



Department of Geography · Berliner Str. 48 · 69120 Heidelberg · Germany

Chair of GIScience

Prof. Dr. Alexander Zipf

<http://giscience.uni-hd.de>

Interdisciplinary Center for
Scientific Computing (IWR)

Heidelberg Center for the
Environment (HCE)

PhD Scholarship available “Historic GIS”

within the Cluster of Excellence:

“Asia and Europe in a Global Context”

Within the Cluster of Excellence “Asia and Europe in a Global Context” at Heidelberg University <http://www.asia-europe.uni-heidelberg.de/en/> we offer a PhD scholarship within an interdisciplinary project involving historians and the GIScience Research Group. The overall aim is to investigate ships as floating transcultural spaces.

The PhD candidate shall develop a Web-based Historic GIS that provides spatial analysis functionalities for detecting spatiotemporal clusters in the unique data source Lloyd’s List. This is providing historic information on global shipping on a daily base. Geocoding and analysing the spatiotemporal Lloyd’s Lists data on the movement of people, goods and information onboard of nineteenth-century ships vividly brings to life the migrational, commercial and, thus, cultural circuits and networks that powered contemporary processes of globalization. Therefore relevant GIS functionality and spatio-temporal cluster analyses shall be made available in a Web platform usable for historic research.

The **scholarship** is 1200 Euro per month plus funding for travel and other costs. The PhD shall start in March 2013.

Requirements - MSc in Geography, Geoinformatics, Computer Science or related area - Background in one or more of the following areas: Web-GIS, SDI, Spatial Analysis, Geocomputation, Historic GIS - Demonstrated strong programming experience - Excellent English skills (written and oral), Excellent communication & organizational skills

Applications shall be directed to Ms. Bettina Knorr (bettina.knorr@geog.uni-heidelberg.de , <http://giscience.uni-hd.de>) until **January 7th 2013** in digital form. The application shall include a detailed CV including grades, technical expertise, letters of reference and list of publications.

The selection of the scholarship holder will be based on quality of the. Heidelberg University is an equal opportunity employer. In case of equality of qualification and suitability of applicants, the applications made by female researchers will be given preferential consideration. Handicapped applicants will be treated preferentially if equally qualified. The graduate college aims at providing best possibilities for combining research and family.

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