



CanSISE Workshop 2016 Program

Day 1 - Thursday November 17th, 2016

08:00-08:40	Breakfast, Registration	
08:40-08:50	Introduction to Day 1	Paul Kushner
Chair: Paul Kushner	Session 1: Prediction	
08:50-09:40	Seasonal to decadal prediction: recent Met Office research	Doug Smith
09:40-10:10	Morning break	
10:10-10:35	Skillful seasonal forecasts of Arctic sea ice retreat and advance dates in CanSIPS	Michael Sigmond
10:35-11:00	Improved probabilistic forecasting of Arctic sea ice	Arlan Dirkson
11:00-11:25	Snow and soil freeze thaw state initialization in land surface models	Aaron Berg
11:25-11:50	CanSISE-relevant CanSIPS developments	Bill Merryfield
11:50-12:00	Brief Discussion	
12:00-13:30	Lunch at the Faculty Club	
Chair: Stephen Howell	Session 2: Sea Ice and Snow Processes	
13:30-13:55	Reassessing the role of sea ice drift in Arctic Sea ice loss	Neil Tandon
13:55-14:20	Estimating sea-ice compressive strength from observations in the Canadian Arctic Archipelago	Yukie Hata
14:20-14:45	Using sea-ice deformation fields from RADARSAT to constrain mechanical strength parameters of geophysical sea ice	Amelie Bouchat
14:45-15:10	The effects of elastic and plastic waves on the numerical convergence of the viscous-plastic and elastic-viscous-plastic sea-ice model	James Williams
15:10-15:40	Afternoon break	
Chair: Chris Fletcher		
15:40-16:05	Snow thickness on Arctic Ocean sea ice: Comparison of reanalysis and climate model data with in situ measurements	Bajish CC
16:05-16:30	Improved machine learning estimates of SWE using snow modelling and land covariates	Drew Snauffer
16:30-16:55	Evaluation of CLASS's snow-rain partitioning	Bakr Badawy
16:55-17:35	Discussion / HQP chat	
18:45	Dinner at Bangkok Garden, 18 Elm St	www.bangkokgarden.ca



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Day 2 - Friday November 18th, 2016

08:00-08:40	Breakfast, Registration	
08:40-08:50	Introduction to Day 2	Paul Kushner
Chair: Paul Kushner	Session 2 con't: Sea Ice and Snow Processes	
08:50-09:15	Simulation of longwave radiation beneath boreal forests	Chris Fletcher (for Markus Todt)
09:15-09:40	The impact of simulated albedo biases on climate in CLM Session 3: Climate variability in sea ice and snow	Chad Thackeray
09:40-10:05	Projected ocean heat transport changes in the Arctic- Atlantic sector	Camille Li
10:05-10:35	Morning Break	
10:35-11:00	Arctic sea ice response to the eruptions of Agung, El Chich'on and Pinatubo	Marie-Eve Gagne
11:00-11:25	Isolating the impact of sea ice loss on the coupled ocean- atmosphere system	Stephanie Hay
11:25-11:50	Increasing Transnational Sea Ice Exchange in a Changing Arctic Ocean	Bruno Tremblay
11:50-12:00	Brief Discussion	
12:00-13:40	Lunch at the Faculty Club, Admin. Meeting	
Chair: Doug Smith		
13:40-14:20	Evaluating peak streamflow events of Fraser River Basin, British Columbia	Joint Talk: Charles Curry & Siraj ul Islam
14:20-14:45	Event attribution of fire weather extremes in western Canada	Megan Kirchmeier- Young
14:45-15:10	The atmospheric response to extratropical ocean warming induced by sea ice loss	Paul Kushner (for Russell Blackport)
15:10-15:35	Projection using Sea Ice Sensitivity	Erica Rosenblum
15:35-16:05	Afternoon Break	
Chair: Bill Merryfield		
16:05-16:30	Can Simulated Internal Variability Reproduce The AO-Snow Teleconnection In Climate Models?	Tyler Herrington
16:30-16:55	Sensitivity of landfast ice cover and thickness to temperature in observations and 21st century projections	Fred Laliberte
16:55-17:20	Snow cover response to temperature in observational and climate model ensembles	Lawrence Mudryk
17:20-18:00	Discussion	

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