



MEMBER PROFILE

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Study areas	
Countries / Regions	Argentina

Topics of last three projects	
1	Relationship between the social and climate dynamics related to water in the region Comahue.
2	Interannual variability of precipitation in Bermejo river basin.
3	Seasonal forecasting of rainfall using statistical methods.

<u>Topics of last 10 publications</u>		<u>Publication links</u>
1	Romero, P. y González, MH. 2016. Relación entre caudales y precipitación en algunas cuencas de la Patagonia norte. Revista ASAGAI (Asociación Argentina de Geología aplicada a la Ingeniería), Buenos Aires, Argentina, ISSN 1851-7838.1.	http://www-atmo.at.fcen.uba.ar/cv/Gonzalez_cv.pdf
2	Bisero, Natalia Karina, González, Marcela Hebe y Masiokas, Mariano H. 2015, Regression method for predicting snow cover in Central Andes in Argentina, Journal of Flood Engineering. Vol. 6 No. 2. 2015, International Science Press, ISSN : 0976-6219.	
3	González, MH. 2015. "Statistical seasonal rainfall forecast in Neuquen river basin (Comahue Region, Argentina)". Climate 3, 349-364, ISSN 2225-1154, Suiza , Ed MDPI.	http://www.mdpi.com/2225-1154/3/2/349/pdf3
4	Dominguez, D., González, M.H., 2015. "PREVISÃO ESTATÍSTICA DA PRECIPITAÇÃO DE VERÃO NO CENTRO-OESTE DA ARGENTINA", Revista Ciencia e Natura Vol. 37, pp 75-82. ISSN 0100-8307.	http://cascavel.ufsm.br/revistas/ojs-2.2.2/index.php/cienciaenatura/article/view
5	Murgida, Ana M, González, Marcela H, y Tiessen, Holm. 2014, "Rainfall trends, land use and adaptation in the Chaco Salteño region of Argentina ", Regional Environmental Change: Volume 14, Issue 4 (2014), Page 1387-1394, Springer .ISSN: 1436-37985.	
6	Garbarini E, Skansi M, Gonzalez MH y Rolla A, 2016. ENSO Influence over Precipitation.	
7	Marcela H. González, Eugenia M.Garbarini, Alfredo L. Rolla, Saeid Eslamian, 2016. Meteorological Drought Indices: Rainfall Prediction in Argentina en Handbook of Drought and Water Scarcity: Vol. 1, Principle of Drought and Water Scarcity, Chapter 29, Tayl.	
8	González, MH, Garbarini, EM y Romero PE, 2015. "Rainfall patterns and the relation to atmospheric circulation in northern Patagonia (Argentina)", Cap 6 en Advances in Environmental Research, 41, 85-100, Editors: Justin A. Daniels, NOVA Publisher, NY, USA.	
9	Olga Eugenia Scarpati , Eduardo Kruse, Marcela Hebe Gonzalez, Alberto Ismael, Juan Vich, Alberto Daniel Capriolo and Ruben Mario Caffera, 28 de marzo de 2014, Chapter 23, "Updating the hydrological knowledge: a case of study", Handbook of Engineering Hydrology.	
10	González, Marcela Hebe y Herrera Natalia, 2014. "Statistical prediction of Winter rainfall in Patagonia (Argentina)", in "Horizons in Earth Science Research. Volume 11", Chapter 7. 221-238. Editor: Benjamin Veress and Jozsi Szigethy, NOVA Publisher, NY, USA.	

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						