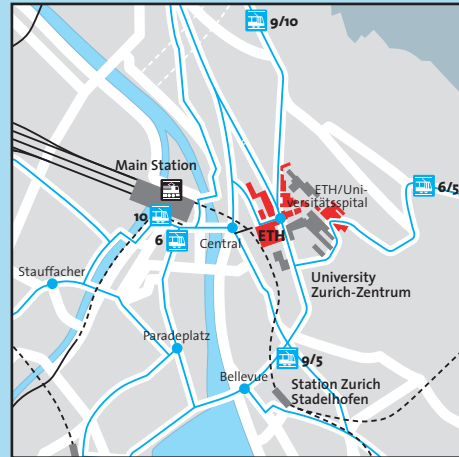


How to get to ETH Zurich

- From tram stop "Bahnhofstrasse/HB" (Journey time: about 6 minutes): Tram no. 6 (direction Zoo) to tram stop "ETH/Universitätsspital".
- From tram stop "Bahnhofplatz/HB" (Journey time: about 8 minutes): Tram no. 10 (direction Flughafen or Bahnhof Oerlikon) to tram stop "ETH/Universitätsspital" or tram no. 3 (direction Klusplatz) to tram stop "Central" (first stop), from "Central" by Polybahn (departing every 3 minutes) to the Polyterrasse.

You need a valid ticket for zone no. 10 ("Stadt Zürich").



Perspectives of Research on Human-Environment Systems

Mandatory Registration
(Limited Number of Seats)

Friday, April 23, 2010

13.30 – 17.30

ETH Zurich, HG G60 (Semper Aula)

ETH Zurich
Institute for Environmental Decisions
Natural and Social Science Interface
Prof. Dr. Roland W. Scholz
Phone: +41 44 632 58 92
E-mail: roland.scholz@env.ethz.ch



The chair has worked successfully on the interfaces of human and environment systems (HES), research and practice (transdisciplinarity) and natural and social sciences. Meanwhile the research fields at these interfaces matured and eight NSSI alumni became professors at universities in different countries.

This NSSI colloquium is a chance for looking back and forth: All eight NSSI alumni will give insights in key aspects of human-environment systems research and will show how they advanced the field in the last few years. Further, the colloquium provides room and opportunity to delineate future research perspectives.

Preliminary programme

- 13.30 **Introduction and moderation**
Timo Smieszek (PhD Student) & Michael Stauffacher (Deputy Head)
Natural and Social Science Interface NSSI, ETH Zurich
- Sustainable Finance – The environment and financial transactions**
Thomas Köllner: „*Ecological innovations in financial markets*”
Olaf Weber: „*Sustainable banking – financial products for a sustainable development!?*”
- Understanding Systems Dynamics by Modelling**
Björn Reineking: „*Do plants have risk strategies?*”
Olaf Tietje: „*How do systems strike back - a new simple assessment method*”
- Transdisciplinarity**
Alard Mieg: „*How to understand and make use of scenarios in a transdisciplinary setting*”
Arnim Wiek: „*From analyzing to transforming human-environment systems in transdisciplinary sustainability research and teaching*”
- Human-Environment Systems**
Claudia Binder: „*Understanding transitions in human-environment systems: The role of integrative research*”
Daniel Lang: „*Sustainability learning in the field of scarce/critical non energy raw materials and the potential role of transdisciplinary sustainability research*”
- 17.15 **Summary, closing**
Roland W. Scholz, Head of Natural and Social Science Interface NSSI, ETH Zurich

Speakers

Claudia R. Binder

Professor and Head of the Institute for Systems Science, Innovation & Sustainability Research, University Graz, Austria

Thomas Köllner

Professor for Ecosystem Services, University Bayreuth, Germany

Daniel J. Lang

Professor for Transdisciplinary Sustainability Research, Leuphana University Lüneburg, Germany

Harald A. Mieg

Professor for Metropolitan Studies and Innovation, Humboldt University Berlin, Germany

Björn Reineking

Professor for Biogeographical Modelling, University Bayreuth, Germany

Olaf Tietje

Professor for Mathematics, Hochschule für Technik Rapperswil, Switzerland

Olaf Weber

Professor for Environmental Finance, University of Waterloo, Canada

Arnim Wiek

Professor at the School of Sustainability, Arizona State University, United States of America



Binder



Köllner



Lang



Mieg



Reineking



Scholz



Smieszek



Stauffacher



Tietje



Weber



Wiek

Mandatory Registration
(Limited Number of Seats)