

ARCTICNET ANNUAL SCIENTIFIC MEETING 2016 (Last update: December 07)

TOPICAL SESSIONS AT A GLANCE TUESDAY, 6 DECEMBER

Rooms:	1-2, 11-13	Presentation Theatre	Pan Am	Millenium	2E	5	17
		ARCTIC FISH AND FISHERIES	GLACIER CHANGES	COMMUNICATION	OCEAN-SEA-ICE-ATMOSPHERE INTERACTION		PHYSICAL OCEANOGRAPHY
	Chair:	Chair: Caroline Bouchard	Chair: Anna Crawford and Luke Copland	Chair: Megan Hight	Chair: Brian Butterworth	Chair:	Chair: Bill Williams
15:30		Stig Falk-Petersen Lipids for life: A case study of daubed shanny (<i>Leptoichthys maculatus</i>)	Achim Roth Ice Cap Surface Elevation Changes Derived from ICESat and TanDEM-X Elevation DATA: Example Devon Ice Cap	Talia Wells Un-Muzzling Science: Science Communication and Science-to-Policy in the Canadian Arctic	Eric Mortenson A model approach to carbon exchange in the air, sea, and ice of the marine Arctic		Juliana Marson Cascading off Davis Strait seen from NEMO model results
15:45		Nigel Hussey Tracking the impossible at depth: mark report satellite tags reveal a large-scale directed migration of Greenland sharks	Colleen Mortimer Recent warming over Canada's High Arctic Glaciers: glacier surface temperatures and albedo change for the Queen Elizabeth Islands (2000-2015)	Zoe Martos Climate Change Knowledge Mobilization for Decision-Makers in Nunavut: Case Studies	Brian Butterworth Air-sea exchange of carbon dioxide in the Antarctic marginal ice zone		Kenneth Hughes High-spatial-resolution oceanography of the central Canadian Arctic Archipelago
16:00		Angela Young Movement of Arctic Char in Nunavut's largest lake	Luke Copland Long-term glacier slowdown in the Canadian Arctic	Ashley Rudy Permafrost Comics: Bridging the gap between science and society	Emma Dodd Towards a Combined Surface Temperature Dataset for the Arctic from the Along-Track Scanning Radiometers		Benjamin Scheffele Turbulent Dissipation Rates, Mixing, and Heat Fluxes in the Canadian Arctic from Glider-based Microstructure Measurements
16:15		Caroline Bouchard Climate warming enhances juvenile arctic cod recruitment in Canadian arctic seas	Juliana Marson Modelling Greenland Icebergs: Evaluating their freshwater contribution to the North Atlantic	Megan Hight Through a Child's Eyes: How Visual Media Can Be Used to Engage Northern Aboriginal Youth in Knowledge Exchange Activities for Community-Driven Health Research	Emma Mungall A novel source of oxygenated volatile organic compounds in the summer time marine Arctic boundary layer		Nathan Grivault Volume and freshwater exchange inside and outside of the Canadian Arctic Archipelago
16:30		Jasmine Brewster Defining the Niches of Beaufort Coastal Fishes using Biotracers: Stable Isotopes, Fatty Acids and Total Mercury	Laurent Mingo Radar Instrumentation and Methods for Long Term Glacier and Ice-Island Monitoring		Yuta Ando Short break of Polar night jet in early winter related with cooling over Siberia		
16:45			Lorenz Meire Use of transect studies and moorings to assess seasonal productivity in a sub-Arctic fiord adjacent to the Greenland Ice Sheet		Neil Bailey Determination of the Henry's Law Constant of Carbon Dioxide at Freezing Temperatures		

TOPICAL SESSIONS AT A GLANCE WEDNESDAY, 7 DECEMBER

Rooms:	1-2, 11-13	Presentation Theatre	Pan Am	Millenium	2E	Hall B	17
	KITIKMEOT REGION 1: INTRODUCTION TO THE CHARS ERA - TERRESTRIAL SYSTEM	WELL-BEING, HEALTH AND HEALTH CARE	ARCTIC MARINE ECOSYSTEMS 1	ARCTIC LAKES, RIVERS AND ESTUARIES	SEA ICE PHYSICAL AND BIOLOGICAL PROCESSES 1	CONTAMINANTS	LITERACY AND EDUCATION
	Chair: Kristina Brown and Donald McLennan	Chair: Mylene Riva	Chair: Catherine Lalonde	Chair: Michelle Kamula	Chair: C.J. Mundy	Chair: Jason Stow	Chair: Alexander McAuley
10:30	Donald McLennan Application of Terrestrial Ecosystem Monitoring under the CAFF Circumpolar Biodiversity Monitoring Program: Designing and Implementing Terrestrial Monitoring to Establish the Canadian High Arctic Research Station as a Flagship Arctic Environmental Monitoring Site	Gwen Healey Youth perspectives on sexually transmitted infections and sexual health in Northern Canada and implications for public health practice	David Yurkowski A dynamical shift in intraguild predation increases inter-specific competition between near-top predators in a changing Arctic	Michelle Kamula Patterns and Sources of Sediment and Particulate Organic Carbon in Lake Melville, Labrador: Inferences from ²¹⁰ Pb, ¹³⁷ Cs, and δ ¹³ C	Jørgen Berge New Ice-tethered observational platforms in the Arctic Ocean pack ice	John Chételat Does growth rate influence mercury accumulation in Arctic freshwater fish? Evidence from muscle RNA:DNA ratios	Tess Miller Promising practices in the assessment of language and literacy in Inuit communities
10:45	Lisa-Marie Leclerc Dolphin and Union (<i>Rangifer tarandus groenlandicus x pearyi</i>) caribou herd abundance and trends, Kitikmeot Region, Nunavut	Andrea Andersen Determinants of healthy aging in Labrador: Perspectives from older adults and seniors	Francis K. Wiese Why has the world not collapsed and what should we do to keep it that way?	David Fortin Propagation of fluvial sediment pulses in a glacial-fed lake, Brooks Range, Alaska	Feiyue Wang Mesocosm-scale studies of sea ice properties and processes at the Sea-Ice Environmental Research Facility (SERF): a five-year synopsis	Marlene Evans Investigations of fish health and contaminants in lakes and rivers in the Northwest Territories: case studies investigating community concerns	Alexander McAuley Akuttujuuk: Catalyzing bilingual education in Inuit Nunangat via school, family and community leadership
11:00	Fabien Mavrot Is <i>Erysipelothrix rhusiopathiae</i> , a zoonotic bacterium and recent cause of mortality in muskoxen, new to the Arctic?	Alexandra Sawatzky Inuit-identified pathways for good wellbeing: An exploration of the land's role as a determinant and source of wellness in Nunatsiavut, Labrador	Evan Edinger New field observations on distributions of cold-water corals and sponges in Baffin Bay and the Northern Labrador Sea	Igor Lehnher Coupled Terrestrial-Aquatic Climate Impacts on the Watershed of the High Arctic's Great Lake (Lake Hazen, Nunavut)	Jack Landy Sea ice roughness: the key for predicting Arctic summer ice albedo	Kang Wang Mercury in the Marine Waters of the Canadian Arctic	Shelley Tulloch The Akuttujuuk framework for bilingual education in Inuit Nunangat
11:15	Milla Rautio First inventory of biodiversity and productivity of Cambridge Bay lakes, Victoria Island, High-Arctic Canada	Jennifer Wakegijig Recruit and Retain - Making It Work: Addressing Recruitment and Retention Challenges in the Health Sector in Northern and Arctic Communities	Dimitri Kalenitchenko Marine Protists in Emerging Hotspots North of Baffin Bay	Masoud Goharrokhi Evaluation of suspended sediment sampling techniques for use in sediment fingerprinting in the Nelson River and Hudson Bay	Nix Geilfus Estimates of ikaite export from sea ice to the underlying seawater in a sea ice-seawater mesocosm		Nunia Qanatsiaq-Anoee Family and community leadership in bilingual education: A case study
11:30	Matthew Gilbert A field-based assessment of the temperature tolerance of migratory Arctic Char (<i>Salvelinus alpinus</i>)	Christina Hackett Going off, growing strong: Results from a mixed-methods program evaluation targeting at-risk Inuit youth	Catherine Lalonde Spatial and temporal variability in phytoplankton and particulate matter export in the Beaufort Sea (2014-2015)	Philip Marsh Integrating high resolution field observations and modelling in order to improve our understanding of hydrological change	Jeremy Whitehead Inorganic carbon variations in response to under ice algae blooms and growth	Adam Morris Relationships between organic contaminants and metabolomics profiles in muscle and liver of polar bears from two subpopulations in Hudson Bay, Canada	Sandy Campbell A Community-Defined Digital Library for the Inuvialuit Settlement Region
11:45	Donald McLennan Integration of terrestrial and freshwater research and monitoring in the CHARS ERA		Alec Aitken Frobisher Bay: A Natural Laboratory for the Study of Environmental Change in Canadian Arctic Marine Habitats		C.J. Mundy Sea ice nutrient measurements: the role of ice algal intracellular nutrients		Peter Schmidt Mikkelsen ISAAFFIK Arctic Gateway

TOPICAL SESSIONS AT A GLANCE
THURSDAY, 8 DECEMBER

Rooms:		1-2, 11-13	Presentation Theatre	Pan Am	Millenium	2E	Hall B	17						
HUDSON BAY 1 - OVERVIEW AND COMMUNITY		OIL IN THE ARCTIC 1		INTERNATIONAL PARTNERSHIPS AND COLLABORATION		COMMUNITY-BASED RESEARCH 1		ARCTIC MARINE MAMMALS 1		ARCTIC TUNDRA AND VEGETATION 1		ARCTIC INFRASTRUCTURES AND CLIMATE CHANGE		
Chair:	David Barber and Lauren Candlish	Chair:	Casey Hubert and Gary Stern	Chair:	Henry Burgess	Chair:	Carie Hoover	Chair:	Marci Trana	Chair:	Jeffery Saarela	Chair:	Louis-Philippe Roy	
10:30	David Barber	An overview of Hudson Bay and the on going research	Michael Byers	Arctic Oil: Policy, Law, and International Cooperation	Marina Villegas	Spanish Polar Strategy: a window connecting both polar regions	Kent Spiers	Toward Best Practices in Arctic Social and Ecological Sustainability: A Critical Evaluation of Community-Based Monitoring Programs	Cory Matthews	Longitudinal stable isotope-based datasets reveal unexpectedly high individual variation in beluga life history and foraging ecology	Noémie Boulanger-Lapointe	Temporal and spatial variability in berry productivity across the Canadian Arctic	Heather Brooks	Permafrost-Supported Linear Infrastructure Risk Analysis Software - Design and Goals
10:45	Joel Heath	The Hudson Bay Consortium: Environmental Stewardship for the Greater Hudson Bay/James Bay Region			Henry Burgess	United Kingdom and Arctic Science	Tim Soucie	Two Years of Youth-Driven Arctic Research in Mittimatalik: What Can the Learning-by-Doing Approach Teach Us?	Rowenna Gryba	Refining behavioral inferences from satellite tagged spotted and bearded seals using dive and environmental variables	Sandra Angers-Blondin	Biotic constraints to tall shrub recruitment in the tundra	Xiangbing Kong	Development of design tools for convection mitigation techniques to preserve permafrost under north transportation infrastructures
11:00	Maryse Mahy	Working Together to Collect Marine Baseline Data in Wager Bay, Ukkusiksalik National Park	Dustin Isleifson	An Overview of Microwave Remote Sensing Technologies for Detection of Oil in Sea Ice	Jane Francis	Arctic and Antarctic logistics with the British Antarctic Survey	Lindsay Day	Integrative approaches to working with Indigenous and Western knowledge in Northern Research: A survey assessment of the current state of practice	Marci Trana	Higher blubber cortisol in threatened beluga whales of the Canadian Arctic	Jeffery Saarela	Biodiversity of the Canadian Arctic Vascular Plant Flora: New Floristic Discoveries Represent Critical Baseline Biodiversity Data	Armelle Decaulne	Slope morphometry as an indicator of hazards and risks in southwestern Nunavik – case studies from Umiujaq and Lac à l'Eau-Claire, Nunavik
11:15	Mishal Naseer	Land-Use Planning in the Nunavik Marine Region with regard to the Hudson Bay Region	Thomas Neusitzer	Investigating the Complex Permittivity of Oil-Contaminated Sea Ice	Maia Olsen	Greenland Ecosystem Monitoring (GEM): Monitoring and long-term research programme on ecosystems, climate change effects and feedbacks in the Arctic	Nicolas Brunet	Evaluating the effectiveness of wildlife research communication in Nunavut communities	Claire Hornby	Beluga whale habitat selection in the offshore Beaufort Sea during late-summer 2007-2009	Esther R. Frei	Interacting effects of snowmelt timing and climate warming on Arctic tundra plants over the past two decades	Fabrice Calmels	Preparing the resilience to climate change of the Dempster Highway, YT, Canada
11:30	Steven Ferguson	Hudson Bay: first we lose polar bears then seals?	Alexandre Forest	The integrated Beaufort Observatory (IBO)			Carie Hoover	Regional Indicators for Marine Monitoring in the Inuvialuit Settlement Region	Cortney Watt	A shift in foraging behaviour of beluga whales (<i>Delphinapterus leucas</i>) from the threatened Cumberland Sound population may reflect a changing Arctic food web			Louis-Philippe Roy	Development of a Climate-Resilient Functional Plan for Dempster Highway
11:45	Jonathan Andrews	Climate change and sea ice: marine shipping access in Hudson Bay and Hudson Strait (1980 – 2014)	David Barber	The Churchill Marine Observatory: A New Research Facility Dedicated to the Studies of Detection, Impact and Mitigation of Oil Spills in Ice-Covered Arctic Waters					Ellyn Davidson	Distribution and habitat associations of two subpolar cetaceans, sperm whales (<i>Physeter macrocephalus</i>) and northern bottlenose whales (<i>Hyperoodon ampullatus</i>), in Baffin Bay-Davis Strait			Heather Brooks	Soil Bridging Effects within Permafrost and Cold Regions Infrastructure

Rooms:		1-2, 11-13	Presentation Theatre	Pan Am	Millenium	2E	Hall B	17						
HUDSON BAY 2 - SCIENCE		OIL IN THE ARCTIC 2		ARCTIC WILDLIFE 1		COMMUNITY-BASED RESEARCH 2		ARCTIC MARINE MAMMALS 2		ARCTIC TUNDRA AND VEGETATION 2		PERMAFROST		
Chair:	Zou Zou Kuzyk	Chair:	Casey Hubert and Gary Stern	Chair:	Sabrina Plante	Chair:	Eric Solomon	Chair:	Stephen Insley	Chair:	Virginia Walker	Chair:	Philip Bonnaventure	
13:30	Tricia Stadnyk	Hudson Bay: Changing river discharge in northern Canada	Charles W. Greer	Bacterial diversity and the natural attenuation potential for hydrocarbons in the cold ocean environments of Canada	Kevin Hawkshaw	Does prey distribution influence nest site selection and success in an arctic, avian top predator?	Kimberly Howland	The role of community based monitoring and citizen science in early detection of nonindigenous species in the Canadian Arctic	Rajnish Sharma	Toxoplasma gondii in beluga whales (<i>Delphinapterus leucas</i>) from Beaufort Sea (Inuvialuit Settlement Region, Northwest Territories)	Virginia Walker	What happens to boreal forest soil communities after fire?	Julien Fouché	A Pan-Canadian study of Optical Properties of Soil Dissolved Organic Matter in the Active Layer and Permafrost
13:45	Michelle Kamula	A comparison of water mass composition and nutrient distribution in two coastal marine environments in Northwestern Hudson Bay: Chesterfield Inlet and Wager Bay (Ukkusiksalik National Park)			Édouard Bélanger	Space use and population dynamics of the declining Torngat Mountains caribou	Eric Solomon & Shelly Elverum	Addressing community research priorities through youth engagement and capacity building	Sarah Fortune	Evidence of year-round feeding for bowhead whales in the Eastern Canadian Arctic	Clara Morrisette-Boileau	Simulated caribou browsing limits the effect of nutrient addition on the growth of <i>Betula glandulosa</i> , an expanding shrub species in Nunavik, Canada	Robert Way	Spatial variability in permafrost conditions in Subarctic and Arctic Labrador
14:00	Kathleen Munson	Hudson Bay watershed: recent increases in fish mercury concentrations from historically impounded reservoirs of northern Manitoba	Amy Noël	Marine microbial hydrocarbon degradation in the Kitikmeot region: are the microbial responses and communities the same as elsewhere in the Arctic?	Jamie Snook	Transdisciplinary research of Torngat Mountains Caribou	Mercedes McLean	Connecting Inuit Knowledge with sea-ice research to better understand conditions for sea-ice freeze-up and break-up in Cambridge Bay, Nunavut	Stephen Insley	Seasonal patterns in ocean ambient noise near Sachs Harbour, Northwest Territories	Laurent Montagano (Marie-Andrée Giroux)	Importance of exchanges between ecosystems in the functioning of food webs: a meta-analytic approach	Grace Ma	Monitoring permafrost dynamics and the recovery of vegetation cover in recently burned lichen heath bogs in the Greater Wapusk Ecosystem
14:15	Zou Zou Kuzyk	Riverine organic matter entering Hudson Bay; can it inform us of change?	Leendert Vergeynst	Microbes degrading hydrocarbons at low temperatures: Untangling microbial community assembly and succession	Sabrina Plante	The cumulative impacts of human infrastructures on summer habitat use of migratory caribou	Devin Waugh	Traditional Ecological Knowledge of Beluga Whale (<i>Delphinapterus leucas</i>) in a Changing Climate in the Inuvialuit Settlement Region (ISR), NWT	Krista Kenyon	Narwhal Habitat Selection within their Wintering Ground	Serguei Ponomarenko (Donald McLennan)	Observations on the Past Dynamics of <i>Salix arctica</i> Dwarf Shrub on Suberic Sites – a Case Study for Retrospecting Monitoring	Ashley Rudy	Seasonal and multi-year surface displacements measured by DInSAR in a High Arctic permafrost environment
14:30	Céline Guéguen	Sr and ⁸⁷ Sr/ ⁸⁶ Sr in the coastal corridor in Southeast Hudson Bay	Casey Hubert & Gary Stern	GENICE: Microbial Genomics for Oil Spill Preparedness In Canada's Arctic Marine Environment	Melissa Galicia	Spatial differences in feeding habits of polar bears in Foxe Basin: possible shift in Arctic food web mediated by a new top predator	Amy Amos & Janet Boxwell	Research Priorities in the Gwich'in Settlement Area	Kyle Ritchie	Delayed spring sea-ice break-up leads to a lower effective number of breeders in ringed seals			Julien Fouché	Diurnal evolution of the temperature sensitivity of CO ₂ efflux in permafrost-affected soils under control and warm conditions
14:45	Annie Eastwood	Oceanographic Conditions under landfast Sea-Ice surrounding the Belcher Islands, Southeast Hudson Bay			Luana Sciallo	Long term trends in diet of female polar bears in western Hudson Bay	Chanda Brietzke	Springtime in the Mackenzie Delta: The sociocultural importance of muskrats to Gwich'in and Inuvialuit trappers						

Rooms:		1-2, 11-13		Presentation Theatre		Pan Am		Millenium		2E		Hall B		17	
HUDSON BAY 3 - MODELLING		IMPACTS OF ARCTIC MINING		ARCTIC WILDLIFE 2		PARTICIPATORY RESEARCH		BEAUFORT SEA ICE AND OCEAN REGIME 2		ARCTIC TUNDRA AND VEGETATION 3		IAC INUIT ARCTIC RESEARCH LEGACY WORKSHOP			
Chair:	Jennifer Lukovich	Chair:	Frank Tester	Chair:	Fabien Mavrot	Chair:	Noémie Boulanger-Lapointe	Chair:	Alexandre Forest	Chair:	Ross Brown	Chair:	Andrew Dunford		
15:30	Nathalie Thériault	Spatial and temporal variability of sea surface salinity from remote sensing in Hudson Bay	Anteneh Belayneh	Mining Economies, Mining Families: Extractive Industries and Business Development in the Canadian Sub-arctic	Jacqueline Verstege	Living on the edge: what encourages lemmings to overwinter on the dens of Arctic foxes?	Melanie Flynn	Participatory scenario planning and climate change impacts, adaptation, and vulnerability research in the Arctic	Christiane Dufresne	Observations and numerical modelling reveal recent seasonal and inter-annual patterns in the oceanography of the eastern Beaufort Sea (Canadian Arctic)	Neal Scott (Sean Arruda)	Impacts of enhanced temperature and snow deposition for seven years on vegetation cover, phenology, and CO ₂ exchange in the Canadian High Arctic	Michael Barrett Kativik Regional Government		
15:45	Sohidul Islam	Photochemical and Microbial Degradation of Dissolved Organic Matter in Hudson Bay Estuarine Systems (Canada)	Jonathan Tollefson	"We've spent more money on science than any project in the history of the world": Hard rock mining and resource materiality in Bristol Bay, AK	James Roth	Changing Arctic fox and red fox population dynamics as lemming cycles dampen at the Arctic's edge	Stephan Schott	Towards a Sustainable Fishery for Nunavummiut: The Integration of Traditional Knowledge with Western Science	Sergei Kirillov	Upwelling of Atlantic water along the Canadian Beaufort sea continental slope: favorable atmospheric conditions and seasonal and interannual variations	Isabelle Lussier	Impact of the recent increase in shrub cover on abundance and productivity of berries at Umiujaq (Nunavik)	John Cheechoo Inuit Tapiriit Kanatami		
16:00	Matthew MacDonald	Hudson Bay - Projected freshwater exports under future climate	Frank Tester	Beneath the Surface: Inuit miners at Rankin Inlet, 1957 - 1962 (movie)	Susan Kutz	Muskox Health Ecology: A global overview of the status, trends, threats and vulnerability of muskoxen in a changing Arctic	Tiff-Annie Kenny	The economics of diet and nutrition in the North: Results from a participatory food costing study in the Western Arctic	Jacoba Mol	The exchange of inorganic carbon on the Canadian Beaufort Shelf	Ross Brown	Changing Arctic terrestrial snow cover: an update of current understanding	Andrew Dunford Nunavut Tunngavik Inc.		
16:15	Stéphanie Bleau	How is Ouranos' Northern Environment program (2014-2019) addressing climate change impacts and adaptation? Mid-term status and results			Amy Johnson	The use of stable isotope analysis to determine temporal trends in polar bear (<i>Ursus maritimus</i>) foraging ecology in relation to climate conditions	Monique Bernier	Responsible research: addressing community concerns in a holistic approach. Building bridges between academics for improving the wellbeing of Inuit communities	Igor Dmitrenko	Wind-forced water dynamics over the eastern Beaufort Sea continental slope				Pitseaola Moss-Davies Inuit Circumpolar Council Canada	
16:30	Farahnaz Fazel-Rastgar	Atmospheric Circulation Responses to Sea Ice Decline on Hudson Bay			Daniel Gallant (Nicolas Lecomte)	Is human activity driving the presence of red foxes in the Arctic?	José Gérin-Lajoie	Community empowerment through Youth training: a collaborative biomonitoring of the George River water quality	Edward King	A belt of seabed erosion along the Beaufort Sea margin governed by Holocene evolution of the Beaufort shelf-break jet: geological evidence, current measurements and initial oceanographic modelling					Shannon O'Hara Inuvialuit Regional Corporation
16:45	Natasha Ridenour	Modelling freshwater dynamics in the Hudson Bay Complex using the ANHA4 configuration			Arnaud Mosnier	One for all and all for one, or how correlated behaviours impact abundance estimates in wildlife surveys	Kristeen McTavish	Public Participation in a Social Planning approach to Community Food Security: Case Study of the Community-Led Food Assessment Process in Nunatsiavut and Nunavut	Alexandre Forest	Fall upwelling events in the Canadian Beaufort Sea: atmospheric drivers, shelf-slope circulation and sediment resuspension					Carla Pamak Nunatsiavut Government
17:00	Jennifer Lukovich	On modeled sea ice dynamics in Hudson Bay													Kendra Tagoona Inuit Tapiriit Kanatami
													Rodd Laing Nunatsiavut Government		

A facilitated discussion on Inuit Research Legacy

**TOPICAL SESSIONS AT A GLANCE
FRIDAY, 9 DECEMBER**

Rooms:		1-2, 11-13		Presentation Theatre		Pan Am		Millenium		2E		5		2F	
		CLIMATE		ARCTIC WILDLIFE 3		HYDROLOGY		MONITORING AND MODELLING ICE ON THE OCEAN				ARCTIC NAVIGATION AND SAFETY			
Chair:		Chair:	Patrick Grenier	Chair:	Michael English	Chair:	Pieter Aukes	Chair:	Anna Crawford	Chair:		Chair:	James Parsons		
08:30		Patrick Grenier	Challenges in developing climate scenarios that meet Canadian Arctic user needs	Cynthia Resendiz	Heterogeneous long-term effects of a changing environment on the reproductive success of greater snow geese	Dan Hughes	Detecting spatial variation in hydrology and carbon export across a lake-rich thermokarst landscape (Old Crow Flats, Yukon, Canada)	Abigail Dalton	Monitoring iceberg movement in Baffin Bay			Natalie Carter	Infusing northern voices in the Northern Marine Transportation Corridors		
08:45		Maryam Takhsa	CRCMS dynamical downscaling over the CORDEX Arctic domain with empirical correction of CGCM-simulated sea-surface conditions	Emily Jenkins and Lasarusie Tukai	Needs for analyzing food safety risks for toxoplasmosis in wildlife harvested in Canada's North	Aly Toure	Distributed Snow Simulations for Quantification of Snow Accumulation Across an Arctic Shrub-tundra Landscape	Anna Crawford	High-precision surveying of drifting icebergs and ice islands			James Parsons	Application of a Formal Safety Assessment in Arctic Maritime Transportation		
09:00		Patricia Wells	Extending the weather record for Northern Ellesmere Island: Notes from the second Peary expedition to reach the North Pole, 1905-06	Sean Perry & Molly Ingemney	A comparison of fluctuating asymmetry using WhiskerPrint software as a marker of environmental stress in captive-born polar bears versus wild polar bears of the Western Hudson Bay population	Pieter Aukes	Dissolved Organic Matter, Disinfection Demand, and Northern Drinking Water	Nicholaus Zilinski	A Low-Cost, Modular Ice Mass Balance Buoy Design for Environmental Monitoring and Sea Ice Physics			David Driscoll (Rebecca Van Wyck)	Climate change is associated with increasing rates of unintentional injury in Alaska: evidence and implications		
09:15		Emilia Paula Diaconescu	Evaluation of CORDEX-Arctic daily precipitation and temperature-based climate indices over Canadian Arctic land areas	Michael English	Shifting home ranges of the Bathurst Caribou herd	Paul Dainard	Cycling of Dissolved Organic Matter in Permafrost and Glacial Melt Water Impacted Freshwater Systems of the Canadian Arctic	Jiacheng Zheng	Snow thickness estimation on first-year sea ice using microwave and optical remote sensing with melt modelling			Dylan Clark	Vulnerability to unintentional injuries associated with land-use activities and search and rescue in Nunavut, Canada		
09:30					Mallik Awan	Monitoring wolverines – non-invasive and community-based initiative	Gabriel Chiasson-Poirier	Flow paths and water sources during the thaw period of a hillslope underlain by permafrost, Apex River watershed, Iqaluit, NU	Xianmin Hu	Simulated Sea Ice Growth in the Canadian Arctic Archipelago Region: Round II					
09:45					Lynda Orman	Wildlife Research and Monitoring in Nunavut			John Mortensen	Ocean-glacier interaction for melting of Greenland glaciers					