Western Canadian Cryospheric Network (WC2N)  
Fall Workshop 2008  
October 2–4, 2008  
University of Northern British Columbia  
Prince George, BC  
Conference Centre, Room 6-211  
Agenda

Thursday, October 2

0830–0900  Registration  
Gail Fondahl (UNBC Vice-President, Research) *Welcome to UNBC*  
Brian Menounos (UNBC) *Welcome and Introductions*  
Erica Wilson (CFCAS), *Opening Remarks*

**Science Presentations**

Roger Wheate (UNBC) *2005 Glacier Inventory*

1000—1030  <break>  
Brian Menounos (UNBC) *Generating DEMs from recent imagery*  
Ranae Kowalczuk (SFU) *Glacial retreat and ice volume loss during the past century, Glacier National Park, British Columbia*  
Surendra Adhikari (U.Calgary) *On understanding the response characteristics of a small valley glacier, Nepal Himalaya*

1200—1330  <lunch -- Conference Centre>  
Dan Smith (UVic) *UVTRL-WCCN Research Update*  
Matt Beedle (UNBC) *Using GPS To Assess Glacier Mass Balance: Preliminary Results*  
Lisa Wood (UVic) *Corresponding Climate and Mass Balance Reconstructions for Place Glacier, BC*

1500—1520  <break>  
Dan Moore (UBC) *Thermal regime of a small, high-energy proglacial lake and influences on proglacial stream temperature*
Kate Sinclair (U.Calgary)  *Modelling the evolution of stable isotopes in precipitation across western Canada*

Stephen Déry (UNBC)  *Detection of runoff timing changes in pluvial, nival and glacial rivers of western Canada.*

Nicole Schaffer (U.Calgary)  *Modelling Glacier Surface Temperature Using Weather Station Data and Historical Climate Reconstructions*

**Friday, October 3**

0850 <session begins>

Garry Clarke (UBC)  *Bells & whistles: modelling the transport of temperature and debris*

Surendra Adhikari (U.Calgary)  *A three-dimensional numerical ice-flow model applied to alpine icefields and valley glaciers*

Valentina Radic (UBC)  *Mass-balance modelling*

1000-1020 <break>

Faron Anslow (UBC)  *Downscaling and mass balance modelling as applied to the UBC Regional Glaciation Model*

Mira Losic (U.Calgary)  *Turbulent energy fluxes on the Opabin Glacier, Yoho National Park*

Stephen Déry (UNBC)  *On the potential contribution of blowing snow to the mass balance of glaciers in the Cariboo Mountains*

1200-1330 < lunch -- Conference Centre >

Dan Moore (UBC)  *Hybrid physical-statistical modelling of downstream temperature changes in a steep, alpine proglacial stream*

Ted Pollock (U.Alberta)  *Rocky mountain glaciers in the 21st century: A global and regional climate modeling approach*

Bruce Ainslee (UNBC/UBC)  *Using RAMS to dynamically downscaling NARR over the Southern Coast Mountains in B.C*

1500-1530 <break>
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**1530-1700 Poster Session** -- Wintergarden (downstairs)

- Raju Aryal (UNBC) *Modeling melt rate of ice beneath variable debris thickness on Dome Glacier, Canadian Rockies*
- Matt Beedle (UNBC) *An Annual Record of Length Change Derived from Push Moraines at Castle Creek Glacier, BC (1959-2008)*
- Kara Przeczek (UNBC) *Snowmelt modeling in the Cariboo Mountains*
- Joe Shea (UBC) *Downscaling near-surface air temperatures within the glacier boundary layer*
- Kate Sinclair (U.Calgary) *Vapour trajectory-stable isotope relationships in Rocky Mountain snowpacks*
- Christina Tennant (UNBC) *International/Interprovincial Boundary Commission Maps and Photographs as a Unique Data Set for Glacier Extents and Surfaces*

**1700-2100 Banquet** -- UNBC Atrium (Administration Bldg)

*Saturday, October 4*

**Users and Partners Presentations**

- **0905** <session begins>
  - John Pomeroy (U.Sask/IP3) *The IP3 Network: Update on Cold Regions Hydrometeorology*
  - Julie Friddell (U.Sask/IP3) *IP3-WC2N Outreach and Data Management Activities*
  - Brian Menounos (UNBC) *Columbia Basin Trust* (tentative)

- **1000-1020** <break>
  - Sean Fleming (BCHydro) *Climate and glacier change: potential implications for BCHydro*
  - Andrew Fountain (PSU) *Glacier Change in the American West*
  - Barry Goodison (Env.Canada) *Global Cryosphere Watch*

- **1200—1300** <lunch -- Conference Centre>

- **1300—1500** Science Steering Committee Meeting

- **1500—1700** Board of Directors Meeting
**Western Canadian Cryospheric Network (WC²N)**

**Fall Workshop 2008**

*Attendance*

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