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Lecture Series Environment & Biodiversity

Can Learning Labs Connect Research, Teaching, and Science Communication?

Privat-Doz. Dr. Sabine Hennig

iDEAS:lab, Salzburg

Host: Dr. Noreen Mutoro



Friday, June 19, 2026, 2:00 PM

Science City Techno_Z, (Techno 15, EG, E.10)

Schillerstraße 30, 5020 Salzburg

Online-Teilnahme via Microsoft Teams:

Meeting ID: 369 328 639 867 004

Passcode: UB94rV2w



Research focus:

Education for Sustainable Development (ESD)

Forest fragmentation and degradation





Abstract

Science-accompanying learning labs are innovative environments where physical, digital, and human dimensions come together to make science accessible and engaging. A prominent example is the iDEAS:lab at the Department of Geoinformatics (Z_GIS), University of Salzburg - <https://ideaslab.plus.ac.at/>. The iDEAS:lab connects science, technology, and education by making digital Earth technologies, AI, and geovisualization tangible. Central to this approach is the use of digital geomeia—such as online maps, storymaps, and digital globes—which support the collection, analysis, visualization, and communication of spatial data. These tools are increasingly important for education (especially education for sustainable development, ESD), as well as for research, teaching, and science communication, enabling new forms of collaboration between researchers, educators, and the public.

This workshop presents the iDEAS:lab as a hub linking digital geomeia with research and education. It combines a short introduction with the interactive exploration of selected experience stations and hands-on tools. Participants will gain practical insights and discuss how to apply geomeia in their own research, teaching, and science communication activities, with opportunities for exchange and future collaboration.

About the speaker

Sabine Hennig is Head of iDEAS:lab. She studied Geography at the University of Erlangen–Nürnberg and completed her PhD and habilitation at the University of Salzburg in Applied Geoinformatics. Her research focuses on user-centered GI applications, particularly for specific user groups (e.g. youth, the elderly, and people with impairments), as well as geo participation and geo citizen science. She also has a strong background in education for sustainable development, especially advancing this field through the use of digital geomeia.

