



MEMBER PROFILE

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Study areas	
Countries / Regions	Australia, United Kingdom, France / Global, Australasia, Europe

Topics of last three projects	
1	Murray-Darling Basin
2	Drought Impacts
3	European River Types

	<u>Topics of last 10 publications</u>	<u>Publication links</u>
1	Decision making in water trade-offs	https://doi.org/10.1007/s11625-018-0630-x
2	Continental mapping of groundwater dependent ecosystems	http://dx.doi.org/10.1016/j.erjh.2017.01.003
3	Projected river tyoes for Europe	DOI: 10.1016/j.ecohyd.2016.12.006
4	Drought impacts, monitoring and early warning systems	DOI: 10.1175/BAMS-D-16-0185.1
5	IWRM and the Ecosystem Approach	DOI: 10.1080/02626667.2014.897408
6	Adaptation of floodplains under climate change	DOI: 10.1890/15-0848
7	Modelling environmental flow scenarios	DOI: 10.1111/fwb.13060
8	Irrigation decision making	DOI: 10.1016/j.ejrh.2016.01.035
9	Environmental flows in a changing world	DOI: 10.1890/130134
10	Modelling floodplain inundation	DOI: 10.1002/rra.867

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						