

The working group Remote Sensing & Image Processing at the Institute of Computer Science at the University of Osnabrück seeks a highly qualified and motivated candidate (3 years, foreseen start 1. April 2019).

Research assistant (salary grade E 13 TV-L, 100 %)

The successful applicant will aim at the development of state-of-the-art methods in the field of machine learning (e.g. deep-learning, CNN) for analyzing large data sets of multisensor remote sensing imagery. The work tasks include field work, presentation of results at conferences, peer-reviewed publications, and teaching.

Responsibilities:

- Involvement in research
- Teaching duty on bachelor and master level
- Development of own research concepts and supporting applications for third-party funds
- The successful candidate will have the opportunity to work towards a Habilitation

Required qualifications:

- Above-average PhD in Geoinformatics, Geography or related disciplines
- Sound background in remote sensing as well as Geoinformatics or spatial statistics
- Programming skills (e.g. in R, Python).
- Knowledge in machine learning
- Research experiences in remote sensing, including first-author publications in international peer-reviewed journals

Desirable qualifications

- Experience in teaching
- Knowledge in remote sensing software (e.g. ERDAS Imagine, ENVI/IDL) and GIS (e.g. QGIS, ArcGIS)
- Knowledge of Tensorflow or PyTorch

The position is available on a full-time or part-time basis.

Osnabrück University has been certified as a family-friendly university committed to helping working/studying parents and careers balance their family and work life.

The university aspires to ensure equal opportunities for men and women and strives to work towards a gender balance in schools or departments where new appointments are made.

If equally qualified candidates apply, preference will be given to those with special needs.

We offer a position in a young and dynamic, interdisciplinary team. Applications including a letter of motivation (one page) and full CV shall be sent electronically and in a single PDF file to (deadline **February 1, 2019**): Prof. Dr. Björn Waske, bjoern.waske@uni-osnabrueck.de