

From: Devin Routh
Subject: Two postdoctoral fellowships in Quantitative Ecology 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 community ecology. The research will aim to improve our fundamental understanding of how biological diversity is established, maintained, or distributed across natural ecosystems. We seek researchers who have a familiarity with both modeling and empirical research, but strong quantitative/analytical backgrounds will be favored. Along with developing an independent research lines focusing on fundamental ecological theory, the researcher will be expected to work alongside ecosystem ecologists and earth-system modelers to improve the realism and structure of ecosystem models by helping them reflect critical ecological processes.

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. The research will require strong quantitative/analytical skills, with experience handling big datasets and modeling complex systems. Researchers should be driven to lead experimental or observational studies that generate the empirical data needed to parameterize statistical or mechanistic models.

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