IGM Author Biographies

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Nicholas Brozović is Director of Policy at the Robert B. Daugherty Water for Food Institute at the University of Nebraska. He is an economist with extensive experience in water policy and management worldwide. His research focuses on using economic analysis to evaluate and design management policies for spatial, dynamic natural resource systems. He is currently working to establish functioning resource markets, such as groundwater markets, that can be used as research and teaching platforms and as models of sustainability for industry.

Yvan Caballero is a senior hydrologist and hydrogeologist at BRGM, France, where he coordinates the scientific program on Groundwater Resources Potential Characterization. His main topics are on global change impact on surface and groundwater resources, including karstic groundwater resources, integrated water management, and exploring recharge estimation methods.

Joël Casanova BRGM – French geological survey, has 28 years of experience as an Expert Geochemist and Project Leader in charge of R & D projects concerning environmental geochemistry based on the use of multi-element and multi-isotope techniques. He is also involved in various fields related to surface and ground water resource management which include: tracing of groundwater circulation, managed aquifer recharge and defining exploration methods.

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Daniel Connell works in the Crawford School of Public Policy at the Australian National University where he teaches courses on environmental and water policy. His research focuses on the governance arrangements applying to rivers in multilayered political systems such as Australia, South Africa, the United States, Mexico, the European Union (Spain), India, China and Brazil. He is also a co-editor of *Federal Rivers* published by Edward Elgar in 2014.

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Peter Dillon is Honorary Fellow, CSIRO working in a team on managed aquifer recharge for 20 years, particularly associated with aquifer storage and recovery with stormwater and recycled water. He is a founding co-chair of the IAH Commission on Managing Aquifer Recharge, and aims to foster improved scientific knowledge and its uptake in improved governance of MAR through new water resources management policies and health and environmental protection guidelines.

Guillermo Donoso is Professor of Water Economics at the Pontificia Universidad Católica de Chile. He has researched water governance and water allocation mechanisms with an emphasis on water markets the past 20 years. He has consulted for the United Nations Development Programme (UNDP), the Inter-American Development Bank (IADB), the GTZ and the World Bank in projects for Latin America.

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Peter Fitch is a research scientist with CSIRO Land and Water flagship. His research projects are in the areas of environmental informatics with particular interest in web delivery and use of hydrological information using a broad range of technologies including standards based. He has significant industry experience designing and developing hydrological measurement systems, and has more recently focussed on scientific transparency.

Baihua Fu is a Research Fellow at the Australian National University and the National Centre for Groundwater Research. She has extensive experience in hydro-ecological modelling, environmental knowledge engineering and uncertainty assessment of environmental models. Her recent research focuses on assessing impacts of climate change and water management on water quality and freshwater ecology.

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Timothy R. Green is a research hydrologist with the USDA Agricultural Research Service in Fort Collins, Colorado, USA. His career includes research with the USGS Water Resources Division and CSIRO Australia Land and Water. Tim has served on the UNESCO-GRAPHIC project, and was Guest Professor at ETH Zurich, Switzerland. Tim is a fellow of the American Society of Agronomy and the Soil Science Society of America.

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Joseph H. A. Guillaume is a Postdoctoral Researcher with the Water and Development Research Group at Aalto University, Finland. He completed his PhD at the Australian National University with the National Centre for Groundwater Research and Training (NCGRT). His research focuses on taking a critical systems approach to improving the management of uncertainty in modelling.

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Jie Liu a PhD in hydrogeology from the University of Alabama. She was a postdoctoral fellow at Peking University from 2007 to 2009. Since 2009, she has been an associate professor in the Center for Water Research, Peking University. She has been chairing the Water Ethics working group of UNESCO since 2008. Liu's major research interests include groundwater flow and transport modelling, basin-scale groundwater management, and surface water-groundwater interactions.

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Lawrence E. Stevens is an evolutionary ecologist and the Director of the Springs Stewardship Institute at the Museum of Northern Arizona in Flagstaff. He has published on a wide array of topics, including biogeography, riparian and springs ecosystem ecology, regulated stream ecology, and rare species biology.

Andrew Stone has 35 years' experience in Africa and the US as a university professor, consultant, groundwater advocate and educator. As Executive Director of the non-profit American Ground Water Trust he develops programs to promote effective groundwater management, communicate the environmental and economic value of groundwater, showcase science and technology solutions, increase citizen, community and decision-maker awareness and facilitate stakeholder participation in water resource decisions.

Wendy Timms is a Senior Lecturer at the UNSW School of Mining Engineering, and is affiliated with the UNSW Connected Waters Research Centre, and the Australian Centre for Sustainable Mining Practices and was a Chief Investigator with the National Centre for Groundwater Research and Training. She has 20 years of experience as a hydrogeologist, across Australia and Canada, on water and waste issues in mining and agriculture. Her experience spans consulting engineering, government and research focused on sustainable management of groundwater and water quality, particularly with regard to interaction of saline water and low permeability clayey sediments and rock.

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