

# BRINGING HOME CLIMATE CHANGE

**Tuesday, March 29, 2011, 6-9 pm**

**Wolf Performance Hall, London Public Library - Central Branch  
Citi Plaza 251 Dundas Street, London**



Join us to hear internationally-recognized local scientists present the most current global and local information about Climate Change. This **FREE** Forum is presented by the Upper Thames River Conservation Authority.

## Agenda

### 6:00 pm Informal Poster Presentations of Recent Research Results

- **How Uncertain are the Future Extreme Precipitation Events? An Upper Thames River Basin Context**  
(Tarana A. Solaiman & Slobodan P. Simonovic)
- **Moving towards Probability-based Intensity-Distribution-Frequency (IDF) Curves under Climate Change**  
(Tarana A. Solaiman & Slobodan P. Simonovic)
- **Climate Change Uncertainty and Water Resources Decision Making – Probabilistic Approach**  
(Dejan Vucetic & Slobodan P. Simonovic)
- **Climate Change Uncertainty and Water Resources Decision Making – Fuzzy Set Approach**  
(Dejan Vucetic & Slobodan P. Simonovic)
- **An Approach to Quantifying Uncertainty in Estimates of Intensity-Distribution-Frequency (IDF) Curves**  
(Fahad Alzahrani & Donald H. Burn)

### 7:00 pm Climate Change: The Global Prospective (Dr. Gordon A. McBean)

- What is climate change?
- What are the main global problems?
- How to deal with climate change (global and local issues)
- Mitigation and adaptation

### 8:00 pm Climate Change: Challenges at the Local Level (Dr. Donald H. Burn)

- How is climate change manifesting at the local level?
- What are the main issues (scales, uncertainties and communication)?
- Temperature, precipitation and extremes
- The Upper Thames River Watershed experience

### 8:30 pm Climate Change: The Local Experience (Dr. Slobodan P. Simonovic)

- Work in the Upper Thames River Watershed
- Impacts of climate change in the Upper Thames River Watershed
- From impacts to adaptation action
- City of London precipitation and risk to infrastructure work

**UPPER THAMES RIVER**  
CONSERVATION AUTHORITY

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## Our Presenters

**Dr. Gordon A. McBean** is Director of Policy Studies at the Institute for Catastrophic Loss Reduction, and a Professor in the Departments of Geography and Political Science at the University of Western Ontario. His research interests are climate and natural hazards, ranging in scope from natural phenomena to government policies and people's responses to them. In 2008, he was appointed a Member of the Order of Canada, "for his contributions to the advancement of climate and atmospheric sciences in Canada, and for his leadership in national and international scientific organizations, helping to generate and disseminate research findings to policymakers and stakeholders." In January 2011, Dr. McBean was made a Member of the Order of Ontario. As a lead author and review editor for the Intergovernmental Panel on Climate Change (IPCC), he shared in the awarding of the 2007 Nobel Peace Prize to the IPCC. He is a Fellow of the Academy of Sciences of the Royal Society of Canada.

**Dr. Donald H. Burn** is a Professor in the Department of Civil and Environmental Engineering at the University of Waterloo. He has close to 30 years of experience teaching and conducting research in the area of water resources and hydrology. Dr. Burn teaches courses in hydrology, environmental systems modeling and water management. He is a member of the Study Board for the International Joint Commission's International Upper Great Lakes Study. Dr. Burn conducts research dealing with statistical aspects of hydrology including work on regional flood frequency analysis, characterizing drought probabilities in large drainage basins, and investigating the hydrologic implications of climatic change.

**Dr. Slobodan P. Simonovic** is a Professor in the Department of Civil and Environmental Engineering and Director of Engineering Studies at the Institute for Catastrophic Loss Reduction at the University of Western Ontario. He has over 30 years of research, teaching and consulting experience in water resources engineering. He is teaching courses in civil engineering and water resources systems. Dr. Simonovic actively works for national and international professional organizations. He has received a number of awards for excellence in teaching, research and outreach. Dr. Simonovic's primary research interest focuses on the application of systems approach to management of complex water and environmental systems. Most of his work is related to the integration of risk, reliability, uncertainty, simulation and optimization in water resources management. He has published over 350 professional publications and two major textbooks.

## Parking

Parking is available at the Citi Plaza covered parkade that can be accessed via Wellington, York, Clarence or King Street. For a map and details, see [www.citiplazalondon.com/cus-dir.cfm](http://www.citiplazalondon.com/cus-dir.cfm). Bring your parkade parking ticket to the London Public Library Welcome Desk and either show your London library card or tell them that you are attending the presentation at the Wolf Performance Hall and they will validate the ticket for 2 hours free parking. The parkade charges \$2.00 per half hour or less. There is a \$5.00 flat fee after 6 pm.

Street parking along Dundas, Clarence and King Streets is also available and free of charge after 6 pm.

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## For more information:

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