

Two postdoctoral fellowships in Global Ecosystem Modeling at ETH-Zürich.

The Crowther lab at ETH Zurich (starting on October 1st 2017) are seeking 2 postdoctoral positions to conduct competitive research in quantitative ecosystem ecology at a global scale. The research will aim to improve our understanding of how the physiology or composition of biological communities affects ecosystem functioning (primarily carbon cycling) at a global scale. We seek ecologists who are familiar with Earth System Models that will enable them to identify critical uncertainties that can be addressed through experimental or observational research.

Consistently ranked in the top 10 universities in the world, ETH Zurich provides an ideal location to perform this quantitative research. The Department of Environmental Systems Science boasts a highly interdisciplinary group of world-leading experts that provide a good opportunity for collaboration. This will be reflected in this lab, which will bring together experts with highly different skillsets to promote interdisciplinary research.

Starting salaries will be CHF 86,300 (~\$89,000) per annum, or higher depending on experience. Post-docs will have the opportunity to design projects for, work with, and advise PhD students who can help to develop their broader research lines.

The candidate must hold a Ph.D. in a related topic. All research will require strong quantitative/analytical skills, with considerable experience handling big datasets and generating models. Experience in Earth System Modeling or complex system analysis will be favorable. The researcher should be driven to lead experimental/observational studies or meta-analyses that generate the empirical data needed to parameterize ecosystem models.

Apply at: <https://apply.refline.ch/845721/5610/pub/1/index.html>