University of Zurich UZH

Department of Geography

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RE: Doctoral research assistant position in geovisual analytics (open topic)

The *Geographic Information Visualization and Analysis* group at the University of Zurich invites applications for a doctoral research assistant position in Geographic Information Science/Geovisualization to work on a research project related to geovisual analytics. The highly motivated, successful applicant is asked to suggest, develop, and answer a timely and relevant research question related to spatio-temporal knowledge discovery and knowledge construction using geovisual analytics displays. A research focus in (text or multimedia) spatialization is also welcomed.

Applicants are required to have successfully completed a Master's degree (by thesis) in a relevant area, e.g., Geography, Geographic Information Science, or Computer Science. You have an established background in quantitative and/or qualitative methodologies for (online) data collection and data analysis. You are familiar with information visualization including (carto-)graphic design and (geo-)data mining. You have solid implementation skills (e.g., Java, JavaScript, C#, or similar) and are confident in, for example, implementing an interactive geovisual analytics system. You have a proven ability to work independently on guided projects, and you are interested in presenting your results orally and in publications to a larger scientific audience. You have a very good standard of written and spoken English, and knowledge of German, whilst not required, would be an advantage.

The successful candidate will be hired on a 1-year contract (starting May 1st, 2018 or soon thereafter), which will be extended to the nominal 4-year PhD period after positive evaluation. For more background information about this position, please visit us on the Web at http://www.geo.uzh.ch/giva. For informal thematic inquiries about this position please contact Dr. Halldór Janetzko (Groupleader), Email: halldor.janetzko@geo.uzh.ch (subject: PhD GeoVA), or by phone: +41-44-635-5152.

Applications must include a motivation letter with sample research questions, a CV, transcripts, and the contact information of two referees and should be send as a PDF document.. Apply digitally to: Human Resources, Department of Geography, University of Zurich, Winterthurerstr. 190, CH-8057 Zurich, Switzerland, Email: yvonne.wagener@geo.uzh.ch (subject: GeoVA PhD). Review of applications will begin April 1st 2018, and will continue until the position is filled.