



PhD Program in Plant Sciences: Transdisciplinary Research: Challenges of Interdisciplinarity and Stakeholder Engagement (ETHZ 701-0015-00L)

Lecturers: PD Dr. Vienni Baptista, Prof Dr. Christian Pohl, Prof. Dr. Michael Stauffacher (Transdisciplinarity Lab, ETHZ)
Location: ETHZ, CHN K 77
Dates: Wednesdays (8:15-12:00): 25.09.; 23.10.; 13.11.; 27.11.; 11.12.2024
Credit Points: 2 ECTS

More information: <https://tdlab.usys.ethz.ch/teaching/tdseminar.html>

Course Content

This seminar is designed for PhD students and PostDoc researchers involved in inter- or transdisciplinary research. It addresses and discusses challenges of this kind of research using scientific literature presenting case studies, concepts, theories, methods and by testing practical tools. It concludes with a 10-step approach to make participants' research projects more societally relevant.

Course Objectives

Participants know specific challenges of inter- and transdisciplinary research and can address them by applying practical tools. They can tackle questions like: how to integrate knowledge from different disciplines, how to engage with societal actors, how to secure broader impact of research? They learn to critically reflect their own research project in its societal context and on their role as scientists.

The seminar covers the following topics:

- (1) Theories and concepts of inter- and transdisciplinary research
 - (2) The specific challenges of inter- and transdisciplinary research
 - (3) Collaborating between different disciplines
 - (4) Engaging with stakeholders
 - (5) 10 steps to make participants' research projects more societally relevant
- Throughout the whole course, scientific literature will be read and discussed as well as practical tools explored in class to address concrete challenges.

Individual Assessment: Ungraded semester performance. Active participation during the course days and preparation work for paper presentation in between.

Number of Participants: 10