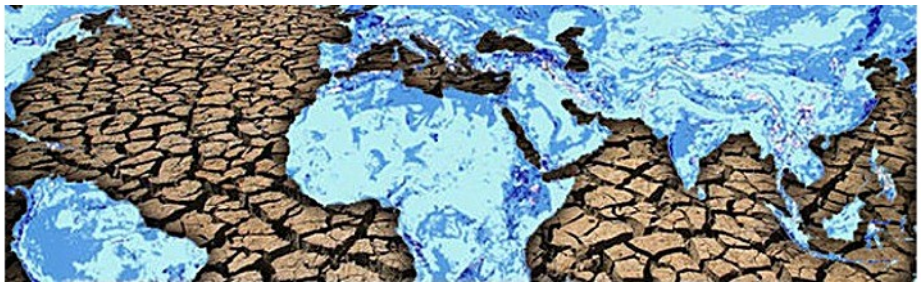
Commission for Water Sustainability



MEMBER PROFILE

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Study areas	
Countries / Regions	USA, South Korea

Topics of last three projects	
1	
2	
3	

	Topics of last 10 publications	**Publication links**
1	Effects of urban imperviousness scenarios on simulated storm flow	https://link.springer.com/article/10.1007/s10661-018-6874-1
2	Local-scale variability in groundwater resources: Cedar Creek Watershed, Wisconsin, USA	https://www.sciencedirect.com/science/article/pii/S157064431730179X
3	Meteorological and Streamflow Droughts: Characteristics, Trends, and Propagation in the Milwaukee River Basin	https://www.tandfonline.com/doi/abs/10.1080/00330124.2018.1432368
4	Impacts of climate change and urban growth on the streamflow of the Milwaukee River (Wisconsin, USA)	https://link.springer.com/article/10.1007/s10113-016-1083-3
5	High-capacity wells and baseflow decline in the Wolf River Basin, north-eastern Wisconsin (USA)	https://link.springer.com/article/10.1007/s12665-016-5992-8
6	Urbanization and Rainfall–Runoff Relationships in the Milwaukee River Basin	https://www.tandfonline.com/doi/abs/10.1080/00330124.2015.1007427
7		
8		
9		
10		

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	Granite karst					
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						