

## Wednesday, April 6, 2022

	Start Time	Presenter	Talk Title:
<b>Geobiology</b>	10:00 AM	Hayley Drapeau	Organic carbon and microbial dynamics across glacierized watersheds in the Canadian Rockies
	10:20 AM	Maya LaGrange Rao	Biological productivity and primary producers recorded in the depositional record from Middle to Late Devonian mudstones of the Horn River Group, Northwest Territories
	10:40 AM	Jenifer Spence	Microbial community composition in the Canadian Arctic Archipelago marine system
	11:00 AM	Patrick White	Examining the impacts of glacier-derived nutrient sources on marine phytoplankton in the Canadian High Arctic
On Zoom and streamed to Tory 3-36	11:20 AM	Break (40 min)	
	<b>12:00 PM</b>	<b>Professor Alan Robock</b>	Climatic and Humanitarian Impacts of Nuclear War
	1:00 PM	virtual Q&A session with Dr. Robock	
	2:00 PM	Break (40 min)	
<b>Water and Ice I</b>	2:40 PM	Marcus Kehler	Understanding the role of regional groundwater flow on water resources in the Edmonton region
	3:00 PM	Yinlong Huang	Assessing physical drivers of drought propagation from snow to groundwater in western Canada
	3:20 PM	Amanda Kotila	Comparison and calibration of a temperature-index based coupled glacier mass balance dynamic evolution model and applications in regional melt projections
	3:40 PM	Kasia Staniszewska	A snapshot of mercury sources and transport in the Yukon River Basin
	4:00 PM	End of Day	

## Thursday, April 7, 2022

	Start Time	Presenter	Talk Title:
<b>Geological Modeling and Remote Sensing</b>	10:00 AM	Arzu Acikelli	3D Outcrop Modelling, Facies, and Ichnofacies Interpretations of the Lower Cretaceous Falher Member
	10:20 AM	Daoheng Wang	Thermodynamic Models: Advancing Understanding of High Degree of Melt Depletion in Mantle Peridotites
	10:40 AM	Qi Chen (virtual)	Using 3D photogrammetric outcrop model to recognize genetically related depositional packages in the Lower Cretaceous McMurray Formation at Christina River Outcrop, NE Alberta, Canada
	11:00 AM	Break (1 hr)	
<b>EDI Workshop: Alberta's Leaky Pipeline: the Education Brain Drain</b>	<b>12:00 PM</b>	<b>Panelists</b>	Dr. Damian Collins
			Dr. Carrie Smith
			Dr. Murray Gingras
			Dr. William Yimbo
	1:00 PM	Break (40min)	
<b>Geochemistry</b>	1:40 PM	Serhiy Buryak	Zircon U-Pb and U-series dating of Quaternary tephra beds in eastern Beringia
	2:00 PM	Miranda Holt	Fe-Ni Sulfide Mineralogy of Tagish Lake and Other Carbonaceous Chondrites
	2:20 PM	Kan Li	Intraslab remobilization of nitrogen during early subduction facilitates deep nitrogen recycling: insights from the blueschists in the Heilongjiang Complex in NE China
	2:40 PM	Spencer Poulette	Muscovite-bearing Fluid Inclusions from Salmita Mine, NWT
	3:00 PM	Break (30min)	
<b>Undergraduate Poster Session</b>	3:30 PM	Gala Freeman Peters	Comparison of sclerobiont communities between three brachiopod host species from the Ordovician Fairview Fm.
		Andre Truksa	A Phenological Analysis of Elk Island National Park using Satellite Imagery

		Adam Halverson	Glass Geochemistry, Stratigraphy and Distribution of the late Holocene Mount St. Helens Set P Tephra
		Samantha Nicol	Classification and Description of Brachiopod Repair Scars
		Ryusuke Kimitsuki	The early diagenesis of clay minerals in the presence of organic matter
	4:30 PM	End of Day	

## Friday, April 8, 2022

	Start Time	Presenter	Talk Title:
Tory 3-36	<b>9:00 AM</b>	<b>Mr. Joshua Culling</b>	Planning without a Template: The Wabamun Lake Area in Parkland County
	9:45-10:30am	Q&A coffee social with Mr. Joshua Culling	
	10:30 AM	Break (1 hr 30 min)	
Tory 3-36	<b>12:00 PM</b>	<b>ATLAS talk: Dr. Kyle Whitfield</b>	
<i>People: Their Systems and Environments</i>	1:00 PM	Hannah Graham	"Moving in Data": The Open Data Gaze and Data-Driven Urbanism in the Entrepreneurial City
	1:20 PM	Nicklas Baran	Ecosystem service values and green infrastructure implementation in urban planning and development
	1:40 PM	Fiona Long	Homelessness and COVID-19: A Comparative Approach
	2:00 PM	Bogdan Kapatsila	Transportation accessibility dilemma in Edmonton. Should we use cumulative or gravity-based measures?
	2:20 PM	Break (20 min)	
<i>Water and Ice II</i>	2:40 PM	Pouya Khalili	Assessment of the impacts of climate change on regional blue and green water endowments: implications for food production and export potentials in Canadian Prairies
	3:00 PM	Brielle Andersen	Resistivity of buried valley aquifers in the Edmonton region using near surface geophysics
	3:20 PM	Jillian Lightbown	Examining the relationship between water quality and land use in the North Saskatchewan River basin
	3:40 PM	Tahya Weiss-Gibbons	Impact of runoff forcing on ocean model simulations in the PanArctic region
	4:00 PM	End of Day	
Orion Room Lower Level SUB, Room 0-51 8900 114 St NW, Students' Union Building	<b>7:00 PM</b>	<b>Symposium Banquet</b>	