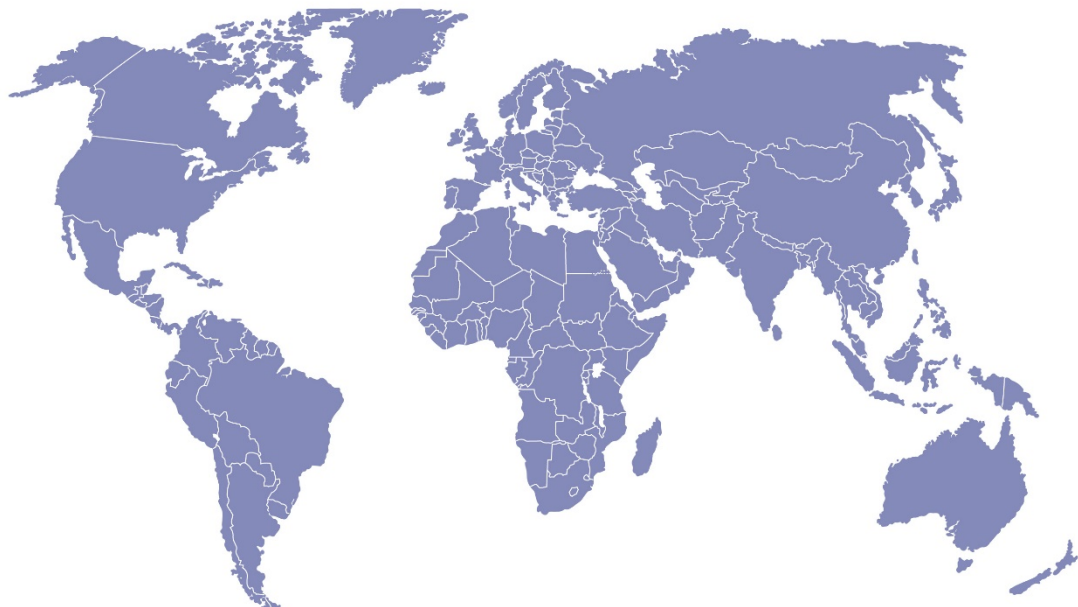


GeoTraining 2021

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

Digital summer school event

**Goethe-Universität Frankfurt am Main, Germany
August 30th until October 08th, 2021**



Call for Applications

With financial support from the



Federal Ministry
for Economic Cooperation
and Development

GeoTraining 2021

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

The German Academic Exchange Service (DAAD), with financial support 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, the Middle East, Latin America, South East Asia and South Asia to help finance their Master or PhD programmes in their home country or region. The programme aims to enable trained professionals to address and deal with diverse societal, economic and ecological issues in developing countries. A further objective is to sustainably **improve the teaching and research** conditions in the partner regions and to strengthen their higher education profile.

As an additional offer for scholarship holders of the In-Country / In-Region Programme, the DAAD cooperates with German universities in organising a range of summer schools in Germany. These four-week measures give the students and young researchers an opportunity to take part in a high-class academic training in a selected subject area, meet and exchange with peers from across the world, and make their own, unique experiences of the German society, culture and history. In general, the selected candidates are invited to Germany to attend the course, however on account of the Covid-19 pandemic induced restrictions the courses will be offered in an 'Online' format.

Target Group

The GeoTraining 2021 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 GeoTraining 2021 hosted by 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.

If you are interested in learning more about geospatial technologies for research and teaching then join us for the GeoTraining 2021. 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, you will get the opportunity to establish contacts with representatives and experts 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.

Organizers

The summer school is organized as an online event hosted by the Department of Human Geography at Goethe-Universität Frankfurt am Main with support of the Faculty of Geography of the Philipps-Universität Marburg.

Date

The GeoTraining 2021 will take place online from **August 30th (Kick-off session) until October 08th (Closing session), 2021**.

Technical requirements

To participate in the online summer school event you will need to have a standard laptop or Desktop-Computer, a webcam, and a headset. Working with mobile devices like smartphones is not recommended. You will get payed sufficient internet data traffic as part of the funding by the DAAD to fully experience the learning environment. The learning platform Moodle is used to organize the teaching and learning events and for in-class communication with the participants. Videoconferences are organized via Zoom which is available at Goethe University due to a corresponding license.

Eligibility criteria & provisions

In order to apply, you have to be an active scholarship holder of the DAAD's In-Country / In-Region scholarship programme, as of 1st January 2021 (if your scholarship expires before or starts after that date, participation is not possible).

Applicants have to provide proof of their English proficiency, as the language of communication in all summer schools will be English. If you are not sure about your level of fluency and/or the suitability of your documents, please contact the coordinators at the university in charge.

Kindly note that applying for and attending one of the summer schools must not compromise your regular study programme commitments or duration. This should be considered especially by those applicants that have reached the final year of their scholarship. Attending a summer school will not be accepted as justification for extension of your current In-Country / In-Region scholarship.

You may submit an application for up to two summer schools in 2021. However, participation will be possible in only one of them.

Please mind that participation is possible only once: If you have joined one of the In-Country / In-Region programme's summer schools in the last years, it will not be possible to participate again in 2021.

Further comments

The programme aims to achieve a fair gender balance amongst the participants. Further, it is foreseen that the group represents a balance of Master students and PhD candidates.

People with disability are explicitly encouraged to apply! Should you have questions or concerns, please do not hesitate to contact the coordinators at the university or the team at the DAAD.

More information and application

You will find all necessary information about organisation, content, learning outcomes and the application regularities on our GeoTraining 2021 website

<https://geotraining.geomedienlabor.de>

We are looking forward to your application until March 28th, 2021.

Contact details GeoTraining programme coordination

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