Ruhr-Universität Bochum

Ruhr-Universität Bochum (RUB) is one of the leading research universities in Germany. As a reform-oriented campus university, it houses the full breadth and width of expertise in the main branches of science and research under one roof. Working in an environment that promotes a dynamic exchange between individual academic disciplines and their cultures, researchers and students alike benefit from the opportunities of interdisciplinary collaboration. After its application to the federal-state programme for the promotion of early career researchers has been accepted, RUB is currently implementing 18 new tenure-track professorships. Following a successful tenure evaluation, the respective tenure-track professor will subsequently be awarded permanent tenure. Subject specific evaluation criteria are available at: https://www.geographie.rub.de/evaluationskriterien/

The Faculty of Geosciences at Ruhr-Universität Bochum will be awarding a

W 1 tenure-track professorship for Interdisciplinary Geographic Information Science
anticipated start date: 1 April 2019.

The future tenure-track professor will be representing the field of Geomatics within Geography in education and research.

The future holder of the position contributes significantly to the ongoing process of focussing research activities in the field "Transformation of Metropolitan Spaces", which is the core area of interdisciplinary research at the Department of Geography. By means of spatio-temporal analysis of geodata and heterogeneous mobile data, the spatial effects of societal and economic transformation processes shall be investigated. This research will contribute significantly to the interdisciplinary research field "Digital Transformation in Economy and Society". The willingness for an active cooperation in the Interdisciplinary Center for Geoinformation (IZG) at RUB is expected as well as the active participation in the UAR (University Alliance Ruhr) field of competence "Metropolitan Research".

Preferably, research is oriented towards the following areas:

- Spatio-temporal 2D/3D-analysis of transformative processes and development of scenarios, based on
- Data capture and interdisciplinary integration of geodata as well as
- Analysis of (real time) geoinformation of sensor networks, mobile devices and user generated geodata, respecting
- Interoperability, geodata infrastructure and standardization.

Teaching has to be performed within the study programs of Geography (B.A., B.Sc. and M.Sc.) and in the international double degree program "Transformation of Urban Landscapes" (M.Sc.). Interdisciplinary and inter-faculty oriented teaching in the frame of existing cooperations is expected. The future holder of the position supports the set-up of a new study program "Smart Development of Metropolitan Regions".

An excellent Ph.D. degree in Geography or closely related subjects is mandatory. The candidate has changed his/her university employer after the Ph.D. phase or was employed in research at least two years at a different University from RUB.

The appointment requirements in accordance with § 36 ff. of the Higher Education Act of North Rhine-Westphalia (Hochschulgesetz NW; www.rub.de/appointments) must be met. Other mandatory requirements include:

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- Qualification for and deep commitment to academic teaching;

- Willingness to engage with interdisciplinary research and collaboration;

- Some experience with securing projects with third-party funding;

- Readiness to participate in academic administration.

Ruhr-Universität Bochum is an equal opportunity employer.

Applications and all relevant documents (cover letter, academic CV, list of publications, certificates, list of acquired third-party funding, list of lectures and seminars) are to be submitted by January 15, 2019 to the Dean at the Faculty of Geosciences at Ruhr-Universität Bochum, D-44780 Bochum, e-mail: geodekanat@rub.de.