

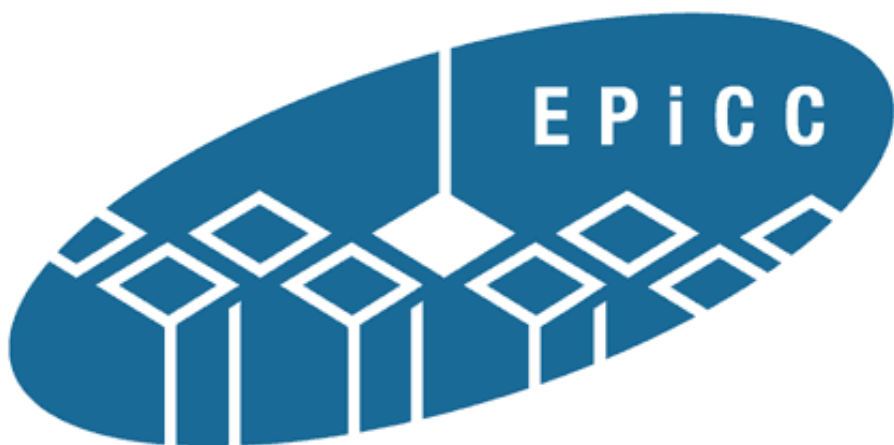
*The Department of Geography* presents:

# The Environmental Prediction in Canadian Cities (EPICC) Network

*The Environmental Prediction in Canadian Cities (EPICC) network is a multi-year (2006-2011) project of university and government researchers that has just been completed. The main purpose of EPICC was to provide an urban energy balance model ready for implementation in the Canadian Meteorological Centre numerical weather prediction scheme. The EPICC research network includes observational, modeling and remote sensing components.*

Network observations include two years of surface energy balance measurements, including carbon fluxes, acquired at multiple sites in Montréal and Vancouver. Montréal studies focus on winter conditions when snowfall is often large and energy use for space heating is intense. In Vancouver the focus is on water use for garden irrigation in summer. Short term intensive observational periods provide details of the evolution of urban snow cover following snow events, the role of vegetation and anthropogenic water use on urban evaporation, and the urban boundary layer evolution over Vancouver.

In this presentation I will provide an overview of EPICC research, including the genesis of the network, its achievements to date, and how it has influenced other urban meteorological research in Canada.



**Dr. Jamie Voogt**

Associate Professor

Department of Geography

University of Western Ontario

**Friday, January 13th, 2012 @ 3 PM**  
**Social Science Centre, Room 2333**



*Serving Complimentary Fair Trade Coffee, refreshments and light snacks.*



The Department of Geography gratefully acknowledges funding received From the Faculty of Social Science Student Donation in support of this series. ***Undergraduate Students Welcome!***

For more information or notice of upcoming presentations, please contact  
Dr. Jeff Hopkins ([jhopkins@uwo.ca](mailto:jhopkins@uwo.ca))

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