

CHANGING CLIMATE, UNCERTAIN FUTURES, AND EVOLVING PRACTICES

APRIL 21-23, 2008

www.climatesymposium.com

The Air & Waste Management Association and the Canadian Water Resources Association present a Symposium on:

Changing Climate, Uncertain Futures, & Evolving Practices in Vancouver, BC. April 21-23, 2008.

One of the greatest climate change challenges facing British Columbia and the Pacific Northwest is applying uncertain predictions to engineering-type problems that demand immediate analysis and decisions regarding future impacts. In response to this challenge, local chapters of the Air & Waste Management Association (A&WMA) and the Canadian Water Resources Association (CWRA) are organizing a symposium to provide some guidance to practitioners on utilizing the available data for decision-making and understanding its limitations.



Registration and Full Symposium Agenda at www.climatesymposium.com

Agenda

Tuesday April 22:

Climate Change Science:

How climate models work, what is predicted globally, & how scenarios are down-scaled to the regional and local scale in British Columbia.

Climate Scenarios & Impacts on Physical Processes: How future local climate scenarios impact precipitation intensity, climate variability, glaciers, and sea level.

TRAINING COURSES

Half-day, concurrent courses are available on Monday April 21:

1. Regional Climate Downscaling.
2. Wind Power Resource Modelling with AnemoScope.

Wednesday April 23:

Physical Processes & Secondary

Impacts: Future climate impacts on B.C.'s air quality, streamflow, landscapes, fisheries, agriculture, and groundwater.

Assessment, Practices, & Guide-

lines: Incorporating anticipated climate changes into design of urban infrastructure, power infrastructure, and the need for climate change assessment guidelines.

Registration Fees (in Canadian Dollars)

Category	Up To April 4	After April 4
Full Conference		
A&WMA/CWRA Members	\$ 400	\$ 500
Non-Members	\$ 500	\$ 600
Students (member/non-member)	\$ 125 / \$ 175	\$ 150 / \$ 200
Single Day		
A&WMA/CWRA Members	\$ 225	\$ 275
Non-Members	\$ 275	\$ 325
Students (member/non-member)	\$ 75 / \$ 125	\$ 100 / \$ 150
Technical Course	Register Before April 21	
A&WMA/CWRA Members	\$ 100	
Non-Members	\$ 150	
Students (member/non-member)	\$ 40 / \$ 70	

Symposium Location

The symposium will be held at the **Morris J. Wosk Centre for Dialogue** at SFU Harbour Centre in downtown Vancouver. Nearby hotel information is available at www.climatesymposium.com



Questions? Sponsorship Inquiries? Contact dhrebenyk@senes.ca

CHANGING CLIMATE, UNCERTAIN FUTURES,
AND EVOLVING PRACTICES APRIL 21-23, 2008

Start	End	Monday – April 21, 2008 Technical Workshops	
12:00	13:00	Registration (Wosk Centre for Dialogue, 580 W. Hastings St, Vancouver)	
13:00	16:00	Short Course 1 Regional Climate Down-scaling Alex Cannon & Christian Reuten Environment Canada University of BC	Short Course 2 Wind Power Resource Modelling with AnemoScope Martin Serrer Canadian Hydraulics Centre

Start	End	Tuesday – April 22, 2008 Summarizing the State of Climate Change Science	
7:30	8:30	Registration & Continental Breakfast (Wosk Centre for Dialogue, 580 W. Hastings St.)	
8:30	8:40	Opening/Welcome	
8:40	9:30	The Global Challenge of Climate Change Greg Flato, Environment Canada	
9:30	10:10	Climate Downscaling Alex Cannon, Environment Canada	
10:10	10:40	Coffee Break	
10:40	11:20	An Overview of Hydroclimatology & Climate Change Impacts in BC Dave Rodenhuis, Pacific Climate Impacts Consortium	
11:20	12:00	Seasonal Temperature & Precipitation Trends Bill Taylor, Environment Canada	
12:00	13:10	Lunch Guest Speaker: Jim Mattison, Comptroller of Water Rights for British Columbia	
13:10	13:50	Climate Variability Eric Salathé, University of Washington	
13:50	14:30	Precipitation Intensity Eric Salathé, University of Washington	
14:30	14:50	Coffee Break	
14:50	15:30	Glacier Change Dan Moore, University of BC	
15:30	16:10	Sea Level Change Bill Crawford, Institute of Ocean Science	
16:10	17:00	Summary of Climate Changes in BC Panel Discussion	
17:00	18:00	Cash Bar & Mixer	

Start	End	Wednesday – April 23, 2008 Selecting Tools and Assessing Impacts
7:30	8:30	Continental Breakfast & Registration (Wosk Centre for Dialogue, 580 W. Hastings St.)
8:30	9:00	Streamflow Alan Hamlet, University of Washington
9:00	9:30	Groundwater Diana Allen, Simon Fraser University
9:30	10:00	Fisheries Kim Hyatt, Fisheries and Oceans Canada
10:00	10:30	Coffee Break
10:30	11:00	Air Quality Brian Lamb, Washington State University
11:00	11:30	Agriculture and Irrigation Denise Neilsen, Agriculture & Agri-Food Canada
11:30	12:00	Landscape Management Brad Seely, University of British Columbia
12:00	13:10	Lunch Guest Speaker: Tina Neale, Environment Canada
13:10	13:40	Urban Infrastructure An Overview of the upcoming CWRA / BCWWA Technical Transfer Session
13:40	14:10	Run of River Hydropower Jaime Cathcart, Knight Piésold
14:10	14:40	The Role of Monitoring Stuart Hamilton, Environment Canada
14:40	15:00	Coffee Break
15:00	15:30	Developing Guidelines for an Evolving Practice David Lapp, Engineers Canada
15:30	16:30	Where do we go from here? Panel Discussion
16:30	16:40	Conference Wrap-up

Presented By:

Corporate Sponsors:

