


MEMBER PROFILE

	Prof. Dr. habil. Christian Opp
	Country: Germany
	Affiliation: Faculty of Geography, Philipps-Universität Marburg

Contact Details	
E-Mail Address:	opp@staff.uni-marburg.de
Website	https://www.uni-marburg.de/fb19/fachgebiete/bodengeographie/oppc/index.html
Tel nr.	49-6421-2824254
Fax nr.	
Physical address	Deutschhausstr. 10, D-35037 Marburg, Germany
Postal address	
Skype name	

Study areas	
Countries / Regions	Germany, Russia, Kazakhstan, Uzbekistan, Tajikistan, Kyrgyzstan, China, Mongolia, Iran / Central Europe, Central Asia, China, Iran

Topics of last three projects	
1	Transboundary Rivers
2	Lakes and lake-catchment-interactions
3	Aral Sea Syndrome

	<u>Topics of last 10 publications</u>	<u>Publication links</u>
1	Long-term trends in flood discharges of the Ulster and Upper Fulda Rivers	http://link.springer.com/article/10.1007%2Fs12665-016-6169-1
2	Heavy metal concentrations in pores and surface waters during the emptying of a small reservoir	http://www.scirp.org/journal/PaperInformation.aspx?PaperID=62056
3	Influence of sediment, soil, and micro-relief conditions on vitality of Populus euphratica stands	http://www.sciencedirect.com/science/article/pii/S1040618213003662
4	Hydrological drought at Dongting lake	http://link.springer.com/article/10.1007/s11269-014-0807-8
5	Assessment of water quality of the transboundary Zarafshan River	http://www.scirp.org/journal/PaperInformation.aspx?PaperID=27070
6	Water quality, potential conflicts and solutions—an upstream–downstream analysis of the transnational Zarafshan River (Tajikistan, Uzbekistan)	http://link.springer.com/article/10.1007/s12665-013-2988-5
7	Water analyses, eco-balance and socio-demographic analyses of sewage treatment problems in rural areas	http://www.scirp.org/journal/PaperInformation.aspx?PaperID=62057
8	Managing Central Asia’s Transboundary Rivers: Case Studies of The Zarafshan (Tajikistan/Uzbekistan) And Tarim (Kyrgyzstan/China) Rivers	http://www.witpress.com/elibrary/wit-196/34183
9	Wasser in Zentralasien - Herausforderungen für ein nachhaltiges Ressourcenmanagement	https://www.researchgate.net/publication/268741811_Wasser_in_Zentralasien_-_Herausforderungen_fur_ein_nachhaltiges_Ressourcenmanagement_am_Beispiel_des_grenzuberschreitenden_Zarafshan_Flusses_Tadschikistan_Uzbekistan
10	Substantial channel flow changes of the Tarim River	https://www.researchgate.net/publication/266477911_Substantial_channel_flow_changes_of_the_Tarim_River_and_responses_of_the_lower_Tarim_riparian_ecosystem_NW_China

Research interests in water

Climate & Water	Water in arid areas	Arctic water	Water cycle	Atmospheric water	Glaciers & Cryosphere					
Hydrological extreme events	Floods	Droughts	Ice phenomena							
Water flow	Catchment processes	Run-off generation	Groundwater-Surface water interactions	Hyporheic processes	Interstitial water	Porewater	Alluvial water			
Surface water	Limnology	Fluvial dynamics	Continental scale processes	Dams / Reservoirs	Sediments	Rivers	Floodplains			
Ground water	Soil water	Karst water	Hydrogeology	Recharge						
Marine Environment	Coastal waters	Estuarian waters								
Aquatic habitats/ Ecosystems	Wetlands	Lakes	Peatlands	Rivers						
Water availability	Water utility	Water storage	Dams / Reservoirs	Water scarcity	Supply & Distribution	Water allocation	Water restrictions			
Modelling and GIS	Hydro GIS	Groundwater modelling	Surface water modelling	Remote sensing						
Water quality	Pollution	Purification	Hydrochemistry	Treatment	Desalination	Waste water	Sewage			
Water & Health	Water & Sanitation	Water & Food	Waterborne diseases	Drinking water	Water purification					
Water & Energy	Water-Energy nexus	Water for energy	Energy for water	Water, Food & Energy						
Water management/ policy	Integrated Catchment management	Integrated water resource management	Water loss	Reticulation & Supply	Transboundary water					
Water use	Urban	Agricultural	Mine water	Industrial	Grey water	Green water	Blue water	Return water	Water sustainability	Competing water use
Water Law & Economics	Water trade	Virtual water	Privatisation	Water as public good	Right to water	Bills & Laws	Affordability			
Socio-political aspects	Water history	Water wars	Water & Poverty	Access to water						