

# Water Security for Canadians

Solutions for Canada's Water Sustainability and Climate-Related Water Crisis

## Panel Speakers



**Dr. John Pomeroy**

Dr. John Pomeroy is Director of the Global Water Futures Programme – the largest university-led freshwater research project in the world. At the University of Saskatchewan he is the Canada Research Chair in Water Resources and Climate Change, Distinguished Professor of Geography, Director of the Centre for Hydrology, Director of the Coldwater Laboratory, Canmore, Alberta and Associate Director of the Global Institute for Water Security. He leads the International Network for Alpine Research Catchment Hydrology project of the Global Energy and Water Exchange Project for the World Climate Research Programme. Dr. Pomeroy has authored over 300 research articles and several books. His current research interests are on the impact of land use and climate change on cold regions hydrology and water quality, and improved prediction of climate change impacts, especially floods and droughts.



**Tony Maas**

Tony Maas is the Director of the Forum for Leadership on Water (FLOW), an independent group of policy experts from across Canada that works to advance the protection and sustainable use of freshwater resources and ecosystems. Prior to his role with FLOW, Tony spent six years as Director of WWF Canada's national Freshwater Program. Over the course of his 15 year career, Tony has been called to testify before committees of Parliament, participated in national and global water dialogues, and advised policy makers, philanthropic foundations and research institutes on strategy and policy. Tony serves as chair of the External Advisory Board of the Water Institute at the University of Waterloo. He holds a Bachelor of Environmental Science from Royal Roads University and Master of Environmental Studies from the University of Waterloo where his research focused on water policy and governance.



**Ralph Pentland**

For 13 years prior to 1991, Ralph Pentland was Director of Water Planning and Management in the Canadian Federal Government. In that capacity, he was responsible for negotiating and administering numerous federal - provincial and Canada - U.S. Agreements, was responsible for administering the *Canada Water Act* and the *International River Improvements Act*, and was the primary author of the 1987 Federal Water Policy. Since 1991, Ralph served as a water and environmental policy consultant in many countries, served as Canadian Co-Chairman on several International Joint Commission Boards and Committees, collaborated with numerous non-governmental and academic organizations, helped negotiate major water-related intergovernmental agreements, and assisted in the development of federal water export legislation. He is currently President of Rabbet Enterprises Incorporated, a Member of the Forum for Leadership on Water, a Board Member with LakePulse, and a Member of the Advisory Committee for Environmental Defense Canada.



**Merrell-Ann Phare**

Merrell-Ann Phare is a lawyer, author and the founding Executive Director of the Centre for Indigenous Environmental Resources, a national First Nation charitable environmental organisation. As Chief Negotiator on behalf of the Government of the NWT, she negotiated transboundary water agreements in the Mackenzie River Basin and the Thaidene Nene, a national and territorial park in the east arm of Great Slave Lake. She is a member of Sustainable Prosperity, the Forum for Leadership on Water and is a recipient of the Clean 50 Award. He is a co-convenor of the Collaborative Leadership Initiative in Manitoba, legal counsel and advisor to a number of First Nation governments and regularly speaks on governance, water, and rights issues.



**Michael Miltenberger**

Michael Miltenberger is the principal of North Raven where he works collaboratively on water protection and governance, renewable energy development, building efficient government, expediting land claims and strategic planning. As MLA and Minister of numerous portfolios in the Government NWT, his roles have been diverse, reflecting his broad interest in bettering the lives of northerners. He is a co-convenor of the Collaborative Leadership Initiative in Manitoba. He is a member of the Forum for Leadership on Water and now advises indigenous governments, and private, public, and NGO sector clients on environmental and Indigenous issues.



**Oliver M. Brandes**

Oliver M. Brandes is an economist and lawyer by training and a trans-disciplinarian by design. He serves as Co-Director of the POLIS Project on Ecological Governance, based at the University of Victoria's Centre for Global Studies, where he leads the POLIS Water Sustainability Project. His work focuses on water sustainability, sound resource management, public policy development, and ecologically based legal and institutional reform. He is an Adjunct Professor at the Faculty of Law and School of Public Administration, and is a fellow of the Environmental Law Centre. Oliver is a founding member of the national Forum for Leadership on Water (FLOW), which he currently co-chairs, and is an advisor to numerous national, provincial, and local water organizations, governments, and funders. He is currently a technical advisor to the B.C. Ministry of Environment, supporting the ongoing development of the provincial *Water Sustainability Act*.



**Robert Sandford**

Bob Sandford holds the EPCOR Chair in Water and Climate Security at the United Nations University Institute for Water, Environment and Health. In his work Bob is committed to translating scientific research outcomes into language decision-makers can use to craft timely and meaningful public policy and to bringing international example to bear on local water issues. To this end, Bob is a senior advisor on water issues for the Interaction Council, a global public policy forum composed of more than thirty former Heads of State. Bob is also a Fellow of the Centre for Hydrology at the University of Saskatchewan and a Fellow of the Biogeoscience Institute at the University of Calgary. He is also a member of Canada's. Bob is the author, co-author or editor of more than thirty books on the topics of Canadian and international water security, glaciers, climate change and more.