



IP3 & WC²N Networks Joint Annual Workshop

Lake Louise Inn
Lake Louise, Alberta, Canada

14-17 October 2009



AGENDA

All sessions in Wilson Room unless otherwise noted

Wednesday, 14 October	
18:00 - 20:00	Welcome and Reception
Thursday, 15 October	
8:30 - 10:00	Session 1 - Welcome
Bill Fisher	Welcome from Parks Canada
Erica Wilson	Welcome from CFCAS
Brian Menounos	WC ² N overview, update
John Pomeroy	IP3 overview, update
Michael Allchin	Data management activities
10:00 - 10:30	Coffee
10:30 - 12:30	Session 2 - Modelling Overview
Chair: Paul Whitfield	
Al Pietroniro	MESH modelling update and results
Bryan Tolson	MESH modelling update and simulation results for Reynolds Creek Watershed, Idaho
Diana Versegny	Regional runs of the Canadian Land Surface Scheme for IPY
Ric Soulis	Micro-scale to meso-scale: An update on the IP3 sub-grid soil-water budget
Edgar Herrera	GEM modelling update for IP3
Tom Brown	Update on the Cold Regions Hydrological Model

Olga Semenova	The universal model “Hydrograph”: Modelling across climates, landscapes, and space scales, with specific implementation to the Russian Arctic
12:30 - 13:30	Lunch
13:30 - 15:15 Chair: Nadine Kapphahn	Session 3 - Northern Basins
Phil Marsh	Snow and small lake processes at the Arctic forest/tundra transition in the Western Canadian Arctic
Stefano Endrizzi	Modelling the spatial variability of the snow cover and the surface energy fluxes at TVC
Stefan Pohl	Hydrologic modelling at a continuous permafrost site using MESH
Bill Quinton	IP3 progress at Scotty Creek
Ross Phillips	Improved process understanding and parameterization methods but not yet prediction on the subarctic Canadian Shield
Richard Janowicz	Recent hydrologic response trends observed in Yukon Territory
Stephen Dery	Streamflow in northern Canada during the IPY
15:15 - 15:45	Coffee
15:45 - 17:30 Chair: Phil Marsh	Session 4 - Mountain Basins
John Pomeroy	Snow dynamics and modelling in alpine, Arctic, and forested basins
Cecile Menard	Snow processes and parameterisation in complex landscapes
Stephen Dery	Blowing snow in the Cariboo Mountains, British Columbia
Sean Carey	Improved parameterizations for organic-covered permafrost soils
Masaki Hayashi	Hydrological storage and pathways in alpine headwaters: Lake O’Hara study update
Scott Munro	Peyto Glacier: on revisiting the 25 m HRU
Danny Marks	Integrated observations and hydrological modelling over snow-dominated mountain basins
18:00 - 20:00	IP3 Board of Directors meeting - Peyto Room
	Dinner on your own

<i>Friday, 16 October</i>	
7:00 - 8:30	Hot Breakfast Buffet in Legends Restaurant
8:30 - 10:30 Chair: Mike Allchin	Session 5 - Mini-Workshop on Data Archiving
John Pomeroy	Need for data archive
Mike Allchin	Overview of plans for the data archive
Steve Liang	Overview of GeoSensor Web
Mike Allchin - lead	Discussion of current data/model output holdings and how they will be input and archived - IP3 and WC ² N, 30 minutes each
10:30 - 11:00	Coffee
11:00 - 12:30 Chair: Dennis Strausfogel	Session 6 - Glaciers I
Roger Wheate	Glacier extents and elevations, past and present
Christina Tennant	Eight decades of glacier change, Canadian Rocky Mountains
Shawn Marshall, Eric White	Outlook for Alberta's glaciers
Valentina Radic	Evaluating GCMs using the method of self-organizing maps
Faron Anslow	Mass balance of western North America's alpine glaciers: 1900-2100
12:30 - 13:30	Lunch
13:30 - 14:30 Chair: Brian Menounos	Session 7 - Glaciers II
Garry Clarke	Yet another approach to estimating subglacial topography
Joe Shea	Radiation modelling for prediction of regional-scale glacier melt
Bruce Ainslie, Peter Jackson	Numerical modeling and bias-correcting a precipitation climatology over coastal southern British Columbia
Andrew Bush	Simulated Glacier mass balance in the Rockies
15:00 - 17:00	Session 8 - Poster Session w/ refreshments
17:30 - 19:30	WC ² N Board of Directors meeting - Peyto Room

17:30 - 19:30	IP3 Scientific Committee meeting
19:30 - 22:00	Banquet - Wilson Room
<i>Saturday, 17 October</i>	
8:30 - 10:00 Chair: Bob Reid	Session 9 - Outreach and Applications of IP3 and WC²N Information
Nadine Kappahn	Outreach and IP3/WC ² N Users' Group activities
Bob Sandford	Areas of dispute and potential conflict in water
Frank Weber	Examples of use of glaciological data from WC ² N
Edward Johnson, David Keith	Spatial and temporal processes controlling duff (F and H organic layers) moisture
Katrina Bennett	Pacific Climate Impacts Consortium
Bob Sandford	Synthesis of IP3, WC ² N, and users' science and applications
10:00 - 10:30	Coffee
10:30 - 12:00 Chairs: John Pomeroy, Dennis Straussfogel	Session 10 - Discussion, Future Plans, Workshop Wrap-up
12:00 - 13:00	Lunch
12:00 - 13:00	Cold Regions Hydrology Users' Group meeting - Peyto Room