IP3 Workshop #2

8-10 November 2007 Senate and Board Chamber/Paul Martin Centre Wilfrid Laurier University Waterloo, Ontario



Improved Processes & Parameterisation for Prediction in Cold Regions

AGENDA

Thursday, 8 November

8:00-8:30		Registration/Refreshments
8:30-10:00	Julie Friddell, Chair Sue HortonRichard PetroneErica Wilson Gordon YoungJohn Pomeroy	Session 1 - Welcome and Introduction Welcome from the Vice President - Academic, Wilfrid Laurier University Welcome from the Cold Regions Research Centre, Wilfrid Laurier University Welcome from CFCAS Plenary Speech: Cold Regions Hydrology and its Relevance to Canada and the World Overview and Current Status of IP3
10:00-10:45		Coffee/Media Break
10:45-12:15	Al Pietroniro, Chair Sean Carey Masaki Hayashi Raoul Granger Rick Janowicz Chris Hopkinson	Session 2 - Scientific Reports (15 minutes each) Runoff processes and thermal modelling in subarctic catchments Updates on the Lake O'Hara alpine hydrology study Update on Lake Evaporation Studies Transfer of Recent Wolf Creek Hydrometeorological Process Findings to Yukon Mine Reclamation Projects Using LiDAR to study alpine watersheds and glacial hydrology Open discussion (15 minutes)
12:15-13:00		Lunch (catered - in meeting room)
13:00-14:30	Sean Carey, Chair Bill Quinton Phil Marsh Scott Munro John Pomeroy Chris Spence	Session 3 - Scientific Reports (15 minutes each) Advances in Processes and Parameterisation Studies at Scotty Creek Snow and lake processes at the arctic forest/tundra transition Exploring the Glacier Boundary Layer Snow Processes and Parameterisations IP3 Activities at Baker Creek Open discussion (15 minutes)
14:30-15:00		Coffee Break

15:00-16:30	Bill Quinton, Chair Richard Essery Danny Marks	Session 4 - Scientific Reports (15 minutes each) Parametrization of snow processes over complex landscapes Snow hydrology and modelling
	Kathy Young	Hydrologic Setting of Polar Bear Pass, Bathurst Island, Nunavut
	Dale Ross	- Preliminary Findings (<i>IPY Freshwater Project</i>) Water Survey of Canada's International Polar Year Hydrometric Activities
	*	State and Evolution of Glaciers in the Canadian Rocky
	<i>by Chris Hopkinson</i>) Chad Ellis	Mountains Update on the Cold Regions Hydrological Model Open discussion (15 minutes)
16:30-18:30	Julie Friddell, Chair	Session 5 - Posters and Reception (in meeting foyer)
19:00-until		Banquet (catered - in meeting room)
	Friday, 9 November	
8:00-8:30		Late Registration/Refreshments
8:30-10:00	Vincent Fortin, Chair Al Pietroniro Ken Snelgrove Frank Seglenieks Diana Verseghy Edgar Herrera	Session 6 - Scientific Reports (15 minutes each) Modelling update Modelling groundwater storage MESH in IP3 basins Update on CLASS for MESH and IP3 Snow transport prediction on IP3 basins Open discussion (15 minutes)
10:00-10:30		Coffee Break
10:30-11:45	Dan Moore, Chair Bruce Davison Brian Tolson Murray Mackay Nick Rutter	Session 7 - Scientific Reports (15 minutes each) The MESH community model - latest developments Tools to enhance model development and predictions Climate/Lake Modeling Activities at the Climate Research Division of Environment Canada Evaluation of snow models: SnowMIP2 and future high resolution evaluation Open discussion (15 minutes)
11:45-13:30	Chris Hopkinson	LiDAR Lunch (catered - in meeting room) Assessing vegetation characteristics from the LiDAR point cloud
13:30-15:00	John Pomeroy, Chair Ric Soulis	Session 8 - Theme Discussion (30 minutes per Theme) WATCLASS in a northern peatland Open discussion on Themes to discuss progress, plans, etc.
15:00-15:30		Coffee Break

15:30-17:00 Ming-Ko Woo, Chair Ian Church Fred Wrona Brian Menounos Chris Spence Spence Session 9 - Collaborations and Partnerships in Related National and International Programs (15 minutes each) IP3, A Canadian Contribution to Global Science through IPY IPY Arctic Freshwater Systems: Hydrology and Ecology The Western Canadian Cryospheric Network - Recent Progress Update on PUB (Predictions in Ungauged Basins) Open discussion on how IP3 contributes to these programs (including CliC), Collaborative sessions for upcoming conferences/meetings (CGU, etc.)

17:30-19:00 Board of Directors Meeting

Saturday, 10 November

8:00-8:30		Refreshments
8:30-10:00	Bob Reid, Chair Bob Reid Ian Church Robert Sandford Wanli Wu Users' Advisory Committee	Session 10 - Users' Session (15 minutes each) Background and Mandate of Users' Advisory Committee User's perspective, from the North A Tower of North American Babel: Making Climate Science Intelligible To Leaders, Policy Makers, and the Public User's perspective, from Parks Canada Round table/panel discussion/feedback on applicability of IP3 research and products to users' needs (45 minutes)
10:00-10:30		Coffee Break
10:30-12:00	Diana Verseghy, Chair Ming-Ko Woo Board of Directors & Gordon Young John Pomeroy	• Session 11 - Planning for the Future Comments from the Board of Directors Panel discussion on Integration and Future Directions of Cold Regions Hydrology in Canada and Abroad Plans and next workshop, closing
12:00-13:30		Users' Advisory Committee meeting (lunch provided)
13:30-15:00		Scientific Committee meeting