

Tuesday, November 20 – Morning

Theatre 1 – Diamond Geology and Exploration

Chairs: Barrett Elliott (GNWT – NTGS) and Scott Cairns (GNWT – NTGS)

08:40 NWT Mineral Exploration and Mining Overview 2018 – H. Falck

09:00 Nunavut Mineral Exploration and Mining Overview 2018 – M. Senkow

09:20 The Thermochemical Conditions of the Diavik Lower Crust: A Kimberlite-Hosted Xenolith Study – B.H. Gruber*

09:40 Update on the Slave Province Geophysical, Surficial Materials and Permafrost Study Update – Revitalizing Mineral Exploration and Facilitating Sustainable Development in a Key Economic Region – B. Elliott

10:00 2018 Kimberlite Discoveries at the Loki (Lac de Gras, NT) and Mel (Melville Peninsula, NU) Diamond Projects – M. MacMorran

10:20 Coffee Break

10:40 The Utility of Clinopyroxene in Diamond Exploration – S. Creighton

11:00 Airborne MAG/EM Data Integration of Slave Province Kimberlites, NWT – H. Ugalde

11:20 Till Geochemistry and Lithogeochemical Exploration for a Concealed Kimberlite – A.P. Wickham*

11:40 Direct Discovery of Concealed Kimberlites with Microbial Community Fingerprinting – B.P. Iulianella Phillips*

12:20 Official Opening (Multiplex Gymnasium -41 Kam Lake Road)

* Student Presentation

Tuesday, November 20 – Morning

Theatre 2 – Impacted Environments

Chairs: Jennifer Galloway (GSC – Ottawa) and Hendrik Falck (GNWT – NTGS)

- 09:00 SAMMS: The Subarctic Metal Mobility Study – M. English
- 09:20 Arsenic Mobility in Lake Sediments during Late-Holocene Climate Warming: Implications for Geochemical Baselines and Contaminant Stability in a Changing Northern Climate
– C. Miller*
- 09:40 Arsenic from Legacy Roaster Emissions in Soils in the Yellowknife Area – H.E. Jamieson
- 10:00 Organic Matter Control on the Distribution of Arsenic in Lake Sediments Impacted by ~65 Years of Gold Ore Processing in Subarctic Canada – J.M. Galloway
- 10:20 Coffee Break
- 10:40 Controls on the Spatial Distribution of Arsenic Concentration and Solid-Phase Speciation in Long Lake Sediments – C.E. Schuh*
- 11:00 The Mobility of Arsenic in the Watershed of a Small Subarctic Lake Impacted by Mining Pollution: What Does This Mean for the Long-Term Fate of Arsenic in the Yellowknife Area? – M.J. Palmer*
- 11:20 Remobilization of Legacy Arsenic from Contaminated Sediment in Yellowknife Bay
– J. Chételat
- 11:40 Key Aquatic Primary Producers Track the Impacts of Metal Pollution and Local Land-Use Changes in Climatically Sensitive Subarctic Lakes around the City of Yellowknife
– B. Sivarajah*
- 12:20 Official Opening (Multiplex Gymnasium -41 Kam Lake Road)

* Student Presentation

Tuesday, November 20 – Morning

Theatre 3 – Regulatory and Policy Updates

Chairs: Cathleen Knotsch (GNWT – MRP) and Tejas Kashyap (GNWT – MRP)

- 08:40 Enhancing the Environmental Impact Assessment Process - an Update from the Mackenzie Valley Environmental Impact Review Board – M.A. Cliffe-Phillips
- 09:00 Estimating the Cost of Closure and Reclamation: Guidelines for Mines in the Mackenzie Valley – R. Fequet
- 09:20 Co-Management and Crown Consultation – Where Have We Gotten To? – J. Donihee
- 09:40 Top 5 Developments in Indigenous, Environmental and Regulatory Law in the Northwest Territories in 2018 – T. Kruger
- 10:00 Tłıchq̓ Consultation and Engagement Guidelines – G. Gibson
- 10:20 Coffee Break

Theatre 3 – Innovation, Community Engagement and Education

Chairs: Landen Powell (GNWT – NTGS)

- 10:40 Sparking the Interest of Young Northern Women for Northern Careers in Geology, Engineering and Mining – K.J. Nokleby
- 11:00 Socio-Economic Development: Applying the Gender Lens – K. Brenton
- 11:20 Increasingly Social License to Operate Requires Projects to Avoid Carbon Based Energy – D.M. Connelly
- 12:20 Official Opening (Multiplex Gymnasium -41 Kam Lake Road)

* Student Presentation

Tuesday, November 20 – Afternoon

Theatre 1 – Diamond Geology and Exploration

Chairs: Barrett Elliott (GNWT – NTGS) and Scott Cairns (GNWT – NTGS)

- 14:40 Re-Thinking Diamond Exploration Tactics in the Slave Province: A Surficial Geology Perspective – D.A. Sacco
- 15:00 Orphan and Elusive Glacial Dispersal Trains from Kimberlites in the Lac de Gras Area – M. Ross
- 15:20 New Public Release of 1:50 000 Scale Surficial Mapping and a Deglaciation History of the Southern Slave Geological Province: A Major Data Donation – P.X. Normandeau
- 15:40 Tracing the Formation and Abundance of Superdeep Diamonds – M.E. Regier*
- 16:00 Surface and Subsurface Till Characteristics in a Drumlin Field South of Lac de Gras, NT; Implications for Drift Prospecting – R.A. Stirling*
- 16:20 GEM-2 Glacial Synthesis Project: Highlights Of 2018 Field Activities in the Healey Lake Area, Northwest Territories and Nunavut – J.E. Campbell

* Student Presentation

Tuesday, November 20 – Afternoon

Theatre 2 – Environmental Monitoring and Research

Chairs: Julian Kanigan (GNWT – ENR, NWT CIMP) and Timothy Ensom (Wilfrid Laurier University)

- 14:40 Evaluating the Hydrology of Northern Boreal Lakes Near Yellowknife, Northwest Territories and Their Response to Varying Catchment and Climatic Conditions – J.A. Viscek*
- 15:00 Are Wildfires an Important Source of Metal Contamination of Boreal Lakes? – J.C. Vermaire
- 15:20 The Application of Paleolimnological Methods and Geochemical Normalization to Establish Baseline Conditions for Metal Contaminants in Advance of Proposed Mining, Marian Watershed, Northwest Territories, Canada – J.V. Telford*
- 15:40 Marian Watershed Stewardship Program – T.K.P. Knapton-Pain
- 16:00 “Made in the North”: Using Adaptive Approaches to Manage Remediation Projects in Dynamic Northern Environments at the Bullmoose-Ruth Remediation Project – T. Testart
- 16:20 Remediation Approaches at Kwetłı̄ʔaà (Rayrock) Mine
– T. Steinwand, J. Kuntz, and J. Judas

* Student Presentation

Tuesday, November 20 – Afternoon

Theatre 3 – Innovation, Community Engagement and Education

Chairs: Landen Powell (GNWT – NTGS)

- 14:40 Trusting the Land Again: Combining Western Science and Traditional Knowledge to Understand Lakes in the Area of the Former Rayrock Uranium Mine, NT – A. Richardson
- 15:00 The Mine We Want to See – a Perspective on Sustainable Mining in Canada’s North – K. Gustavson
- 15:20 Twenty Years at the Ekati Diamond Mine: Corporate Social Responsibility in Action – C. Lee
- 15:40 Mining Matters Indigenous Communities Education and Outreach Programs – L.A. Clinton
- 16:00 Advancing Social Licence in a Complex Environment: Yellowknife City Gold Project – D.M. Connelly
- 16:20 2018 Introduction to Prospecting Courses – J. Blain

* Student Presentation

Wednesday, November 21

Theatre 1 – Geoscience and Exploration

Chairs: Beth Fischer (GNWT – NTGS) and Edith Martel (GNWT – NTGS)

- 08:40 Northwest Territories Geological Survey Overview for 2018 – J.W.F. Ketchum
- 09:00 Activities of the Canada-Nunavut Geoscience Office 2018 – L.J. Ham
- 09:20 The Fury and Hecla Geoscience Project: Overview of the 2018 Regional Bedrock Mapping and Thematic Research – A. Ielpi
- 09:40 New Age Constraints on Crust Formation, Provenance and Timing of Sedimentation, Boothia Peninsula-Somerset Island, Nunavut, Canada – D. Regis
- 10:00 Geochemical and Sm/Nd Isotopic Characterization of Post-Tectonic Granitoids of Boothia Peninsula, NU: Implications for the Extent of the Hudson Granites – A. Osinchuk*
- 10:20 Coffee Break
- 10:40 Preliminary Results of Reconnaissance-Scale Bedrock Mapping and U-Pb Geochronology in the Nonacho Lake Area (NTS 75F), South Rae Craton, Northwest Territories – B. Neil*
- 11:00 Bedrock Mapping in the Jolly Lake Area: A New Look at the >3.0 Ga Basement Granites and Their Relationships to the Central Slave Cover Group and the Northern-Most Beaulieu River Volcanic Belt – B. Knox
- 11:20 Archean and Proterozoic Age Distributions in Detrital Zircons Recovered from Pleistocene Esker Systems in the Acasta Gneiss Complex, NWT – G. Bilak*
- 11:40 Sedimentology and Stratigraphy of the Husky Creek Formation, Nunavut, Canada – R. Meek*
- 12:00 Metal Earth Project; Progress to Date – R.L. Sherlock

* Student Presentation

Wednesday, November 21

Theatre 2 – Mining Updates

Chairs: Tom Hoefer (NWT and NU Chamber of Mines) and Philippe Normandeau (GNWT – NTGS)

08:20 Emerging Technologies and Future Commodities – T. Kashyap

08:40 Cobalt from the DRC: Potentials, Risks and Significance for the Global Markets and the Potential of an Increase in Canadian Cobalt Production – U. Naeher

09:00 Fortune Minerals Limited NICO Project Update – R. Schryer

09:20 Osisko Metals – Exploring Two Significant Base Metal Camps – J. Hussey

09:40 Update on the Mon Gold Project; Exploration around a Past Producing Gold Mine
– D.R. Webb

10:00 Sustainably Advancing Resource Development Projects in Canada (Seabridge) – E.F. Miller

10:20 Coffee Break

10:40 High-Grade Iron Ore Deposits at Mary River North Baffin Island, Nunavut – T. Iannelli

11:00 Diavik Diamond Mine Update – W. Haley

11:20 The Transformation of De Beers Canada – E. Madsen

11:40 Ramping Up from Construction to Operations: Lessons Learned at Gahcho Kué Diamond Mine
– A. Rodel

12:00 Bridging the Gap through Care and Collaboration: Before Closure and after Production
– M.H. Peters

* Student Presentation

Wednesday, November 21

Theatre 3 – Regulatory and Policy Updates

Chairs: Cathleen Knotsch (GNWT – MRP) and Tejas Kashyap (GNWT – MRP)

09:00 Northwest Territories Surface Rights Board – L.A. Azzolini

09:20 The Northwest Territories “Line of Delimitation” A Product of Devolution – Designed Use vs. Interpreted Uses – S.K. Johnston

09:40 IBAs – to Regulate or Not: What is the Rest of Canada Doing? – J. Abouchar

10:00 Land Use Planning in Wek’èezhìi: An Update – D. Phillpot

10:20 Coffee Break

10:40 Update on the Proposal for a Northwest Territories Mineral Resources Act – L. Faryna

11:00 The Canadian Minerals and Metals Plan – R.G. Sinclair

11:20 Transportation Corridors and Access to Resources in the Northwest Territories – R. Neudorf

11:40 Northwest Territories Environmental Studies Research Fund: Funding Research in the NWT Related to the Petroleum Industry – K.F. Hansen

12:00 Update on Recent and Planned Activities of the Office of the Regulator of Oil and Gas Operations (OROGO) – J. Fulford

* Student Presentation

POSTER SESSION

WEDNESDAY AFTERNOON – November 21

Theater Lobby

Capitol Theater

12:20 to 16:00

Session: Posters

Chairs: Kumari Karunaratne and Gideon Lambiv Dzemua

Northwest Territories Geological Survey Geophysical Activities, 2018-2019 – A.M. Mirza [#15]

2018 Geological Work in the Caribou Pass area, NTS 105P – B.J. Fischer [#16]

Geochemistry of the Lucky Lake W-Zn-Pb skarn deposit, NWT, Canada: Epithermal overprinting of magmatic hydrothermal systems – H. Falck [#17]

Diamond Potential of the Dehcho Region – B. Elliott [#18]

Salt Deposits of the Northwest Territories – G. Lambiv Dzemua [#19]

Mineralogy, Scheelite Liberation and Scheelite Particle Size in Tailings from the Cantung Tungsten Mine – H.E. Jamieson [#20]

Wednesday, November 21
Theatre 2 – Poster Soap Box Talks
Chair: Gideon Lambiv Dzemua

Time	
13:00	New Trends in Gold Mineralization Investigated at the Yellowknife City Gold Project Using Synchrotron X-ray Spectroscopy — R.J. Botor [#1]
13:07	Structural Analysis and Characterization of Auriferous Quartz Veins of the Ptarmigan and Tom Gold Deposits, Yellowknife, Northwest Territories, Canada — M. Richardson [#2]
13:14	Petrologic and Geochemical Characterization of a Carbonate-Bearing, Amphibole-Phyric Intrusion at Hjalmar Lake, South Rae Craton, Northwest Territories: Preliminary Results — R. Canam [#3]
13:21	Lithostratigraphy of the Sunset Rhyolite, Cameron-Beaulieu Volcanic Belts, Slave Province — S.B. Austin-Fafard [#4]
13:28	Uranium-Lead Zircon Geochronology of Granitoids near Jolly Lake, Slave Craton, Northwest Territories — S.D. Stone [#5]
13:35	Petrographic Analysis of Syn- to Post-Tectonic Granitic Dykes in the Yellowknife Greenstone Belt, NWT: Evidence for Late-Stage H ₂ O-Rich Fluids — S.C. Speight [#6]
13:42	Volcanic Stratigraphy and Alteration of the Sunrise Volcanogenic Massive Sulfide Deposit, Beaulieu Volcanic Belt, Northwest Territories — A.M. Oberland [#7]

14:00-15:00 Keynote Address –Theater 1

Wednesday, November 21
Theatre 3 – Poster Soap Box Talks
Chair: Kumari Karunaratne

Time	
13:00	Factors Controlling Tungsten Mobility in Cantung Mine Tailings — B.G. Kazamel [#8]
13:07	Community Focused Thermokarst Mapping to Inform Geohazard Assessments and Future Permafrost Thaw Risk — C. Gibson [#9]
13:14	Tracking Legacy Pollution: Assessing Spatiotemporal Patterns of Arsenic and Other Metals in Sub-Arctic Lakes Using Paleolimnology — I. Jasiak [#10]
13:21	Ichnological Expressions of Low Oxygen Settings: An Integrated Ichnological and Sedimentological Analysis of the Canol Formation, Northwest Territories, Canada — S.K. Biddle [#11]
13:28	Upper Mantle Structure Underlying the Diamondiferous Slave Craton from Teleseismic Body-Wave Tomography — C. Esteve [#13]
13:35	Bulk Organic Geochemistry and U-Pb Zircon Geochronology of the Wombat Sedimentary Fill — S. Buryak [#14]
13:42	Increased Recovery of Diamonds from Eclogite by Electrical Pulse Disaggregation — H. Ali [#15]

14:00-15:00 Keynote Address –Theater 1

Wednesday, November 21 – Afternoon

Theatre 1 – Keynote Presentation

14:00-15:00

From Iceland to Indonesia: Understanding the Slave Craton from a Modern Geological Context

Dr. Jesse Reimink

Postdoctoral Fellow

Department of Terrestrial Magnetism

Carnegie Institution for Science

Washington, DC

Abstract

The formation of continental crust makes Earth unique in our solar system. Yet, despite the importance of the continents for the evolution of the atmosphere, hydrosphere, and life, the mechanism and timing of continental growth throughout Earth history is poorly known. The presently exposed continental crust has an age distribution that would suggest most of the mass grew relatively recently. However, the planet is constantly reworking itself, so age distributions are biased towards young ages. Therefore, geochemists must turn to isotopic tracers to infer the amount of crustal reworking that has occurred to form the presently exposed, or previously eroded, continental crust.

The Slave craton, in the NWT, Canada, is in many ways a classic Archean craton. One reason for this is that the Slave craton preserves an extensive history of crust formation, spanning from 4.02 Ga to 2.58 Ga. This talk will focus on the petrology and isotope geochemistry of the oldest preserved rocks in the craton, rocks which form the deformed basement gneiss complex. These rocks preserve the oldest history of the craton and form the substrate upon which later geologic events occurred. Our record of crust formation indicates that the Slave craton basement gneisses record a major change in the mechanism of crust formation, a transition that represents a change from internal reprocessing in a setting analogous to modern Iceland, to crust formation in a setting more similar to modern continental-margin settings. This data is discussed in the context of global paradigms for crust formation throughout Earth history.

Biography

Jesse is currently a Postdoctoral Fellow at the Carnegie Institution for Science's Department of Terrestrial Magnetism in Washington DC. While at Carnegie he is working on a variety of problems including the genesis of continents on the early Earth as well as technique developments aimed at increasing the precision of isotope-ratio measurements. Before this he obtained his PhD from the University of Alberta while working on the geochemistry of the Acasta Gneiss Complex, in collaboration with the Northwest Territories Geological Survey. Next fall Jesse will start as an assistant professor at Pennsylvania State University.

Wednesday, November 21 – Evening

Prince of Wales Northern Heritage Centre (PWNHC)

Charles Camsell Lecture

(Sponsored by NAPEG) – open to the public (free)

A “WHAT IF” History of Yellowknife

Ryan Silke

Historian, Yellowknife Historical Society

Yellowknife, Northwest Territories

Abstract

From rocks to riches...Yellowknife's success has been in part thanks to the minerals beneath our feet. But what if the gold credited with kick-starting the community back in 1934 never existed? What if the city lost its bid to become capital of the NWT in 1967? What if the diamond deposits that have sustained our economy for the past twenty years were never found? This unconventional talk looks at the keystone events in Yellowknife's history and then discusses the consequences on the community if they did not happen.

Presented in support of the Yellowknife Historical Society's community museum project at Giant Mine.

Biography

Historian Ryan Silke was born and raised in Yellowknife. He has spent most of his adult life exploring the north for material remains of human activity on the landscape, documenting old mines and prospecting camps, and abandoned settler and indigenous communities. A founding member of the Yellowknife Historical Society, Silke now works as a curatorial assistant at the Prince of Wales Northern Heritage Centre. He has published several books on local Yellowknife history.

Thursday, November 22 – Morning

Theatre 1 – Geoscience and Exploration

Chairs: Beth Fischer (GNWT – NTGS) and Edith Martel (GNWT – NTGS)

- 08:40 Clustering Based Anomaly Detection for Exploration Geochemistry – F.A. Cabral Pinto*
- 09:00 Cantung Tungsten Mineralization: Long and Short Range Signature in Pelitic Rocks
– P. Lecumberri-Sanchez
- 09:20 TerraX Minerals Inc. – Yellowknife City Gold Project - Update on Drilling – A. Sexton
- 09:40 New Insights into Barren and Au-Mineralized Intrusions Using Whole Rock and Trace Element Geochemistry from the Yellowknife Greenstone Belt, NWT – S.C. Speight*
- 10:00 Structural Setting of the Cantung W-Cu-Au Deposit: An Interaction between Regional Deformation and Pluton Emplacement – E. Salmabadi*
- 10:20 Coffee Break
- 10:40 Update on the Clan Lake Gold Project; Exploration around a 250,000 Ounce Gold Resource
– D.R. Webb
- 11:00 Seabridge Discovers New Gold Zones at Courageous Lake – M.A. Adam
- 11:20 Gold Mineralisation at the FAT Deposit, Courageous Lake, Northwest Territories – M.A. Adam
- 11:40 Indin Lake Gold Project – 2018 Colomac Update – W. Waychison
- 12:00 A Different Approach Interpreting the Geological Structures Controlling Gold at the Cabin Lake Project, NWT, Canada – R. Sanabria
- 12:20 Stream Sediment Geochemistry and Heavy Minerals, Southern Mackenzie, NT – S.J.A. Day

* Student Presentation

Thursday, November 22– Morning

Theatre 2 – Energy in Canada’s North

Chairs: Kathryn Fiess (GNWT – NTGS) and David Mahon (GNWT – Infrastructure)

- 08:20 2018-19 Activity Update – Petroleum Geosciences Group – K.M. Fiess
- 08:40 Shale Basin Evolution Project – Summary of Results of the 2016 and 2018 Field Seasons
– V. Terlaky
- 09:00 Applying Chemostratigraphic Data to Establish a Sequence Stratigraphic Framework: An Example from the Devonian Canol Formation
– M.T. LaGrange Rao*
- 09:20 A Sequence Stratigraphic Framework Based on High-Resolution Chemostratigraphy and Sedimentology of the Hare Indian Formation, Central Mackenzie Valley, Northwest Territories
– B. Harris*
- 09:40 Conventional Resource Gas Mapping Project – K.M. Fiess
- 10:00 Geothermal Energy Potential of Northwest Territories – S.E. Grasby
- 10:20 Coffee Break
- 10:40 Geothermal Energy Potential in Yukon: Results of Recent Studies by Yukon Geological Survey
– T.A. Fraser
- 11:00 The Geothermal Potential of Remote Regions; a Case Study of Anticosti Island, Québec (Canada) – J. Raymond
- 11:20 Hybrid Energy Systems: Delivering Reliable Heat and Power in Remote Locations
– M.B.D. Dusseault
- 11:40 Sustainable Development for Northern Canada Based on Enhanced and Integrated Geothermal Systems – S.B.M. Mahbaz
- 12:00 The University of Regina Geothermal Project in Saskatchewan – J.E. Dale
- 12:20 Economic Factors and Their Implications for the Development of a Commercially Viable Geothermal Project – C. Hickson

* Student Presentation

Thursday, November 22 – Morning

Theatre 3 – Environmental Monitoring and Research

Chairs: Julian Kanigan (GNWT – ENR, NWT CIMP) and Timothy Ensom (Wilfrid Laurier University)

- 08:40 Contaminant Exposure History of Yellowknife Bay Fish from Otolith Microchemistry Analysis
– C. Sibbald
- 09:00 Results of the Tundra Mine, NT Revegetation Trial Using Locally Harvested Pioneer Species
Instead of Grass Seed and Fertilizer – M. Hewitt
- 09:20 Update on the Bioengineering Techniques for Revegetation of Riparian Areas at the Colomac
Mine, NT: Seven Years Later – M. Hewitt
- 09:40 Waste Rock Management at Pine Point – J. Hussey
- 10:00 Short Hold Time Parameters – L. Simpson
- 10:20 Coffee Break
- 10:40 Permafrost and Terrain Research for the Dempster and Inuvik-Tuktoyaktuk Highway
Infrastructure Corridors – S.V. Kokelj
- 11:00 Hydrothermal Regime of Stream Channels – Tuktoyaktuk Coastlands and Anderson Plain
– T.P. Ensom*
- 11:20 Compilation of Northwest Territories Permafrost Data – K.C. Karunaratne
- 11:40 Phase Change and Water Movement in Shallow Permafrost Inferred from Borehole
Observations of Liquid Water Content and Temperature near Yellowknife, Canada – S. Gruber
- 12:00 Application of Diurnal Phase Lag Analysis to Calculating Thermal Diffusivity Series and Early
and Late Winter N-factors – S. MacDonald*
- 12:20 Large Scale Industry Collaboration to Evaluate the Status of Grizzly Bear Populations in the
Slave Geological Province – B. Milakovic

* Student Presentation

Thursday, November 22 – Afternoon

Theatre 1 – Geoscience

Chairs: Beth Fischer (GNWT – NTGS) and Edith Martel (GNWT – NTGS)

14:40 Update on the Exploration Program at Pine Point – S.G. Clemmer

15:00 Hydrothermal Fluid Sources and Pathways in a World Class Mississippi Valley-Type Lead-Zinc District: Pine Point – M. Steele-Macnnis

15:20 Hydrothermal and Metamorphic Fluid-Rock Interactions Associated with Direct Shipping Iron Ore in the Mary River Group, North Baffin Island – J. Hey

15:40 Inventory of Donated Historical Northwest Territories Exploration and Mining Records
– E. Palmer

* Student Presentation

Thursday, November 22 – Afternoon

Theatre 2 – Energy in Canada's North

Chairs: Kathryn Fiess (GNWT – NTGS) and David Mahon (GNWT – Infrastructure)

14:40 Crossing Great Slave Lake – Examining the Potential for Submarine Cables and HVDC Technology – A. Stewart

15:00 Enbridge Line 21 Segment Replacement Project – P.H. Hestvik

15:20 Liquefied Natural Gas for Powering Northern Communities and Industry – T. Balaski

15:40 Energy Resilience and Independence for Canada's North – R. Rivard

* Student Presentation

Thursday, November 22 – Afternoon

Theatre 3 – Environmental Monitoring and Research

Chairs: Julian Kanigan (GNWT – ENR, NWT CIMP) and Timothy Ensom (Wilfrid Laurier University)

14:40 Long-Term Monitoring Finds No Effect of an Arctic Mine on Migratory Birds – L. Bol

15:00 Comparing the Measurements of Airborne Particulate Matter around a Mine and an Ambient Site within the Bathurst Caribou Summer Range – W.J. Chen

15:20 Passive Monitoring for Wildlife: Lessons Learned from 10 Years of Camera Monitoring – G. Sharam

15:40 Boots on the Ground – Caribou Monitoring – P. Jacobsen, T. Steinwand, and J. Judas

* Student Presentation