



GEOHERMAL ENERGY IN CANADA

Development in Remote, Isolated, and Indigenous Communities

Free
Registration

JULY 27 - 28, 2023



This 1.5-day hybrid (in-person and online) workshop will be held at the University of Waterloo on July 27 and 28, 2023. The workshop will explore current activities/developments in all geothermal technologies being used or considered in Canada—focusing mainly on its development and implementation in **remote, isolated, and indigenous communities**. From this meeting, we will generate a synthesis outlining pathways to greater adoption of this green source of energy. Hence, we invite researchers, scholars, policy-makers, company representatives, and others across Canada, even outside Canada, to contribute in-person or online to this workshop.



Location

Federation Hall,
The University of Waterloo
Ontario, Canada

Register Now



Questions regarding the workshop can be sent to:

Dr. Alireza Dehghanisanij (a7dehgha@uwaterloo.ca) or

Dr. Ali Yaghoubi (ali.yaghoubi@uwaterloo.ca)



DAY ONE: THURSDAY, JULY 27 (Hybrid)

08:30-09:00	Registration and breakfast
09:00-09:10	Prof. Claudio Cañizares; WISE Executive Director
09:10-09:50	Dr. Catherine Hickson; President of Geothermal Canada (keynote speaker) Presentation title: <i>Renewable energy in the north—where does geothermal fit in?</i>
09:50-10:10	Prof. Maurice Dusseault; University of Waterloo Presentation title: <i>Drilling for heat: Accessing deep geothermal energy</i>
10:10-10:30	Prof. Jasmin Raymond; Institut national de la recherche scientifique (INRS) Presentation title: <i>Geothermal potential of remote northern communities: Research overview</i>
10:30-10:45	Coffee/tea break
10:45-11:05	Dr. Randell Johnson; Acelerex Inc. Presentation title: <i>Geothermal: What, why, where, when, and how-much?</i>
11:05-11:25	Dr. Mafalda Miranda; Institut national de la recherche scientifique (INRS) Presentation title: <i>Assessing the deep geothermal energy potential of remote northern regions—a value of information problem</i>
11:25-11:45	Prof. Kamelia Atefi-Monfared; York University Presentation title: <i>Coupled thermal-hydraulic-mechanical processes in geothermal reservoirs: Clogging and formation damage</i>
11:45-12:15	Panel discussion
12:15-13:15	Lunch break and student posters
13:15-13:35	Mr. Shawn Day (Barkley Project Group Ltd.) and Mr. Angus James Capot-Blanc Jr. (ADK Holdings Ltd.) Presentation title: <i>Engaging northern and Indigenous communities</i>
13:35-13:55	Mr. Andrew Wigston and Ms. Emma Wildeboer; Natural Resources Canada (NRCan) Presentation title: <i>Renewable energy for remote diesel-reliant communities</i>
13:55-14:15	Mr. Angus James Capot-Blanc Jr. (ADK Holdings Ltd.) and Mr. Shawn Day (Barkley Project Group Ltd.) Presentation title: <i>Community-focused geothermal development: A case study of Acho Dene Koe First Nation, Fort Liard, NWT</i>
14:15-14:35	Ms. Robin Groat (Daylu Dena Council) and Mr. Daniel Alonso Torres (Barkley Project Group Ltd.) Presentation title: <i>Geothermal energy development by Daylu Dena Council</i>
14:35-14:50	Coffee/tea break
14:50-15:10	Prof. Alice Friser; Université du Québec en Outaouais Presentation title: <i>Understanding the social acceptability of geothermal projects in Canada's north</i>
15:10-15:30	Dr. Stan Reitsma and Mr. Reaves Christie; GeoSource Energy Inc. Presentation title: <i>Improving technical and financial feasibility of closed-loop geo-exchange in northern communities</i>
15:30-15:50	Mr. Jason Collard; Gonezu Energy Inc. Presentation title: <i>The realities and challenges of conducting research and developing renewable energy solutions for Indigenous communities within the Dehcho Region of the Northwest Territories</i>
15:50-16:30	Panel discussion

DAY TWO: FRIDAY, JULY 28 (In-person only)

08:30-09:00	Breakfast
09:00-09:15	Defining the working session, forming groups, receiving the questions
09:15-10:45	Participants will be assigned to groups where they will discuss prepared questions (and can also pose their own) related to the advancement of geothermal energy for northern Canada and remote communities. Thoughts and recommendations for each group will be recorded by a secretary.
10:45-11:00	Coffee/tea break
11:00-13:00	Each group will present their recommendations and thoughts to the other groups, and discussion will be encouraged.
13:00	Workshop ends