



## MEMBER PROFILE

	<b>Prof. Olga Scarpatti</b>
	Country: <b>Argentina</b>
	Affiliation: <b>National Research Council - Center of Pharmacologic and Botanic Studies / La Plata National University - Geography Department</b>

<b>Contact Details</b>	
E-Mail Address:	<a href="mailto:olgascarpatti@yahoo.com.ar">olgascarpatti@yahoo.com.ar</a>
Website	<a href="http://www.cefybo.org.ar/investigacion/lab-botanica/clima-y-vegetacion/">http://www.cefybo.org.ar/investigacion/lab-botanica/clima-y-vegetacion/</a>
Tel nr.	541144327034
Fax nr.	-
Physical address	Av. Rivadavia 5485
Postal address	-
Skype name	-

<b>Study areas</b>	
Countries / Regions	Argentina

<b>Topics of last three projects</b>	
1	Flood events in Buenos Aires province.
2	Droughts distribution in Buenos Aires province (Argentina).
3	Evolution of soil water surplus in Pampean region.

	<b><u>Topics of last 10 publications</u></b>	<b><u>Publication links</u></b>
1	O. E. Scarpati and A. D. Capriolo. Sequías e inundaciones en la provincia de Buenos Aires (Argentina) y su distribución espacio – temporal. Investigaciones Geográficas, Boletín Instituto Geografía. 82, 38-51. México. 2013	<a href="http://www.revistas.unam.mx/index.php/rig/article/view/31903">http://www.revistas.unam.mx/index.php/rig/article/view/31903</a>
2	M. E. Fernández Long, G. V. Müller, A. Beltrán-Przekurat y O. E. Scarpati. Long-term and recent changes in temperature-based agroclimatic indices in Argentina. 33, 7, 1673–1686. <i>International Journal of Climatology</i> . Royal Meteorological Society. DOI: 10.1002/joc.3541. 2013	<a href="http://onlinelibrary.wiley.com/doi/10.1002/joc.3541/abstract">http://onlinelibrary.wiley.com/doi/10.1002/joc.3541/abstract</a>
3	Olga E. Scarpati and Alberto D. Capriolo. A flood event in Buenos Aires province, Argentina: a quantitative analysis. Cuadernos de Investigación Geográfica. España. 2016	
4	Olga E. Scarpati, Alberto D. Capriolo y Yamile E. Puga. Producción arrocerá y evolución de elementos climáticos en la provincia de Corrientes (Argentina). Estudios Geográficos Vol. LXXVII, 280, pp. 311-331 Spain. 2016	<a href="http://estudiosgeograficos.revistas.csic.es/index.php/estudiosgeograficos/article/view/483">http://estudiosgeograficos.revistas.csic.es/index.php/estudiosgeograficos/article/view/483</a>
5	Olga Eugenia Scarpati and Alberto Daniel Capriolo. Sequías: recurrencia, clasificación y distribución en la región pampeana argentina. Cuadernos Geográficos. Universidad de Granada. 55(1), 1-27. Spain. 2016	<a href="http://www.geograficos.com/revistas/revista-55-1-2016/">http://www.geograficos.com/revistas/revista-55-1-2016/</a>
6	Scarpati, O. E., E. Kruse; M. H. Gonzalez, A. I. J. Vich, A. D. Capriolo and R. M. Caffera. "Updating the hydrological knowledge: A case study". Chapter 23: In: Saeid Eslamian (ed): <i>Handbook of Engineering Hydrology, Vol. 3: Environmental Hydrology and Water Management</i> (CRC Press Taylor and Francis Group). ISBN : 978146652494, pp. 445-459. 2014.	
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## **Research interests in water**

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