



PhD Student Search in Geovisualization/GIScience

Project: Vision to Visualization - Improving computational and human performance with highly realistic three-dimensional geographic visualizations by means of biomimicry (VISDOM)

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 3-year project. The applicant will develop his or her research questions within the scope of the project, which will lead to a doctoral degree. The project requires a systematic evaluation of information-rich visualization environments, such as three-dimensional (3D) city models, digital globes, and geo-virtual reality applications. During the project's life-cycle, developing human-visual system inspired ("biomimicry") visualization designs and a series of user studies are foreseen.

Applicants are **required** to have successfully completed a Master's degree in a relevant field, e.g., Geography, Computer Science, Geoinformatics, Geographic Information Science or Psychology/Cognitive Science. Experience and skills in computational visualization methods and programming as well as a strong interest in human-computer interaction and Geographic Information Science (in particular 3D spatial data representation and handling) is essential. You have a proven ability to work independently on guided projects, and are motivated to present your results orally and in publications for a larger scientific audience. A very good standard of written and spoken English is necessary. Knowledge of German, whilst not required, would be an advantage.

The position, housed in the GIScience Center of the Geography Department, is estimated to start in September 2014, but an earlier or later date is negotiable.

For more background information about the department please visit us on the Web at <http://www.geo.uzh.ch/gia/aboutus/> or direct any informal enquiries about the position to the address below.

Please apply electronically to: Dr. Arzu Çöltekin, Email: arzu.coltekin@geo.uzh.ch (Subject: PhD in VISDOM). Please include a motivation letter, your CV, transcripts and two recommendation letters as well as other supporting documentation you find appropriate. Review of applications will begin immediately, and will continue until the position is filled.