DAAD Deutscher Akademischer Austauschdienst
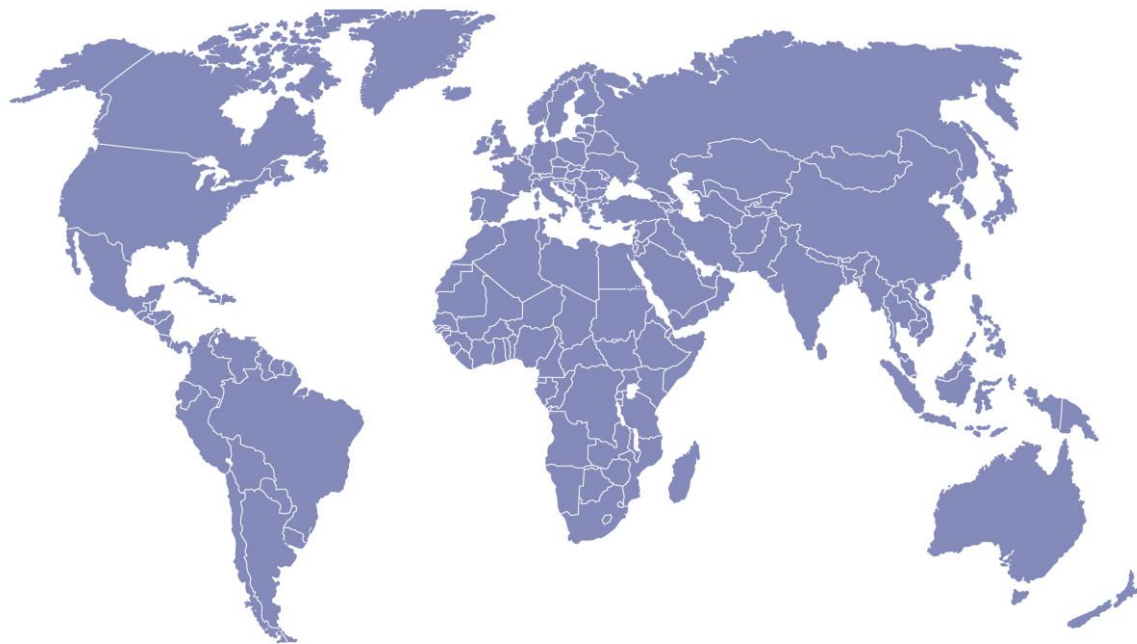German Academic Exchange Service

GeoTraining 2018

Environmental and Remote Sensing Data Analysis via Geospatial Technologies in Research and Teaching

Call for Applications 2018

GOETHE
UNIVERSITÄT
FRANKFURT AM MAIN

Philipps Universität
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German Academic Exchange Service

GeoTraining 2018

Environmental and Remote Sensing Data Analysis via Geospatial Technologies in Research and Teaching

The German Academic Exchange Service (DAAD), with financing provided by the Federal Ministry for Economic Cooperation and Development (BMZ), supports **academic qualification measures** for individuals from developing countries who participate in the In-Country / In-Region Programme. Every year the DAAD awards more than 1,000 BMZ-funded scholarships to **junior researchers** from Africa, Latin America, South East Asia and South Asia to help finance their master's or PhD programmes in their home country or region. These programmes generally have a strong **development-related focus** so that after graduation these trained professionals will be prepared to address problems on a global scale. A further aim of this programme is to **improve the teaching and research** conditions in the partner countries in the long term and strengthen their higher educational structures on location.

Until now participants of the In-Country / In-Region Programme were only able to apply for a research visit in Germany on a case-by-case basis. To increase research visits in Germany and educate scholarship holders in subject-specific and interdisciplinary fields DAAD searched for German universities who are willing to offer summer schools for scholarship holders.

Target Group

The GeoTraining 2018 welcomes **MSc or PhD students from all subjects**. The subject of biodiversity/ecology does not only address the group of agricultural, forestry, and environmental sciences, but invites young academics from Natural Sciences, Mathematics, Economics, Social Sciences, Life and Health Sciences.

Content and Learning Approach

The GeoTraning 2018 at the Goethe-Universität Frankfurt am Main provides a timely opportunity to get updated on the **latest advances in geospatial technologies** and their application for environmental and remote sensing data analysis as well as **for research and teaching** in general and, in particular, for teaching and learning with geoinformation in higher education. In the last years, geospatial technologies used for data collection and processing methods have seen a substantial change. Nowadays, we interact with geoinformation, directly or indirectly, many times during our working and everyday life – using location-aware hardware devices and locational based web services.

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If you are interested in learning more about geospatial technologies for research and teaching then join us for the GeoTraining 2018. You will advance your ***technical-methodical skills*** in handling environmental and remote sensing data analysis by using geospatial technologies within the subject of biodiversity/ecology. Moreover, this training programme aims at the promotion of relevant competencies within the areas of ***higher education didactics, science communication, academic writing,*** professional practices, supervision of term papers and dissertations. With regards to developing generic competencies, the summer school advances skills such as ***dealing with complex knowledge***, learning and self-management skills, presentation skills, academic communication skills as well as team working skills in ***international teams***. Additionally, excursions provide the opportunity to establish contacts with representatives of vocational practice and to gain insight into various ***geospatial technology operational areas***: conservation of national parks, forest and water management, biodiversity, ecology, education management, agricultural management. The participants will visit and get to know different German natural and cultural regions and the fundamentals of the German academic system.

Organizers
The organizers of the summer school are the Department of Human Geography of the Goethe Universität Frankfurt am Main, the Faculty of Geography of the Philipps-Universität Marburg and the Methodology Center of the University of Koblenz-Landau.

Location and Date
The GeoTraining 2018 will take place at the Goethe-Universität Frankfurt am Main, Germany from ***September 2nd until 28th, 2018***.

More information and application
You will find all necessary information about organisation, content, learning outcomes and the application regularities on our GeoTraining 2018 website.

www.geotraining.geodu.org

We are looking forward to your application until March 1st, 2018

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