


## MEMBER PROFILE

	<b>Associate Prof. Danijel Orešić</b>
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<b>Study areas</b>	
Countries / Regions	Croatia

<b>Topics of last three projects</b>	
1	Marginal areas of Croatia
2	Influences of climatic changes in Croatia
3	Geomorphological mapping of Croatia

	<b><u>Topics of last 10 publications</u></b>	<b><u>Publication links</u></b>
1	Čanjevac, I., Orešić, D. (2015.): Contemporary changes of mean annual and seasonal river discharges in Croatia. Hrvatski geografski glasnik, vol. 77/1, str. 7-27, Hrvatsko geografsko društvo i Geografski odsjek PMF-a, Zagreb	<a href="http://hrcak.srce.hr/index.php?show=toc&amp;id_br_oj=11482">http://hrcak.srce.hr/index.php?show=toc&amp;id_br_oj=11482</a>
2	Filipčić, A., Orešić, D., Maradin, M. (2013.): Changes in precipitation levels in Croatia from the mid 20th century to the present. Geoadria, vol. 18/1, str. 29-39, Hrvatsko geografsko društvo - Zadar, Zadar.	<a href="http://hrcak.srce.hr/index.php?show=clanak&amp;id_clanak_jezik=155789">http://hrcak.srce.hr/index.php?show=clanak&amp;id_clanak_jezik=155789</a>
3	Filipčić, A., Orešić, D., Maradin, M. (2012.): Utjecaj kontinentalnosti klime na dugogodišnje trendove količine padalina u Hrvatskoj. Acta Geographica Croatica, vol 38, str. 15-24, Geografski odsjek, Zagreb.	<a href="http://hrcak.srce.hr/index.php?show=clanak&amp;id_clanak_jezik=126075">http://hrcak.srce.hr/index.php?show=clanak&amp;id_clanak_jezik=126075</a>
4	Maradin, M., Filipčić, A., Orešić, D. (2012.): Varijabilnost padalina u izabranim postajama na jadranskoj obali. Acta Geographica Croatica, vol 38, str. 25-34, Geografski odsjek, Zagreb.	<a href="http://hrcak.srce.hr/index.php?show=clanak&amp;id_clanak_jezik=126075">http://hrcak.srce.hr/index.php?show=clanak&amp;id_clanak_jezik=126075</a>
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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						