

## **WWU MÜNSTER - W2 Geoinformatics for sustainable development - Frist: 30.09.2020**

The Institute for Geoinformatics (ifgi) at the University of Muenster has an opening for a Professorship (W2) in Geoinformatics for sustainable development starting at the earliest possible date. Who are we looking for? Applicants should have an outstanding PhD in Geoinformatics or a related field. They should have a proven track record (peer reviewed publications, international network, successful research funding acquisitions) in at least one innovative area in geoinformatics (GI) and in at least one of the many application areas of sustainable development research. Of particular interest are the following areas of research:

- Artificial

Intelligence / Deep Learning / Data Mining in GI • Sensor Networks / Internet-of-Things in GI

- Big Data in GI • Spatial/spatiotemporal Network Modelling / Network Planning in GI • Data

Science in GI • Geographic Information Systems / Science • Remote Sensing, Time Series

Analysis • Geo-Visualization, Visual Analytics • Trajectories, Movement Data or 3D Point

Clouds and the following application domains: • GI for Sustainable Development Goals •

Smart Cities, Urban Development, Sustainable Mobility • Renewable Energy, Energy

Transition • Climate, Ecology, Developing Countries. The applicant's track record should

complement existing research areas at the University of Muenster, in particular at the Faculty of Geosciences and at ifgi. Applicants will be required to contribute towards teaching (i.e.

courses related to Geoinformatics that are part of several degree programs at the

department). The teaching load associated with the advertised post is nine hours per week

during the teaching terms. Courses are taught in English or in German. In addition, the

successful applicant will supervise undergraduate and graduate students (including PhD

students) and contribute to the self-administration of the institute and the department. When

appointed, candidates will be expected to establish a research agenda and their own

research group at ifgi. The University of Münster is an equal-opportunity employer and is

committed to increasing the proportion of female academics. Consequently, we actively

encourage applications by women. Female candidates with equivalent qualifications and

academic achievements will be preferentially considered within the framework of the legal

possibilities. We also welcome applications from candidates with severe disabilities. Disabled

candidates with equivalent qualifications will be preferentially considered. What are we

offering? The Institute for Geoinformatics is one of the oldest and largest of its kind in

Europe. Research and teaching cover a broad range of topics in Geoinformatics. Core

research areas at ifgi currently include: analysis and modelling of spatiotemporal processes,

interaction with spatiotemporal information, spatial cognition, geodata infrastructures,

geosimulation, UAVs, geotechnologies in education and smart cities. The institute offers a

dynamic, research intensive and very international environment with many opportunities for

collaboration throughout the institute, the faculty and the university; the main language of the

institute is English. ifgi is also well-connected nationally and internationally. Collaboration

across groups and disciplines is explicitly encouraged and practiced throughout the entire

institute. In addition, Münster city is not only one of the most liveable cities but it also hosts

several SMEs as well as larger companies working in areas closely related to

Geoinformatics. How to apply? Please submit your application with the usual documents

(including a research and a teaching plan) as a single PDF via email by September 30, 2020

to the following address: , University of Münster Dean of the Department of Geosciences,

Prof. Dr. Harald Strauss, E-Mail: [dekangeo@uni-muenster.de](mailto:dekangeo@uni-muenster.de). Questions about the offered

position can be directed to Edzer Pebesma ([edzer.pebesma@uni-muenster.de](mailto:edzer.pebesma@uni-muenster.de)), Angela

Schwering ([schwering@uni-muenster.de](mailto:schwering@uni-muenster.de)), or Christian Kray ([c.kray@uni-muenster.de](mailto:c.kray@uni-muenster.de)).

**Bitte beziehen Sie sich in Ihrer Bewerbung auf den Ausschreibungsdienst des Deutschen Hochschulverbandes**