

The Institute for Geosciences and Geography of the Faculty of Natural Sciences III, Martin-Luther University Halle-Wittenberg invites applications for a

### **W2 Professorship in "Digital Geography",**

beginning at the earliest possible date.

The successful candidate will work at the interface between the application-oriented collection, evaluation and processing of geostatistical data as well as the critical analysis and interpretation of digitisation processes, and will design teaching programmes in this field. The candidate's research interests should be compatible with the focal points of geography and have interfaces to the geosciences in Halle. The candidate should be specialized in topics from at least two of the following three research areas: Human geography, physical geography, human-environmental relations. Desirable research topics are socio-spatial transformations, land-use change and ecosystem services as well as on the geographical foundations and characteristics of the Food-Energy-Water Nexus. Spatial research focuses ideally on the "New Silk Road" and the Global South.

Research and teaching should broadly cover the fields of monitoring and of statistical and geostatistical analyses of complex spatial data sets. The use of geographic information systems (GIS), methods of geovisualisation, geoinformation processing and geoinformatics as well as cartography are of particular importance. Also desirable are knowledge of new scientific approaches such as critical cartography, critical GIS or qualitative GIS as well as a critical understanding of the cognitive content of quantitative spatial data, e.g. in the interpretative visualisation of complex global interrelations.

In teaching, it is expected that the future position holder will cover the scientific content of geography as well as the acquisition, analysis, interpretation and visualisation of geodata in the Institute's Bachelor and Master degree study courses and the teaching profession program (in German and English), and actively contribute to their further development.

Synergy effects with the existing professorships at the Institute of Geosciences and Geography and the Faculty in particular the Institute of Computer Science should result in the research focus "Gesellschaft und Kultur in Bewegung". In addition, cooperation is expected with the university network of Halle-Jena-Leipzig and other national and international university and non-university research institutions.

The scientific expertise of the applicant should be reflected in publications and successful external funding. The applicant should contribute momentum for the further internationalisation of teaching at the Institute. Further duties of the successful applicant are listed in Article 34 of the University Act of Saxony-Anhalt (Hochschulgesetz des Landes Sachsen-Anhalt).

Conditions of employment are a university degree, pedagogical aptitude, doctorate and habilitation or proof of equivalent scientific achievements. The Martin Luther University seeks to increase the proportion of women among the academic staff and strongly encourages the applications of qualified women. The Martin Luther University offers good possibilities to combine professional and family arrangements. Physically handicapped applicants will be favored if they are equally qualified.

Applications should include a cover letter, curriculum vitae, academic certificates, description of professional career, list of publications, record of acquired research grants/external funding, and record of conducted teaching. A resume of anticipated future teaching and research activities is also required (max. 2-3 pages). Complete applications should be submitted both electronically by e-mail (**single, integrated pdf file less than 5 MB**) as well as in paper form no later than 9th October 2019 to the following address: **Martin-Luther-Universität Halle-Wittenberg, Dekan der Naturwissenschaftlichen Fakultät III, Prof. Dr.**

**Matthias Müller-Hannemann, 06099 Halle (Saale). E-mail: [dekanat@natfak3.uni-halle.de](mailto:dekanat@natfak3.uni-halle.de).**

Please include your business and private addresses. Further information can be obtained from Prof. Dr. Christine Fürst, Tel. 0345/55-26017, E-Mail: [christine.fuerst@geo.uni-halle.de](mailto:christine.fuerst@geo.uni-halle.de). Please note: Applications to this email address will not be considered.

The salary is according to the legal and budgetary conditions. Applicants' costs cannot be reimbursed.