



Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich



The Group of Grassland Sciences (Prof. Nina Buchmann) seeks a

## Postdoc for greenhouse gas flux research

### Responsibilities

Research within the Swiss Sinergia project "CarboCount-CH" with focus on quantifying greenhouse gas fluxes and their sensitivity to climate variations (<http://www.c2sm.ethz.ch/research/CarboCountCH>). The project combines advanced modeling and experimental methods to study exchange fluxes of CO<sub>2</sub> between biosphere and atmosphere, and to quantify regional-scale emissions of CO<sub>2</sub> and CH<sub>4</sub>. Several new observation sites will be set-up. Tasks include setup and operation of one of the four new sites, development of parametric models of biosphere-atmosphere exchange and evaluation of bottom-up data sets, assistance in project coordination, and presentation of results nationally and internationally.

### Requirements

Dynamic, reliable and motivated scientist with Ph.D. in atmospheric/climate, ecosystem science or closely related fields. Further desired qualifications are: demonstrated experience in experimental/field work, modeling, GIS, scientific publishing, experience in project management. Driving license is required. Teamwork within group and with project partners requires English language and good communication skills. Applicants must be able to start no later than spring 2012.

### Additional benefits

The position will run for 1.5 to 2 yrs, depending on working time (70-100%), preferentially starting January 2012. We offer an interesting position in an international, interdisciplinary research group

([www.gl.ethz.ch](http://www.gl.ethz.ch)) in 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 (CV, transcripts, letter of motivation, the names and contact information of 2-3 references) to Mr. Rolf Oertli ([rolf.oertli@pa.ethz.ch](mailto:rolf.oertli@pa.ethz.ch)), Human Resources, ETH Zurich, TUR C24, 8092 Zürich, mentioning "GL-CarboCount". Evaluation procedure will start Nov. 1<sup>st</sup>, applications will be reviewed until the position is filled. Further information can be obtained from Mrs. C. Hostettler ([gl-office@ipw.agrl.ethz.ch](mailto:gl-office@ipw.agrl.ethz.ch)).