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. 2026 will be the 11th edition of our program, where we will be in a former knight's castle in Saldenburg, located in the Bavarian Forest.

Course Description

The 2026 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.abby-net.org

Participation and Registration

A participation fee of €400 is required for the Summer School. This fee covers accommodation, meals, transfers to and from Saldenburg, and field tours. Attendance is limited and subject to selection by the ABBY-Net Program Committee.

Please apply online at http://www.abby-net.org.
Deadline for applications is February 15st, 2026.

Venue

The Summer School will be hosted at the DJH Youth Hostel in Saldenburg, a knight's castle from the 14th century located in the Bavarian Forest. Three meals a day as well as transport to the facility will be provided.

Program Committee

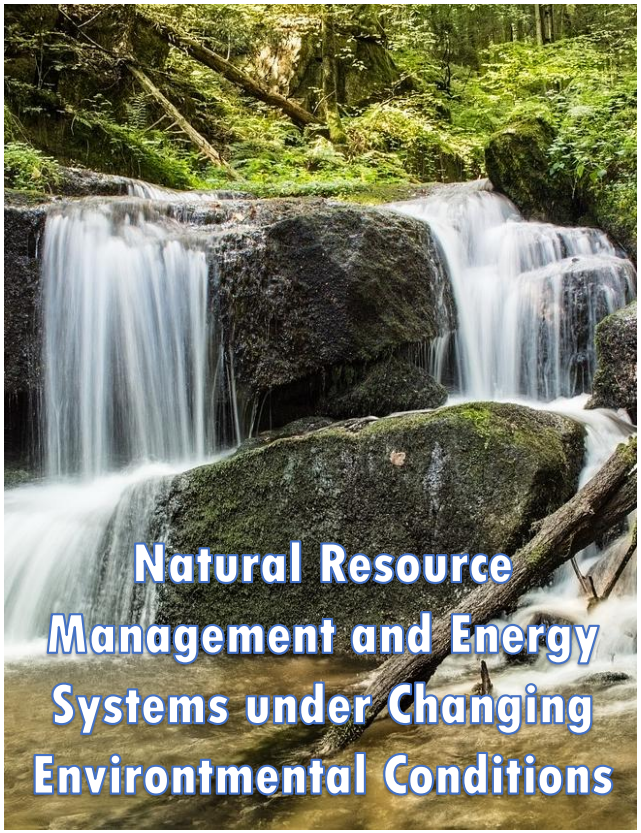
Sven Anders (UAlberta), Thomas Baumann (TUM), Joule Bergerson (UCalgary), Petra Dolata (UCalgary), Jürgen Karl (FAU), Scott Ketcheson (UAthabasca), Ralf Ludwig (LMU), Bernhard Mayer (UCalgary), Annette Menzel (TUM), Pierre Mertiny (UAlberta), Petr Musilek (UAlberta), Marco Pruckner (JMU), Matthias Schubert (LMU)

University of Calgary · University of Alberta · Athabasca University · Technische Universität München · LMU · FAU

ABBY-Net

Albertan - Bavarian Research Network

Announcement for the 11th
ABBY-Net Summer School



August 8-15, 2026

DJH Youth Hostel
Saldenburg, Germany

ABBY-Net 2026 Summer School – Tentative agenda

Time / Date	July tbd	Saturday August 8	Sunday August 9	Monday August 10	Tuesday August 11	Wednesday August 12	Thursday August 13	Friday August 14	Saturday August 15
08:00 - 08:30		Travel to "Jugend-herberge Saldenburg"	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	**M10** Group Presentations: Student Groups to Provide Formal Presentations to Instructor Panel
08:30 - 09:00			**M2** Energy Systems	**M4** Prep Lecture	**M5** Informatics	**M7** Prep lecture	**M8** Guest lecture	**M9** (cont.) Group Project	
09:00 - 09:30	**M0** Webinar		Coffee	**M4** Field trip Waldwindpark Schiederhof (preliminary)	Coffee	**M7** Field trip Todtenauer Moor	Coffee		
09:30 - 10:00									
10:00 - 10:30			**M2** Exercise on Life Cycle Assessment		**M5** (cont.)		**M8** (cont.) Guest lecture		
10:30 - 11:00		Orientation and Registration							
11:00 - 11:30									
11:30 - 12:00									
12:00 - 12:30		Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Farewell
12:30 - 13:00									
13:00 - 13:30			**M9** Group Project	**M4** Field trip Hiking Tour "Bayerisch Kanada"	**M9** Group Project	**M7** Field trip *Zwiesel crystal glass or hydroelectric power station (preliminary)*		**M9** (cont.) Group Project	
13:30 - 14:00		**M1** Introductions and Course overview	**M3** Environmental Systems		**M6** Socio-Economic Systems		**M8** (cont.) Guest lecture		
14:00 - 14:30									
14:30 - 15:00									
15:00 - 15:30									
15:30 - 16:00		Coffee	Coffee		Coffee		Coffee		
16:00 - 16:30		**M1** Energy Transitions	**M3** (cont.)		**M6** (cont.)		**M9** Group Project		
16:30 - 17:00									
17:00 - 17:30									
17:30 - 18:00									
18:00 - 18:30		Dinner	Dinner	Dinner	Dinner		Dinner	Dinner	
18:30 - 19:00									
19:00 - 19:30		**M9** Introduction to group work	Free Time	Free Time	**Presentation**: Interdisciplinary Research Proposals	Free time	Free Time	Free Time	
19:30 - 20:00									
20:00 - 20:30		Ice breaker							
20:30 - 21:00									