

# Martin Nicola Huber

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Born: 21.05.1993



## Work experience

### Eawag/ University of Bern – PostDoc in TREBRIDGE Project

2023-\*, Zürich/Bern

- Key research issues: Integrate science across disciplines in inter- & transdisciplinary projects, participatory development of conceptual frameworks, organizing Stakeholder workshops.

### Eawag/ University of Bern – PhD Student

2018-2023, Zürich/Bern

- Key research issues: Social-ecological networks, ecosystem governance participatory systems mapping, Exponential Random graph models (ERGMs), multi-level network analysis, Bayesian modelling, and data gathering (surveys & expert interviews).

### Stockholm Resilience Centre – PhD Student (exchange)

2022 (3 months), Stockholm

- International research exchange working on network modeling of social-ecological systems using exponential random graph models (ERGMs).

### GIZ – Advisor Electro-Mobility

2018 (6 months), Beijing

- Assistance in for Sino-German cooperation on Electro-Mobility researching various stockholder reports and high-level workshops with Chinese and German partners.

### Anex Ingenieure AG – Energy Consultant

2017 (8 months), Zürich

- Support for calculations of energy and economic efficiency analysis and feasibility studies of pilot projects for heat demand of industrial complexes.

### ETHZ – Assistance Environmental Science

2014 (6 months), Zürich

- Research Assistance: organization of written and oral exams, Q&A sessions, exam preparations

### ETHZ – Assistance Dendrology

2013-2017, Zürich

- Research Assistance: organization and realization of field trips, database management, coordination of task groups

## Education

### Msc Environmental Science [Grade Ø 5.12]

2015-2017

ETH, Zürich

Focus: Environmental Systems Policy

Minor: Sustainable Energy Use & Environmental, Resource and Food Economics

Master Thesis: Veränderung in der Wahrnehmung und der Diskussion der Auswirkungen von Kraftwerksprojekten auf die Landschaft in der Schweiz [Grade 5.5]

## Conference Presentations

Motifs in social-ecological networks and associated governance outcomes  
**European Conference on Social Networks (EUSN)** – London, 2022

How the quality of social-ecological interdependencies influences actor collaboration  
**5th International Conference on Public Policy** – Barcelona, 2021

Informing collaboration networks using the quality of social-ecological interdependencies  
**7th Annual Duck Family Graduate Workshop on Environmental Politics and Governance** – Seattle (virtual), 2021

The importance of actors' perceptions of networks in natural resource governance  
**ECPR General Conference** – Innsbruck (virtual), 2020

A Network Approach to Analyze Social-Ecological Networks in Swiss Wetlands Governance  
**European Conference on Social Networks (EUSN)** – Zürich, 2019

Ecosystem governance and socio-ecological networks in Switzerland: bringing politics back in (Martin Huber, Manuel Fischer)  
**Colloque EAU** – Lausanne, 2018

## Publications

### Peer-reviewed articles

- Huber, M. N., Angst, M., & Fischer, M. (2022). Dataset: Multi-level network dataset of social-ecological interdependencies in ten Swiss wetlands based on qualitative interviews and quantitative surveys. <https://doi.org/https://doi.org/10.5281/zenodo.6907175>
- Huber, M. N. (2022). How the qualities of actor-issue interdependencies influence collaboration patterns. *Ecology and Society*, 27(4). <https://doi.org/https://doi.org/10.5751/ES-13536-270406>
- Huber, M. N., Fischer, M., & Egli, N. (2022). Cross-sectoral information and actors' contact networks in natural resource governance in the Swiss Alps. *Environmental Policy and Governance*, XX, XXXX. <https://doi.org/10.1002/eet.2036>

### Reviews

- Journal of Comparative Policy Analysis
- Review of Policy Research
- Water Alternatives

## Workshops and Events

**Sunbelt@Europe hub:** Social Networks Conference of the International Network for Social Network Analysis (INSNA) (Mario Angst & Martin Huber)

**Task:** Organisation committee

**Sunbelt** – Australia/Switzerland, 2022

**Stakeholder Workshop:** Enabling discussions based on social-ecological networks (Manuel Fischer, Janine Bolliger, Martin Huber, Donati Giulia, and Mario Angst)

**Task:** Workshop execution  
**Naturkongress of eco.ch.** – Switzerland (virtual), 2021

## Teaching

Sustainable governance of social-ecological systems (Main instructor)  
**University of Bern** – 2023

Bachelor thesis on: Zwischennutzung als Chance für eine Nachhaltige Stadtentwicklung (Main Supervisor)  
**University of Bern** – 2022

Processes and policy design in environmental policies (Presentation on: Case study on wetland management)  
**University of Bern** – 2022

Management of Ecosystems (Main instructor)  
**University of Bern** – 2020 & 2021

Woody plants identification in winter (Teaching assistant)  
**ETH Zürich** – 2016

Introduction Dendrology (Teaching assistant)  
**ETH Zürich** – 2014 & 2015

## Skills

Language	Computer skills	Research Methods
■ German ●●●●●	■ R ●●●●○	■ Survey Design ●●●●○
■ English ●●●●●	■ MATLAB ●●○○○	■ Network analysis (ERGM) ●●●○○
■ French ●●○○○	■ GIS ●●○○○	■ Participatory system mapping ●●○○○
■ Chinese ●○○○○	■ SPSS ●○○○○	■ Quantitative text analysis ●●○○○