

PASCAL SCHNEIDER

Currently doing a PhD in climate sciences.

My passion lies in applying the possibilities of rapid technological advances to improve our understanding of how ecosystems function and to improve our environmental decision-making.

EDUCATION

- Doctorate in Climate Sciences**
Working thesis title: Using Eco-Optimality Principles in Global Vegetation Modelling
📍 University of Bern, Switzerland
- M.Sc. in Biogeochemistry and Pollutant Dynamics (summa cum laude)**
Thesis: Using Eco-Evolutionary Optimality Principles to Predict the Thermal Acclimation of the Optimal Temperature of Photosynthesis
📍 ETH Zürich, Switzerland
- B.Sc. in Environmental Sciences (magna cum laude)**
Thesis: Relating Arsenic in Rice Grain to Soil Properties - Improved Predictions Based on Ascorbate-Citrate Extraction and Anoxic Incubation Experiments
📍 ETH Zürich, Switzerland
- Matura**
Thesis: Sustainability in The Construction Sector - A Balance of Environment, Society and Economy
📍 Kantonsschule Alpenquai Luzern, Switzerland

PROFESSIONAL EXPERIENCE

- Various Teaching and Research Activities**
Teaching assistant in the courses "Environmental System Data Science" and "Applied Statistics for Environmental Sciences", Research assistant in soil physics group
📍 ETH Zürich, Switzerland
- Consultant in Life Cycle Assessment**
Assessing greenhouse gas emissions for different production and use scenarios of bicycles.
📍 ETH Juniors / Veloptus, Zürich, Switzerland
- Junior Environmental Management Specialist**
Designing Swiss Re's CO2NetZero Programme and purchasing strategy of carbon credits.
📍 Swiss Re, Ltd., Zürich, Switzerland
- Volunteering in Public Education on Sustainability**
Examples: Secretary of Sustainability Week Zürich, Co-Founder of Sustainability Week Switzerland
📍 Zürich, Switzerland



✉ 96p.schneider@gmail.com

in [LinkedIn](#)

🌐 [Personal Website](#)

📞 +41 76 567 53 36

📅 27.03.1996

Programming Skills:

R (advanced), Microsoft Office Suite (advanced), Bash (intermediate), Python (intermediate), Git (intermediate), Fortran (basics)

Scientific Interests:

Biogeochemical cycles, ecophysiology, global vegetation modelling, remote-sensing, restoration, machine learning applications

Work-related Skills:

Statistical modelling, process-based modelling, cloud-computing, project management, public speaking, scientific and journalistic writing

Language Skills:

German (native), English (C1, CAD), Spanish (conversational), French (basics)

I am happy to deliver references upon request.