

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. We strive to create interdisciplinary approaches that further our understanding of energy systems and ecosystem functioning: Clean energy production, transportation, and storage

- Impact of energy infrastructure on ecosystem processes and functioning
- Effects of changing environmental conditions on energy systems
- Computing Science and AI applications for energy-environment-economy interactions

ABBY Net Summer Schools have been alternating between Alberta and Bavaria since 2012, when the first summer school was held in Kananaskis, Alberta. 2024 will be the ninth edition of our program, where we will take advantage of the excellent facilities of the TUM Research Station Friedrich N. Schwarz in Berchtesgaden, Bavaria, located in the Bavarian Alps, 160 km from Munich.

Course Description

The 2024 ABBY-Net Summer School trains young scientists in interdisciplinary approaches to energy and ecosystem research. The course will focus on resource-management issues in a comparative context of German and Canadian settings, and the impact of conventional and renewable energy systems 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 Bavaria and Alberta.

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



Participation and Registration

A participation fee of €200 is required for the Summer School. This fee covers accommodation, meals, transfers to and from Berchtesgaden, and field tours. Attendance is limited and subject to selection by the ABBY-Net Program Committee.

Please apply online at <http://www.aby-net.org>.
Canadian deadline for applications is March 31st, 2024.
German deadline for applications is April 30th, 2024.

Venue and Directions



The Summer School will be hosted at the TUM Research Station Friedrich N. Schwarz in Berchtesgaden, close to the Austrian border. All participants will also board and lodge at the Research Center, an energy neutral research facility, which has only been opened in 2019. Transport to the facility will be provided.



Program Committee

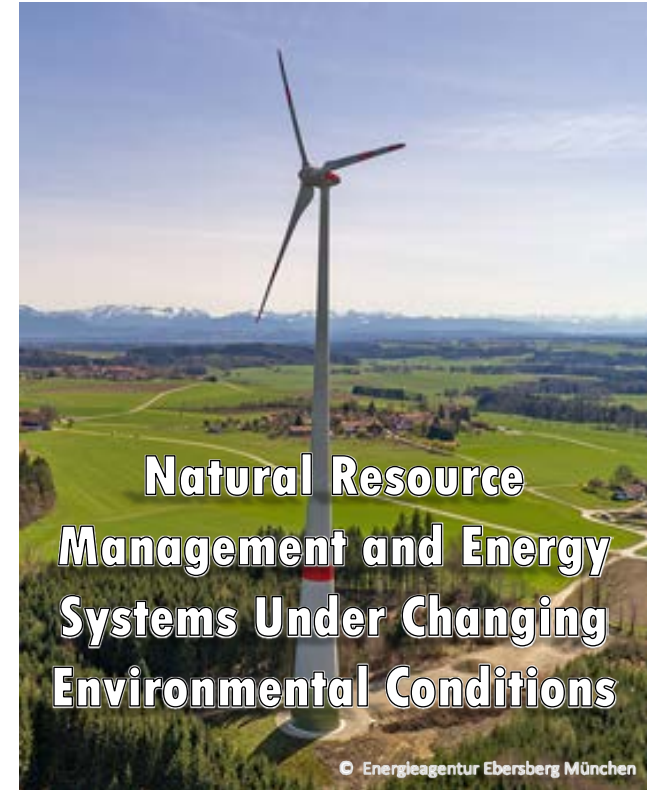
Thomas Baumann (TUM), Inga Beck (LMU), Joule Bergerson (UCalgary), Jürgen Karl (FAU), Scott Ketcheson (UAthabasca), Julia Linke (UCalgary), Ralf Ludwig (LMU), Bernhard Mayer (UCalgary), Annette Menzel (TUM), Pierre Mertiny (UAlberta), Petr Musilek (UAlberta), Matthias Schubert (LMU)



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Albertan - Bavarian Research Network

Announcement for the 9th
ABBY-Net Summer School



August 10-17, 2024

TUM Research Center
Friedrich N. Schwarz
Berchtesgaden, Germany

