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### Cold Regions Conference: DAY 1

Time (EST)	Thursday, November 24, 2022
<p><b>9:15-10:15</b></p>	<p><b>Session 1: Modelling species and/or habitat distributions</b></p> <p><i>Regional muskox density in the Northwest Territories</i>  <b>Charlotte Rentmeister</b></p> <p><i>Investigating the hydrologic impacts of increasing beaver activity on lakes and streams in the Inuvialuit Settlement Region</i>  <b>Dilshan Kariyawasam</b></p> <p><i>Implications of Beaver Dams on the hydrology of Arctic Watersheds</i>  <b>Jackson Seto</b></p> <p><i>Multispecies modelling of an ecologically intact protected area, Thaidene Nënë Indigenous Protected Area, NWT</i>  <b>Eric Jolin</b></p>
<p><b>10:30-11:45</b></p>	<p><b>Session 2: Snow and Ice Monitoring</b></p> <p><i>Changes in the Shallow Firn Layer of Devon Ice Cap, Nunavut between 2011 to 2022</i>  <b>Danielle Halle</b></p> <p><i>Innovative approaches to monitoring lake snow in Canada's Sub-Arctic</i>  <b>Alicia Pouw</b></p> <p><i>Air-snow-ice-water interactions and variability in northern lakes</i>  <b>Arash Rafat</b></p> <p><i>Using CSA SWOT Lake Altimetry Data to Advance the Understanding and Modelling of Thermokarst lakes and Lake Networks in the Canadian Arctic</i>  <b>Alexander Fogal</b></p> <p><i>Bulk Snow Density Estimates from Passive Microwave Remote Sensing and Automatic Weather Stations</i>  <b>Jeffrey Welch</b></p>
<p><b>11:45-12:30</b></p>	<p>Break</p>

<p><b>12:30-14:00</b></p>	<p><b>Session 3: Disturbance impacts on ecosystems and species</b>  <i>The drying of the Arctic and future changes: a case study from the Western Canadian Arctic</i>  <b>Brampton Dakin</b>  <i>Post-fire changes in sub-canopy radiation and permafrost degradation at Scotty Creek, NWT, Canada</i>  <b>Maude Auclair</b>  <i>Indigenous Resurgence and Settler Accumulation: a discussion of environmental stewardship &amp; colonial economies</i>  <b>Ryan Planche</b>  <i>A participatory mapping approach to Indigenous Protected and Conserved Area monitoring and management in Sambaa K'e First Nation, Northwest Territories, Canada</i>  <b>Michael McPhee</b>  <i>Effect of Rare Earth Elements Nd, Pr and Y, Individually and in Mixtures to Daphnia magna</i>  <b>Celine Do</b>  <i>Characterization of growth and the GH-IGF1 pathway in juvenile mummichog (Fundulus heteroclitus) exposed to ammonium chloride</i>  <b>Olena Kuntj</b></p>
<p><b>14:00 - 15:00</b></p>	<p><b>3-minutes Talk</b>  Stuart Anderson, Elise Brown-Dussault, Maria Belke Brea, Jocelyn Biro, Claire O'Brien, Claudia Haas, Caitlyn Lyons, Ida Moalemi</p>
<p><b>15:00 – 15:00</b></p>	<p>Break</p>
<p><b>15:10 - 16:15</b></p>	<p><b>3-minutes Talk</b>  Madeline Patenall, Nicole, Andreola, Gabriel, Spizzirri, Iain Thomson, Nadia Abumazen, Daniela Klicper, Ali Reza Shahvaran, Laura Anderson, Malcolm Brockett, Eric Leonard</p>
<p><b>16:15 – 16:30</b></p>	<p>Break</p>
<p><b>16:30-18:00</b></p>	<p><b>Keynote</b></p>
<p><b>18:30</b></p>	<p><b>Social at Veritas</b></p>

## Cold Regions Conference: DAY 2

Time (EST)	Friday, November 25, 2022
9:15-10:30	<p><b>Session 4: Hydrology &amp; Water Quality</b></p> <p><i>Pairing isotopic and direct measurements to capture both dimensions of a water balance</i>  <b>Evan Wilcox</b></p> <p><i>Future climate may enhance arsenic release from mining pollution-affected peatlands near Yellowknife, NT</i>  <b>Jeremy Leathers</b></p> <p><i>An integrated framework for monitoring water quantity, water quality and contaminant deposition at lakes across the Peace-Athabasca Delta (Alberta, Canada)</i>  <b>Laura Neary</b></p> <p><i>Hydrological and limnological trajectories of shallow lakes in a northern delta over space and time since 2015</i>  <b>Arisha Imran</b></p>
10:45-11:45	<p><b>Session 5: Remote Sensing of Cold Regions</b></p> <p><i>The Role of Climate Change on Algal Biomass</i>  <b>Michael Dallosch</b></p> <p><i>Monitoring Lakes Surface Temperature in the North Slave Region, NWT using remote sensing</i>  <b>Gifty Attiah</b></p> <p><i>Passive Microwave Sea Ice Edge Estimation over the Eastern Canadian Arctic</i>  <b>Armina Soleymani</b></p> <p><i>Snow Observations from Above: Mapping Spatial Heterogeneity of Snow for Polygonal Terrain using Drones</i>  <b>Branden Walker</b></p>
11:45-12:45	Break
13:00-15:00	<b>Working with Indigenous Communities workshop</b>
15:00-15:15	Break
15:15-16:45	<b>Keynote</b>
16:45 -	<b>Social Event</b>

