



The Biogeophysics group at the Institute of Soil Science and Land Evaluation of Universität Hohenheim seeks to fill the position of a

## Postdoctoral Scientist (TV-L 13)

effective January 1, 2019 or as soon as possible thereafter. The position is limited to a 2-year term. Continuation with a permanent contract may be possible.

The position is part of Hohenheim's Land Atmosphere Feedback Observatory ([LAFO](#)). The goal of LAFO is (a) to determine water and energy budgets and feedbacks in dependence on the states of soil, vegetation and atmosphere, (b) to investigate the heterogeneity of exchange fluxes and (c) to develop new parameterisations for the exchange fluxes considering vegetation dynamics and the turbulent boundary structure.

The successful candidate will analyse, evaluate, safeguard and make available measured data from eddy covariance stations, soil water measurement networks, hyperspectral remote sensing and vegetation analyses and contribute to building and maintaining the related infrastructure.

We expect a profound systemic understanding of land surface exchange processes and of biophysical processes in soils and plants, a demonstrated ability to work in an interdisciplinary environment and the willingness to play an active role in a team of closely collaborating researchers.

Expected qualifications:

- PhD in soil physics, environmental physics or related disciplines
- Demonstrated skills in interdisciplinary research at the soil-plant-atmosphere interface
- Expertise in handling large, heterogeneous data volumes
- Expertise in crop and land surface modeling and scientific programming (desired)
- Experience in eddy-covariance measurement and data processing (desired)
- Very good command of English

For further information please contact:

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Place of work is Stuttgart-Hohenheim, Germany. Universität Hohenheim is an equal opportunity employer. Women are explicitly encouraged to apply for increasing their share in science and research. Physically handicapped persons will be favored if they are equally qualified.

Please apply online at <https://www.uni-hohenheim.de/en/job-openings>. Closing date for receiving applications is October 21, 2018.