



Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich



The Institute of Plant, Animal and Agroecosystem Sciences at ETH Zurich, Chair of Grassland Sciences (Prof. Nina Buchmann), seeks a

Ph.D. student in Ecology

Responsibilities

Research within the SNF project "Forest ecosystem responses to climatic drivers" with focus on CO₂ and H₂O vapor fluxes of two managed forests in Switzerland. Net ecosystem gas exchange between biosphere and atmosphere will be measured using eddy-covariance. Growth performance will be assessed using point-dendrometers. Tasks include maintenance of two established flux towers, design and maintenance of additional field experiments, sample preparation and analyses, data acquisition, analysis and interpretation, presentation of results nationally and internationally.

Requirements

Dynamic, reliable and motivated student with M.Sc./Diplom in plant ecophysiol-

ogy, ecology, forest management, micrometeorology, environmental sciences or related disciplines. Strong interest in process- and system-oriented research, particularly ecosystem flux measurements. Experiences and skills in working with large data sets are beneficial. Driving license is required. Teamwork within group and with project partners requires English and German language skills. Participation in Ph.D. Graduate School "Plant Sciences and Policy" (www.plantscience.ethz.ch/education/science_policy) is mandatory.

Additional benefits

The research will be carried out within a 3-year project, starting as soon as possible. We offer an interesting position in an international, interdisciplinary research

group (www.gl.ethz.ch) at a lively university environment in Zurich as well as international working experiences. Salary and social benefits are provided according to ETH Zurich rules.

Application

Please send your complete application to Mr. Rolf Oertli (rolf.oertli@pa.ethz.ch), Human Resources, ETH Zurich, TUR C24, 8092 Zürich, mentioning "IPAS-Ecology". Evaluation procedure will start October 1st, applications will be reviewed until the position is filled. Further information can be obtained from Mrs. C. Hostettler (gl-office@ipw.agrl.ethz.ch).