

CanSISE Workshop 2015 – Three Day Agenda

Day 1 – Wednesday March 11th, 2015

08:00-08:50	Breakfast, Registration			
08:50-09:00	Logistics			
09:00-12:00	Morning Session	Talk Title	Presenter	
Chair: Francis Zwiers	09:00-10:00	A new statistical downscaling approach for hydrological applications	David Pierce	
	10:00-10:30	Morning Break		
	Chair: William Hsieh	10:30-11:00	Attributing causes to observed changes in Northern climate	Francis Zwiers
		11:00-11:30	Detection and Attribution of Changes in the Hydrologic Quantities of Western Canada to Climate Change	Reza Najafi
	11:30-12:00	Robust hydrologic change under global warming – Theory and its application	Sanjiv Kumar	
12:00-13:00	Lunch at the Faculty Club			
13:00-17:30	Afternoon Session	Talk Title	Presenter	
Chair: David Pierce	13:00-13:30	Emulating the VIC hydrological model with machine learning for climate scenario studies.	William Hsieh	
	13:30-14:00	Development of a Machine Learning SWE Estimation Model for BC: Early Results	Andrew Snauffer	
Chair: Kelly McCusker	14:00-14:30	Assessing climate induced future changes in the hydrology of the Fraser river basin	Siraj Islam	
	14:30-15:00	Afternoon Break		
	15:00-15:30	Arctic Air Masses in a Warming World	Melissa Gervais	
	15:30-16:00	Seasonal forecasting of the minimum sea ice extent: a Lagrangian approach	Bruno Tremblay	
	16:00-16:30	Sea Ice Thickness: Estimation in real-time from SLP and SIC through a Maximum Covariance Analysis	Arlan Dirkson	
	16:30-17:00	Evaluation of Arctic sea ice variability in CanSISE large ensemble of CanESM-2	Bajish CC	
	17:00-17:30	Discussion		
19:00	Dinner at Ciao Wine Bar, 133 Yorkville Ave (www.ciaowinebar.com)			

Day 2 - Thursday March 12th, 2015

08:00-08:50	Breakfast, Registration		
08:50-09:00	Logistics		
09:00-12:00	Morning Session	Talk Title	Presenter
Chair: Bill Merryfield Chair: Chris Fletcher	09:00-10:00	Seasonal to decadal predictability: progress and issues	Doug Smith
	10:00-10:30	Morning Break	
	10:30-11:00	Initialization, potential predictability and skill of CanSIPS forecasts of snow water equivalent	Bill Merryfield
	11:00-11:30	Influence of snow and soil-moisture initialization on sub-seasonal forecast predictability skill of the Canadian Climate Model	Aaron Berg, Jaison Ambadan
	11:30-12:00	Creation of an Observation-based Multi-dataset Snow Water Equivalent Product	Lawrence Mudryk
12:00-13:00	Lunch at the Faculty Club		
13:00-17:30	Afternoon Session	Talk Title	Presenter
Chair: Aaron Berg Chair: Michael Sigmond	13:00-13:30	Changing influences of temperature and precipitation on snowpack variability in the Northern Hemisphere	Reinel Sospedra-Alfonso
	13:30-14:00	Polar amplification and elevation-dependence in trends of Northern Hemisphere snow cover extent, 1971-2014	Chris Derksen
	14:00-14:30	Evaluating snow albedo feedback in two generations of climate models	Chris Fletcher
	14:30-15:00	Afternoon Break	
	15:00-15:30	Quantifying the skill of CMIP5 models in simulating seasonal albedo and snow cover evolution	Chad Thackeray
	15:30-16:00	Investigating the spread of snow albedo in climate models in boreal forest regions	Libo Wang
	16:00-16:30	Simulation of the effects of BC and snow metamorphism on snow and climate in the Canadian Global Climate Model	Maryam Namazi
	16:30-17:00	An idealized study of vertical ocean heat fluxes along active Linear Kinematic Features, using a high resolution (0.1 km to 4.5 km) ice-ocean coupled model	Alexander Slavin
	17:00-17:30	Identifying highlights for Deliverable 1	Paul Kushner
19:00	Dinner at Prenup Pub, 191 College St (www.prenuppub.com)		

Day 3 - Friday March 13th, 2015

08:00-08:50	Breakfast, Registration		
08:50-09:00	Logistics		
09:00-13:00	Morning Session	Talk Title	Presenter
Chair: John Fyfe	09:00-9:30	Is there a link between human-induced Arctic sea ice loss and cold Eurasian winters?	Kelly McCusker
	09:30-10:00	Separating forced and internal hydroclimate variability for CanSISE Regions using pattern scaling	Paul Kushner
Chair: Bruno Tremblay	10:00-10:30	Morning Break	
	10:30-11:00	TBA	James Screen (remote presentation)
	11:00-11:30	Pacific trade wind intensification and the recent prevalence of unusually cold North American winters	Michael Sigmond
	11:30-12:00	Update on CESM sea ice perturbation experiments	Russell Blackport
12:00-13:00	Lunch at the Faculty Club		
13:30-17:00	Afternoon Session	HQP Discussions and SC&AP Meeting	
Chair: Paul Kushner	13:00-14:00	HQP Chat	
	14:00-14:30	Wrapup Discussion	
	14:30-15:00	Afternoon Break	
	15:00-17:00	Steering Committee & Advisory Panel	