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Interdisciplinary Center for Scientific Computing (IWR)
Heidelberg Center for the Environment (HCE)
Heidelberg Center for Cultural Heritage (HCCH)

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Position available

PostDoc Geoinformatics

Heidelberg University

A PostDoc position is available in the GIScience Research Group (<http://uni-heidelberg.de/gis>), Department of Geography of the Heidelberg University within a third-party funded research project at the intersection of 3D geodata processing and analysis of user-generated content (e.g. VGI). The GIScience Research Group has a strong emphasis on 3D data processing and analysis (including LiDAR research). The PostDoc should have a demonstrated research track in one or more of the following topics:

- Crowdsourced and Volunteered Geographic Information (VGI)
- Analysis and Modeling of 3D Geodata (e.g. point clouds)
- Algorithms development for (3D) spatial analysis, geoprocessing and fusion of heterogeneous geoinformation (e.g. crowdsourced and VGI)

The position is initially funded for 3 years. Start in early 2015.

We expect a PhD in either Geoinformatics, Geography, Computer Science or related fields, as well as strong and demonstrated research experience and know-how in Geoinformatics / GIScience, paired with the ability for independent scientific work, as well as teamwork and leadership. Proven experience in the acquisition of third-party funding is an asset.

We offer an attractive job in an international and interdisciplinary dynamic team with excellent possibilities for research and further qualification. The GIScience Research Group is member in the Interdisciplinary Center for Scientific Computing (IWR), the Heidelberg Center for the Environment and the Heidelberg Center for Cultural Heritage (HCCH). The University of Excellence Heidelberg belongs to the internationally top ranked universities and offers an especially stimulating research environment: <http://www.uni-heidelberg.de/university/rankings/>

Please send the common documents (cover letter, CV incl. grades, publications and further scientific achievements) to Mrs. Bettina Knorr: bettina.knorr@geog.uni-heidelberg.de (Managing Assistant of Prof. A. Zipf and Jun.-Prof. B. Höfle). Selection of candidates starts from January 2015 until the position is filled.