

About ABBY-Net

ABBY-Net is an interdisciplinary network of researchers from universities in the Canadian province of Alberta and the German province of Bavaria, collaborating on topics related to the sustainable development of resources under changing environmental conditions. ABBY-Net scientists work in various fields related to environment, energy, socio-economy, and computing science, and strive to create interdisciplinary approaches that further our understanding of energy systems and ecosystem functioning. Key topics include:

- Cleaner energy production, transportation, and storage
- Impact of energy infrastructure on ecosystem processes
- Effects of changing environmental conditions and hydroclimatic extremes on energy systems

ABBY Net Summer Schools have been alternating between Alberta and Bavaria since 2012, when the first summer school was held in Kananaskis Country, Alberta. This will be the tenth edition of our program, where we will once again take advantage of the excellent facilities and educational opportunities at the University of Calgary's Barrier Lake Research Station.

Program Description

The purpose of the 10th ABBY-Net Summer School is to train young scientists in interdisciplinary approaches to energy and ecosystem research. The program will focus on the interaction between climate change and resource-management issues in the province of Alberta, and the impact of resource extraction on natural ecosystem functioning. Students will attend seminars on key extra-disciplinary topics (energy systems, environmental systems, energy economics, and data analysis), and participate in field excursions designed to educate participants on local resource-management issues. Participants will be challenged to develop inter-disciplinary research proposals designed to solve practical problems related to energy development in Alberta and facilitate future research directions in ABBY-Net.

For more details and applications, please visit:

<http://www.abby-net.org>



Participation and Registration

A participation fee of CAD\$200/€150 is required for the Summer School. This fee covers accommodation, meals, transfers between Calgary and the Barrier Lake Station, and field tours.

Attendance is limited and subject to selection by the ABBY-Net Program Committee.

Please apply online at [Application Summer School 2025](#).

We will begin accepting applications starting January 1st, 2025.

Deadline for all applications is February 15th 2025.

Venue and Directions

The Barrier Lake Station (built in 1967) is located in the Kananaskis Valley 80 km west of Calgary, Alberta, in the Front Ranges of the Rocky Mountains. The station operates year-round, providing research and teaching facilities including a Main Lodge with a 26-person dormitory and kitchen/dining facilities, the Forestry lodge with a 32-person dormitory and kitchen/dining facilities, a laboratory building, and various stand-alone accommodations. Both dormitories accommodate 2-3 people/room with bunk beds. Wi-Fi is available throughout the facility.



More information on the Barrier Lake Station, including a description of facilities, natural history, and an overview of research projects underway can be found at [Barrier Lake Station](#).

Program Committee

Sven Anders (UAlberta), Thomas Baumann (TUM), Inga Beck (LMU), Joule Bergerson (UCalgary), Jürgen Karl (FAU), Scott Ketcheson (UAthabasca), Ralf Ludwig (LMU), Bernhard Mayer (UCalgary), Greg McDermid (UCalgary), Annette Menzel (TUM), Pierre Mertiny (UAlberta), Petr Musilek (UAlberta), Matthias Schubert (LMU)

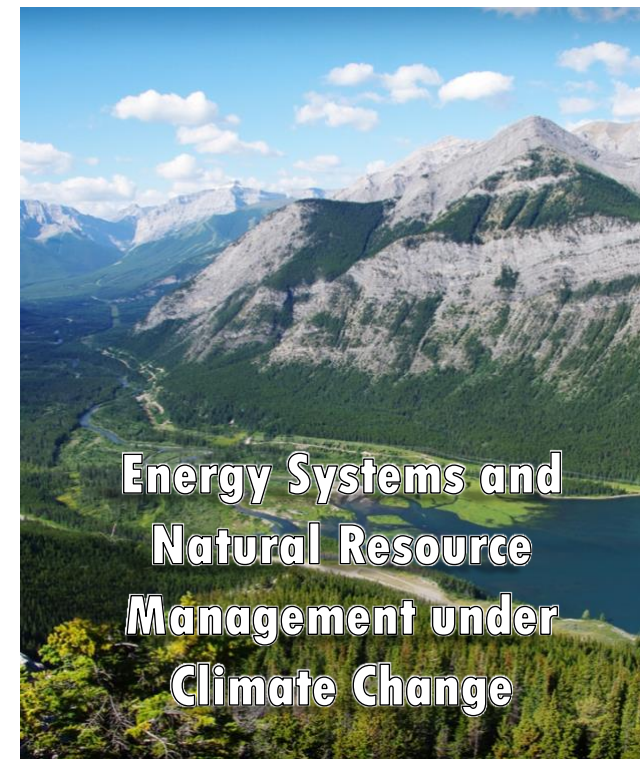
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Albertan - Bavarian Research Network

Announcement for the 10th ABBY-Net Summer School



August 02-09, 2025

Barrier Lake Station
Biogeoscience Institute
University of Calgary

