



## FINAL PROGRAM

### Session 1: Opening Plenary (Davis Centre, Room 1350)

Time	Item	Presenter
8:15 to 9:00	<i>Registration and Continental Breakfast</i>	
9:00 to 9:05	<b>Welcoming Remarks</b>	<b>Dr. Feridun Hamdullahpur</b> President, University of Waterloo
9:05 to 9:20	<b>What's New at the Water Institute</b>	<b>Dr. Bob Gillham</b> Executive Director, the Water Institute
9:20 to 10:30	<b>Key Trends and Emerging Challenges</b> <i>Chaired by Nell van Walsum, President, Professional Services, BluMetric Environmental Inc.</i>	
9:20 to 9:35	<i>Drinking Water Treatment and Supply In 2050: Where Will We Be?</i>	<b>Dr. Peter Huck</b> Professor, Department of Civil and Environmental Engineering
9:35 to 9:50	<i>The Next Generation Of Groundwater Research</i>	<b>Dr. David Rudolph</b> Professor, Department of Earth and Environmental Sciences
9:50 to 10:05	<i>The Politics and Policy of Water and Climate Change</i>	<b>David McLaughlin</b> Strategic Advisor, Faculty of Environment
10:05 to 10:20	<i>Emerging Scholars: Three-Minute Theses</i>	<b>Silvia Vlad</b> , MAsc. Candidate, Department of Civil and Environmental Engineering <b>Marie-Claire Brisbois</b> , PhD Candidate, Department of Environment and Resource Studies <b>Kim Van Meter</b> , PhD Candidate, Department of Earth and Environmental Sciences
10:20 to 10:30	<i>Discussion</i>	
10:30 to 11:00	<i>Coffee and Networking Break</i>	



## Session 2: Breakout Sessions (Davis Centre)

Time	Track	Topic	Presenter
11:00 to 12:30 (DC 1350)	<b>Watershed Ecohydrology</b>  <b>Chaired by Steve Brown</b> Senior Associate Water Resources Stantec	<i>Changing River Systems</i>	<b>Dr. Philippe van Cappellen</b> Canada Excellence Research Chair in Ecohydrology
		<i>Nutrient Legacies in Anthropogenic Landscapes</i>	<b>Dr. Nandita Basu</b> Assistant Professor, Departments of Civil and Environmental Engineering and Earth and Environmental Sciences
		<i>Influence of Agricultural Land Use on Stream Nutrient Loading: Past, Present and Future</i>	<b>Dr. Mohamed Mohamed</b> Water Monitoring Section, Ontario Ministry of the Environment
		<i>Tracking Microbial Communities of the Grand River Watershed</i>	<b>Dr. Josh Neufeld</b> Associate Professor, Department of Biology
11:00 to 12:30 (DC 1302)	<b>Global Change</b>  <b>Chaired by Sandra Odendahl</b> Director Corporate Sustainability Royal Bank of Canada	<i>Water in the Anthropocene: A Governance Perspective</i>	<b>Dr. Derek Armitage</b> Associate Professor, Department of Environment and Resource Studies
		<i>Ice Cover in Lake-Atmosphere Interactions with Recent Climate Change</i>	<b>Homa Kheyrollah Pour</b> PhD Candidate, Department of Geography and Environmental Management
		<i>The Complexity of Water, Hygiene, and Health Relationships</i>	<b>Dr. Sheree Pagsuyoin</b> Assistant Professor, Department of Civil and Environmental Engineering
		<i>Climate Change and the Health of Fish and Fisheries</i>	<b>Dr. Brian Dixon</b> Professor, Department of Biology
11:00 to 12:30 (DC 1304)	<b>Resource Development</b>  <b>Chaired by Michaye McMaster</b> Principal Scientist Geosyntec Consultants	<i>No Lake is an Island – Water Management Challenges in Mining Resource Development Landscapes</i>	<b>Dr. Vivienne Wilson</b> Global Practice Leader, Land Conservation and Restoration, CH2M HILL
		<i>Fen Reconstruction after Oil Sands Extraction: Design Considerations and the Importance of Snow</i>	<b>Scott Ketcheson</b> PhD Candidate, Department of Geography and Environmental Management
		<i>Water Quality Issues Associated with Oil Sands Development in Northern Alberta</i>	<b>Dr. Andrea Farwell</b> Research Associate, Department of Biology
		<i>The Diavik Waste Rock Research Project: Predicting Mine Drainage Quality in Canada's North</i>	<b>Dr. Richard Amos</b> Research Assistant Professor, Earth and Environmental Sciences



## Lunch and Graduate Student Poster Exhibition (Math 3 Atrium)

Time	Item
12:30 to 2:00	Lunch and Graduate Student Poster Exhibition

## Session 3: Closing Plenary (Davis Centre, Room 1350)

Time	Item	Participants
2:00 to 3:00	<b>Roundtable Discussion: <i>Future of the Great Lakes</i></b>	<b>David McLaughlin</b> ( <i>Facilitator</i> ), Strategic Advisor to the Dean, Faculty of Environment <b>Dr. Gail Krantzberg</b> , Professor, Director, Centre for Engineering and Public Policy, McMaster University <b>Sarah Lowe</b> , Great Lakes Regional Coordinator, National Oceanic and Atmospheric Administration (NOAA) Marine Debris Program <b>Dr. Bill Taylor</b> , Professor Emeritus, Department of Biology <b>Krystyn Tully</b> , Founder and Vice-President, Lake Ontario Waterkeeper
3:00 to 3:30	<b>Presentation of the 2013/14 Stantec, Golder Associates and AECOM Graduate Scholarships</b> <b>Closing Remarks</b>	
3:30 to 4:00	<i>Coffee and Networking Break</i>	

## The Water Institute Distinguished Lecture 2014 and Reception (Math 3, Room 1006 & Atrium)

Time	Item	Participants
4:00 to 4:20	<b>Presentation of the 2013/14 RBC Water Scholarships</b>	<b>Francine Dyksterhuis</b> Regional President RBC Royal Bank
4:20 to 5:30	<b>Water Institute Distinguished Lecture: The Past, Present, and Future of the World's Water</b>	<b>Dr. Peter H. Gleick</b> President, Pacific Institute Oakland, California, U.S.A.
5:30 to 7:00	<b>Reception and Graduate Student Poster Exhibition</b>	