russian Federation)
- Sisters at a crossroads: economic dilemmas of the former Soviet countries between West and East
  aria Stella CHIARUTTINI (Italy)
- Kazakhstan: between the Eurasian integration and state building
  Maria ZOTOVA (Russian Federation)

C215
14:00-15:30
URBAN GEOGRAPHY OF ARTS: THE CO-PRODUCTION OF ARTS AND CITIES 2
CHAIRPERSON(S): Pauline GUINARD, Géraldine MOLINA
- Public Art in the Socially inclusive City
  Ronan PADDISON (United Kingdom)
- Art and urban project
  Marie Kenza BOUHADDOU, Clotilde KULLMANN (France)
- Art as a new urban norm: between normalization of the city through art and normalization of art through the city
  F. COSTA; Pauline GUINARD, Antonin MARGIER (France)

C250
14:00-15:30
CULTURAL REGIONALISM AND REGIONAL IDENTITY 5
CHAIRPERSON(S): Vladimir STRELETSKIY
- La géographie culturelle du riz à Taïwan
  Flora Sheng-hua CHENG, Patricia NGUYEN (Taiwan (China))
- Place Attachment and Belonging among Educated Young Migrants and Returnees: The Case of Chaohu, China
  Huimin DU (China (Beijing))
- Reading Cultural Landscapes from Postmodern Perspectives: a case of the Nanyao Temple, Changhua, Taiwan
  Chien-ping LEE (Taiwan (China))
POSTER EXIBITION

C12.06 COLD REGION ENVIRONMENTS - COLD REGIONS: MONITORING, OBSERVING, UNDERSTANDING
- Basic Features Of Seismic Signals And Noise At The Vorkuta Seismic Station
  A. SPIVAK, D. LOCTEV (Russian Federation)
- Holocene lithalsa at the Sentsa River valley, Eastern Sayan
  Yurij VASIL’CHUK, Nadine BUDANTSEVA, Julia CHIZHOVA, Alla VASIL’CHUK, Sergey ALEXEEV, Sergey ARZHANNIKOV, Ludmila ALEXEEVA, Anastasia ARZHANNIKOVA (Russian Federation)

C12.06 COLD REGION ENVIRONMENTS - RESOURCES, WELL-BEING AND SUSTAINABLE DEVELOPMENT IN THE ARCTIC
- Nature management and ecosystem degradation in the Russian Arctic
  Alexander EVSEEV (Russian Federation)

C12.10 GENDER AND GEOGRAPHY - GENDERED CRIME AND SPACES: AN APPROACH IN FEMINIST GEOGRAPHY
- Domestic Violence Against Women: A study of Mirzapur District Uttar Pradesh
  Sher SINGH (India)

C12.11 GEOGRAPHICAL EDUCATION - INTEGRATED SCHOOL DISCIPLINE AND GEOGRAPHY
- The “Lomonosov” Geography Olympiad for schoolchildren as an innovative way of identifying and selecting talented young people
  idia ISACHENKOVA, Yulia FUZEINA, Mikhail KAZMIN (Russian Federation)

C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - TOURISM AND REGIONAL DEVELOPMENT
- System of tourism and recreation clusters as a basis for tourism development in Russia
  Victor KRUZHALIN, Kirill KRUZHALIN (Russian Federation)

C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - TOURISM GEOGRAPHIES
- Features of knowledge of the native land on the basis of implementation of excursion and tourist educational and informative projects
  Natalia KUZNETSOVA, Victor KRUZHALIN (Russian Federation)
C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE - TOURISM, MOBILITY AND INFORMATION
- Tourist Maps And Modern Gadgets As An Info Factor Of Mobility In Tourism
  Marina MOTOVILOVA, Valeriy BAYURA (Russian Federation)

C12.15. GEOGRAPHY OF TOURISM, LEISURE AND GLOBAL CHANGE
- Geo-Ecological Assessment On Tourism And Recreational Capacity In Mongolia
  Tsogbadral KURELBAATAR, Amgalan AVKINSUKH, Khadbaatar SANDAG, Bat-Erdene TSEDEV, Ser-Od TSEDEVDORJ (Mongolia)

- La différenciation territoriale de la population sur le marché du travail de la Tchouvachie à l’aspect gender
  Ekaterina ZHITOVA, Natalia KARAGANOVA, Anna GUMENYUK (Russian Federation)
- Decomposition of Mortality Among two major religion In India: Extricate the Muslim Mortality paradox
  Pushpendra SINGH (India)

C12.17 GLOBAL CHANGE AND HUMAN MOBILITY - REAL AND VIRTUAL BORDERS: THE CHALLENGE OF HUMAN MOBILITY
- The resilience of human mobility facing natural hazards. The volcanic eruptions in Ilha do Fogo (Cape Verde)
  Claudio MORENO-MEDINA, Agustín NARANJO-CIGALA, Ezequiel Guerra de la TORRE, Alexandre NEVSKY, Herculano DINIS, Joao ANDRADE (Spain)

C12.18 HAZARD AND RISK - ANTHROPOGENIC INFLUENCE ON NATURAL HAZARDS AND RISKS
- The results of research of the river-bed processes in the territory of Udmurt Respublic
  Ivan RYSIN, L.N PETUHOVA (Russian Federation)
- Key Vulnerability Factors for Risk Construction
  Mary Frances RODRIGUEZ VANGORT, Carol HERNANDEZ (Mexico)
- Interpretation of spectral signatures through heavy metal content in plants and soil
  Elena BEREZA (Russian Federation)
- Environmental risks of associated petroleum gas flaring
  Tatiana PUZANOVA (Russian Federation)
- Risk Assessment Of The Altai Mountain Region Ecosystems’ Disturbance As The Result Of Space-Rocket Launches
  T.V. KOROLEVA, A.V. SHARAPOVA, O.V. CHERNITSOVA, Pavel KRECHETOV (Russian Federation)
Eutrophication risk of the coastal waters in the north-eastern Black sea
Antonina POLYAKOVA (Russian Federation)

Innovative Methods Of Seismic Monitoring As A Necessary Part Of The Area Security System
Svetlana KISHKINA (Belarus)

C12.18 HAZARD AND RISK - DISASTER AND RESILIENCE

Distribution patterns of rainfall and winds episodes in the Metropolitan Region of São Paulo
Beatriz Barbi de Oliveira SANTOS, Lucí Hidalgo NUNES (Brazil)

The occurrence of extreme hydrological events under the influence of climate variability and long-term response of El Niño
Maria KIRÉEVA, D. GUSHINA, N. FROLOVA, D. POZHIDAEVA, I. ZHELEZNOVA (Russian Federation)

Indonesia’s growing landslide problem: an examination of two disasters in Sijeruk and Tawangmangu, Central Java
Brent DOBERSTEIN, Judie CUKIER (Canada)

C12.33 POLITICAL GEOGRAPHY - RUSSIAN GEOPOLITICS AND THE FORMER SOVIET COUNTRIES

The Characteristics, Position and Development of the Russian Minority in the former Soviet Countries
Michaela UCHOČOVÁ (Czech Republic)

Geopolitical position as a factor in the development of Russia’s foreign trade
Alexey URZHOMOV (Russian Federation)

Kazakhstan: the territory of the collision of geopolitical interests of Russia and China
Alexey URZHOMOV (Russian Federation)

Disparities of economic development Post-soviet states
Dmitry ZAYATS (Russian Federation)

Historical and geographical position of the Western border of Russia
Dariya ZORINA (Russian Federation)

C12.39 URBAN COMMISSION: URBAN CHALLENGES IN A COMPLEX WORLD - CREATING SUSTAINABILITY

Degrowth : A Solution Towards Sustainability?
Daljeet KAUR, Sanjay TRIPATHI (India)

C12.06 COLD REGION ENVIRONMENTS / C12.18 HAZARD AND RISK - NATURAL HAZARDS AND RISKS IN ARCTIC AND COLD REGIONS ENVIRONMENT

Large-scale indicators of extreme rainfall in the coastal natural and economic zones of European Russia
Tatiana MATVEEEVA, Daria GUSHCHINA (Russian Federation)
- Extremal exogenic processes in Cherek Balkarsky basin in 2009-14
  Vadim KARAVADEV, A.VOSKOV, S. BULANOV, S. SEMINOZHENKO (Russian Federation)

- Extreme wind speeds in the Barents and Kara Seas
  Larisa SOKOLOVA, Galina SURKOVA, Artjom CHICHJOV (Russian Federation)

- From accident to accident: changes in the avalanche hazard assessment
  Ekaterina LOGINOVA, Alla TURCHANINNOVA, Yuri SELIVERSTOV, Tatiana GLAZOVSKAYA,
  Marina VIKULINA (Russian Federation)

- Environmental effects of de-icing agents in the soils of the Eastern District of Moscow
  Natalia KOSHELEVA, E.M. NIKIFOROVA (Russian Federation)

- Channel Processes Hazards - Displays, Frequency, Risks
  Alexandr ZAVADSKIJ, Alexey CHERNOV (Russian Federation)

- The tendency of hazardous geological processes development on the territory of Russia at the
  beginning of the XXI century
  Boris KRESTIN, Irina MALNEVA, Nina KONONOVA (Russian Federation)

C12.10 GENDER & GEOGRAPHY / C12.34 POPULATION GEOGRAPHY COMMISSION
- GEOGRAPHIES OF INTERNATIONAL STUDENT MOBILITY: THE ROLES OF GENDER,
  CLASS AND ETHNICITY

- African Students Mobility towards the Land of Confucius
  Hans SEESAGHUR (Switzerland)

THEMATIC SESSION:

BRINGING TOGETHER SELENGA-BAIKAL RESEARCH 2015

- The Influence of urban settlement and mining activities on water resources in northern Mongolia
  Gunsmaa BATBAYAR (Germany)

- Interpretation of aquatic vegetation using hyperspectral images in terms of heavy metals
  accumulation
  Mikhail TARASOV (Russian Federation)

- Mining industry impact on suspended sediment concentration of the Selenga River Basin
  Ekaterina PROMAKHOVA, Sergey CHALOV (Russian Federation)

- A new smoothing-based atmospheric correction: application to classification on Léman/Baïkal
  campaign data
  Manuel CUBERO-CASTAN (Switzerland); Mikhail TARASOV (Russian Federation)

THEMATIC SESSION:

CLIMATE VARIABILITY AND PREDICTABILITY

- Projected changes in aridity/humidity over China in the future
  Yunhe YIN, Danyang MA, Shaohong WU, Tao PAN (China (Beijing))

- Long term variability of the deep and bottom water mass in the Atlantic Ocean
  Evgeny KRAYUSHKIN, Alexander DEMIDOV, Illarion MIRONOV, Nina KALASHNIKOVA
  (Russian Federation)
- Extreme cyclone activity changing over North Atlantic
  Natalia VIAZILOVA (Russian Federation)

- Experience in assessing variability of the regional climate on the example of studying characteristics of humidification for the southeast Western Siberia
  Larisa NEMIROVSKAYA (Russian Federation)

- Heat budget of the upper mixed layer in the North Atlantic
  Pavel SUKHONOS, A.B. POLONSKY (Russian Federation)

THEMATIC SESSION:

GEOGRAPHY METHODS FOR PRESERVATION OF HERITAGE

- Geography Methods in Heritage Preservation
  Yury VEDENIN (Russian Federation)

THEMATIC SESSION:

PAN-EURASIAN EXPERIMENT (PEEX) – A RESEARCH INITIATIVE MEETING «THE GRAND CHALLENGES OF THE CHANGING ENVIRONMENT OF THE NORTHERN PAN-EURASIAN ARCTIC-BOREAL AREAS»

- Black carbon studies in the atmosphere over the White, Barents, Greenland and Kara seas during the summer 2014
  Vladimir SHEVCHENKO, V.M. KOPEIKIN, I.A. GOVORINA, M.S. MAKHOTIN, A.N. NOVIGATSKY (Russian Federation)

- Evaluation of convective boundary layer parameterizations based on LES data
  Andrey DEBOLSKIY, V.STEPANENKO (Russian Federation)

- A GPP assimilation model in southeastern Tibetan Plateau coupled CO2 eddy covariance flux tower and remote sensing information
  Jiahua ZHANG, Yan JIANG (China (Beijing))

- Aircraft-borne measurements over Southern Finland during the PEGASOS 2013 campaign
  Riikka VÄÄNÄNEN, R. KREJCI, H. E. MANNINEN, T. NIEMINEN, T. YLI-JUUTI, J. KANGASLUOMA, T. POHJA, P. P. AALTO, T. PETÄJÄ, M. KULMALA (Finland)

- Verification of Aerosol Diffusion Spectrometer on the measurement of atmospheric aerosol particles
  Xuemeng CHEN, S. DUBTSOV, H. E. MANNINEN, T. NIEMINEN, P. AALTO, T. PETÄJÄ, M. KULMALA (Finland)

- An interactive tool for calculations of UV doses and UV resources
  Ekaterina ZHDANOVA, Natalia CHUBAROVA (Russian Federation)

- Long-term variability of UV radiation in 300-380 nm spectral region in Moscow according to long-term measurements and reconstruction model
  Yelena NEZVAL’, Natalia CHUBAROVA (Russian Federation)

- Black Carbon Atmospheric Emissions From Russian Oil/Gas Industry Open Fires
  Anna VINOGRA DOVA (Russian Federation)
- Impact of freezing events of different intensity on CO2 fluxes from temperate soils: the results of manipulation experiment
  Valentin LOPES DE GERENYU, Dmitry KHOROSHAEV, Irina KURGANOVA, Evgeniya BLAGODATSKAYA (Russian Federation)

- Drought effect on CO2 fluxes from temperate soils: the results of precipitation manipulation experiment
  Irina KURGANOVA, Valentin LOPES DE GERENYU, Dmitry KHOROSHAEV, Evgeniya BLAGODATSKAYA (Russian Federation)

- Methane Emissions From Northern Lakes In Karelia And Western Siberia
  Leonid GOLUBYATNIKOV (Russian Federation)

- Long-term variability of aerosols in Moscow according to AERONET, their radiation effects and comparison with the results of radiative calculations in COSMO-Ru mesoscale model
  Long-term variability of aerosols in Moscow according to AERONET, their radiation effects and comparison with the results of radiative calculations in COSMO-Ru mesoscale model

- Optical properties of Lake Vendyurskoe
  Galina GAVRILENKO, Roman ZDROVENOV, G. ZDROVENNOVA, N. PALSHIN, T. EFREMOVA, S.GOLOSOV, A. TERZHEVIK (Russian Federation)

- Smoke events over boreal Eurasia: optical properties, radiative effects and air pollution
  Gennady GORCHAKOV (Russian Federation)

- Seasonal variations of near-surface carbon monoxide (CO) concentration in central Siberia in 2007 – 2012, according to ZOTTO observations and model simulation
  Yury SHTABKIN (Russian Federation)

- Ozone and nitric oxides in the Surface Air over Russia: background conditions and extreme cases
  Natalia PANKRATOVA, N. F. ELANSKY, A. I. SKOROKHOD (Russian Federation)

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**building C**

**TUESDAY, 18 AUG. 09:30-15:30**

**YOUNG SCIENTISTS PROGRAMME**

**C102**

**09:30-15:30 YOUNG SCIENTIST CORNER**
In June, a research expedition Kara-Winter-2015, implemented by Rosneft with the participation of Arctic Research and Design Center and specialists from FSBI Arctic and Antarctic Research Institute, was successfully completed. It was the largest Arctic expedition in the world over the past 20 years by its scope and composition.

«Rosneft objectively does more than all other commercial companies in the Arctic,» said Arthur Chilingarov, the special envoy of the Russian President for International Cooperation in the Arctic and Antarctic. «The company’s activities are incomparable. The company applies its efforts and resources to the scientific study of areas for future oil production. The main principle of the company is ‘science in the Arctic should be ahead of the business’. First come the scientists, who study the area, carry out a wide range of research, thoroughly investigate the ice conditions — and only then comes the turn of oil and gas specialists.»

Rosneft invites leading Russian scientists including oceanographers, biologists, geologists, geographers and ecologists to join the study of the Arctic. Last year, together with the RGS the Company held a series of roundtables, which were attended by key experts of the Arctic world. It was decided to develop a «special scientific interdisciplinary program for the integrated study of the Arctic based on the principles of special regime of economic activity in the region, including environmental regulations of shelf development.»

The main feature of scientific expeditions organized by Rosneft in the Arctic is an integrated approach. Over the past three years, there were already six such expeditions. During this period the studies of the environmental conditions in the Barents, Kara, East Siberian Sea and the Laptev Sea were implemented, physical and mechanical properties of ice were explored as well as smooth ice morphometric parameters and hummocky formations, distribution of water masses, currents, and the variability of temperature. 90 ice stations were organized to restore the system of meteorological observations in the Arctic isles, automatic sensors were set on icebergs, allowing to continuously track the location of ice formations and to determine the trajectory of the drift, as well as to conduct a unique set of free observation of marine life in the Arctic.

LAKE BAIKAL PROTECTION FUND

Fund for Protection of Lake Baikal was established in 2008 on the initiative of METROPOL Group of Companies. The President of the Fund is a well-known Russian scientist and researcher, Deputy of the State Duma of the Russian Federation, Hero of the Soviet Union, Hero of the Russian Federation, and a corresponding member of Russian Academy of Science Artur Chilingarov.

Main goals and objectives of the Fund:
- Promotion of safeguarding and conservation of Lake Baikal;
- Conduction of scientific research directed towards conservation of Lake Baikal;
- Promotion of creation of ecology-friendly and safe technologies;
- Promotion of environment protection and human health safety.

RUSSIAN FOUNDATION FOR BASIC RESEARCH (RFBR)

Russian Foundation for Basic Research (RFBR) was established on April 27, 1992 by the President of the Russian Federation and is a self-governed state non-profit organisation controlled by the government. The Foundation provides targeted diversified support to leading groups of scientists regardless of the organisation they represent. Support of initiative scientific research in all the principal directions of fundamental science is carried out strictly on a competition basis after a comprehensive evaluation.
TASS is Russia’s leading state information agency which celebrated its 110th anniversary on September 1st, 2014. The agency has the largest reporter network among Russian media: 70 regional centers and offices in Russia and 68 foreign offices in 63 countries of the world, which allows TASS to cover events anywhere around the globe in real time. The agency produces more than 100 different information packages on political, economic, social, cultural and sports news in Russia and other countries in Russian and English.

«Vokrug Sveta» - a monthly educational magazine about travel, amazing corners of our planet, historical events, scientific discoveries and technical achievements. The magazine has won the love of Russians of all ages and generations and almost continuously published for 154 years. Educates, informs and entertains a reader, keeping up and developing the humanistic traditions of Russian oldest informative edition. The official partner of the Russian Geographic Society since 2012.

National Geographic Russia — the official publication of the National Geographic Society of the United States, National Geographic is published in 33 languages and read by over 38 million people. Stunning photos accompany articles on a vast array of topics, including history, science, archaeology and culture. While it is widely read all over the world, the core of National Geographic stays the same regardless of where it comes out, making it a truly international magazine.

Published since 2003.
Monthly frequency.
140,000 copies.

«Radio Rossii» is the main state radio station of Russia. It is part of the state-owned unitary enterprise VGTRK, which also includes television channels Russia-1, Russia-2, Russia-24, Carousel, and Russia-K, as well as radio stations Yunost, Mayak, Kultura and Vesti FM. «Radio Rossii» is an exclusive Federal radio station, broadcasting all kinds of radio programs such as information, social, political, musical, literary, dramatic, scientific, educational and programs for children. Over 160 programs are broadcasted on «Radio Rossii» in twenty-four hours a day, seven days a week.

About 143 million Russian citizens have the opportunity to listen to the “Radio Rossii”. We can be heard on ultra-short waves and on the Internet at www.radiorus.ru.
Arctic-info is an open internet news agency, which offers daily updated news from and about the Russian and foreign Arctic. The central office is located in Moscow, correspondents work in circumpolar regions.

“Гудок” Publishing House is one of the major industry mass media producers in Russia – both printed and multimedia. The company activity started in 1917 with launching “Гудок” newspaper – the oldest periodical in the territory of the former USSR. Today, this federal level daily paper is the leading transport industry mass media in the CIS and the Baltic states/ The product line of “Гудок” Publishing House is a wide range of periodicals for millions of readers’ audience from transport industry, helping transport market participants in solving various marketing tasks.

Autonomous non-profit organization «National Informational Agency «Natural Resources» (ANO NIA-Priroda) was created in 1997. Produces: newspaper «Natural resources records» («Prirodno-resursnie vedomosty») – the only all-Russian environmental and natural resources newspaper, the platform of dialogue and news source for environmental protection and rationalization of resource activities; scientific information and problem-analytical bulletin «Use and protection of natural resources in Russia» («Ispolzovanie i ohrana prirodnih resursov v Rossii»). Supports National Portal «Nature of Russia» («Priroda Rossi») – www.priroda.ru. Publishes (including editing, printing) scientific and popular-scientific literature about natural resources and environmental protection.

GeoConnexion International and GeoConnexion UK bring you the latest news and stories plus reports from geotechnology industries in UK, Europe, the Middle East, Africa, North America and Asia. Coverage of topics such as 3D Visualisation, Remote Sensing, LiDAR, Cloud, Mobile Mapping, Navigation with emphases on healthcare, public safety, retail, the environment, utilities, surveying, LBS, transport/ logistics, telecommunications and more. To view the magazines: http://www.geoconnexion.com

GIS-Association is an interregional public organization, which motto is to support the development of the Russian market of geoinformation technologies and services. GIS-Association is the major developer of the «Concept of the formation of spatial data infrastructure (SDI) as an element of state information resources»; «Concept of Information Systems Designed for City Planning».

The main activities are: maintenance of the news portal gisa.ru; publishing the «Territories development management» journal; organizing of thematic conferences and seminars; support of the human resources (HR) activity; enhancement of the russian geoinformatics regulation.

Scientific Russia (“Научная Россиya”) is an international interactive telecommunication Internet portal dedicated to fundamental science, technologies, innovations, culture, and education.

The portal represents the activity of Russia’s scientific society: the latest news, research in all fields, outstanding discoveries, new names, publications, discussions, and various events.

Independent Internet media

Authoritative information space, which presents a unique author’s materials PH «Interlocutor. Detailed and objective a reflection of important and current events in Russia and the world community through the eyes of our analysts. Eimpartial and professional review of the various sectors of the economy, real estate and vehicles through the eyes of experts. Easy perception, tips and extremely positive trend practical information satisfies even the most demanding visitors.
GeograpH is a popular bulletin that covers scientific, cultural and socially oriented news from the Faculty of geography at Lomonosov Moscow State University (LMSU). It is a source of compelling and useful information for those who see the department as more than a structural subdivision of LMSU, and the discipline as more than a system of social and physical sciences. GeograpH is a valuable resource for anyone interested in natural and produced geographical complexes and components.

Infox.ru - Internet media-project Infox.ru delivers the latest real-time news and information. Everyday Infox.ru readership is more than 300 000 visitors and its monthly unique audience has reached 5 million people. Dealing only with reliable sources of information, Infox.ru provides its readers with original and exclusive content in multimedia format, high-speed information processing, and considered and user friendly navigation.

POISK is the weekly printed newsletter of the Russian scientific community, founded by the Russian Academy of Sciences. It is read by over 15 000 members of the scientific community in Russia, the CIS countries, Europe, USA, South Korea and China. Our readership - professionals in the field of science and higher education, as well as representatives of innovative business. We publish news form leading universities and institutions placed in Russia and abroad, interviews with scientists and policy makers in the sphere of science and higher education.

The popular science magazine published by the Department of Natural Resources and Environmental Protection of the city Moscow. Themes: econews, the first faces of the urban ecology, ecoprojects and discussions, the history of the Moscow ecosystems, citizens about environmental issues, scientific developments in the ecosphere, travel, etc.

Russian geographical journal «Zhyvopisnaia Rossia»
It is a cognitive-educational edition for the General reader in geography, history, culture and traditions of Russia. Each issue contains its own tab dedicated to one of the regions of Russia. The authors of the articles are distinguished geographers, historians, journalists highly.

«Earth from Space» is a popular scientific magazine introducing the reader to a broad range of issues related to acquisition, preliminary and in-depth thematic processing, analysis and application of Earth remote sensing data. The magazine covers the latest developments and projects implemented using remote sensing data based on modern GIS and Web-based technology, current issues and trends in the field of space imagery. The magazine has been published since 2009 by a Group of Companies «SCANEX».

«Geography in school» – theoretical and methodological journal for geography teachers and professors (10 issues per year). The publications reflect the main trends of research in the methodology of teaching geography in schools and universities and in different fields of geography and geocology. The authors of the journal are scientists-geographers, University professors and school teachers. Journal topics: Earth Sciences, theory and methodology of training and education of geography. Also includes information about conferences, new books for geographers.
The first geo-analytic resource ONEGEO is a professional media in the field of Geodesy, Geology, Ecology, engineering surveys, evaluating land plots and properties, expertise and regulatory documents. ONEGEO is created within the web service of the engineering services as information and analytical support for the project partners and experts. Our mission is a search and publication of the proven facts, opinions of distinguished experts, informing the audience of the best practices, creation of a virtual platform for the exchange of ideas, knowledge and experience in the field geoanalytical and in directly related fields of economy.

Earth Imaging Journal is a bimonthly print magazine covering a range of earth observation and geospatial technologies and applications. Content is crafted to satisfy novice through professional. Content is written by industry professionals, researchers and magazine staff to illuminate the broad band of applications, products and processes that are shaping the international Earth imaging market. See more at http://eijournal.com

Sensors & Systems covers the integrated technologies of GIS, remote sensing, modeling, spatial analysis, surveying and sensor technologies for the understanding of change. We focus on some of the key challenges that these tools help us address, including energy, water, food, biodiversity, environment and security.

Geoprofi — scientific and technical journal for geodesy, cartography and navigation (ISSN 2306-8736). The journal is focused on the nonproduction personnel of the industrial enterprises, developers and suppliers of the equipment, software and technologies, teachers and post-graduate students of educational institutions.

In the Internet on a site www.geoprofi.ru the full electronic version of all numbers of journal is free of charge accessible.
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