

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 Kowalczyk (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*

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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

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Attendance

Surendra Adhikari	U.Calgary	Dan Moore	UBC
Bruce Ainslee	UNBC/UBC	Tara Moran	U.Calgary
Faron Anslow	UBC	Ted Pollock	U.Alberta
Raju Aryal	UNBC	John Pomeroy	U.Sask/IP3
Eleanor Bash	U.Calgary	Kara Przewczek	UNBC
Matt Beedle	UNBC	Valentina Radic	UBC
Kasia Caputa	UNBC	Nicole Schaffer	U.Calgary
John Clague	SFU	Martin Sharp	U.Alberta
Garry Clarke	UBC	Joe Shea	UBC
Stephen Déry	UNBC	Kate Sinclair	U.Calgary
Sean Fleming	BCHydro	Dan Smith	UVic
Gail Fondahl	UNBC	Doug Smith	BCHydro
Andrew Fountain	Portland State U	Eric Steig	U.Washington
Julie Friddell	U.Sask/IP3	Dennis Straussfogel	UNBC
Barry Goodison	Env.Canada	Christina Tennant	UNBC
Marco Hernandez	UNBC	Tullia Upton	UNBC
Jocelyn Hirose	U.Calgary	Roger Wheate	UNBC
Peter Jackson	UNBC	Paul Whitfield	Env.Canada
Ranae Kowalczyk	SFU	Erica Wilson	CFCAS
Mira Losic	U.Calgary	Lisa Wood	UVic
Shawn Marshall	U.Calgary	Amir Yadghar	UNBC
Brian Menounos	UNBC		