

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. Questions about the offered position can be directed to Edzer Pebesma (edzer.pebesma@uni-muenster.de), Angela Schwering (schwering@uni-muenster.de), or Christian Kray (c.kray@uni-muenster.de).

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- Remote Sensing, Time Series Analysis
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Bitte beziehen Sie sich in Ihrer Bewerbung auf den Ausschreibungsdienst des Deutschen Hochschulverbandes