

**Terms of Reference**

**Call for individual consultants to develop and conduct a training on climate change for higher education professionals in Pakistan**

**About us**

The University of Kassel is a modern and growing university with around 23,000 enrolled students. The university's wide range of expertise covers subjects in the natural, applied, cultural and social sciences. We aspire to contribute to the sustainable development of society through relevant and future-oriented research as well as through modern education of graduates and knowledge transfer to our region and beyond.

**Background**

Pakistan exemplifies a high vulnerability to climate-related impacts but a relatively low integration of climate change into curricula in higher education institutions. Consequently, the country demonstrates limited engagement and awareness of students on climate change issues, particularly from an interdisciplinary perspective, and inadequate scope and scale of climate change research in general. To this end, the project "Mainstreaming climate change into higher education and research in Pakistan" seeks to address this gap by developing course modules and trainings on topics related to climate change, which are important in the context of Pakistan, but show large gaps in terms of university curricula.

In this backdrop, six bachelor's and master's courses related to different natural and social science topics have already been developed as part of this project. Furthermore, the project seeks to train potential teachers on specific topics related to these courses and to ultimately build a strong network at higher education level in Pakistan as well as with German counterparts in academia and research. The project is funded by the German Federal Ministry for Economic Cooperation and Development (BMZ) and supported by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH. This initiative is jointly led by the University of Kassel (UK) and the Potsdam Institute for Climate Impact Research (PIK), Germany.

**Duties and responsibilities**

Objectives of the assignment:

The purpose of this assignment is to develop training material and conduct two training sessions for higher education professionals and researchers. The consultant is expected to design a complete training module outlining the training contents, session plan and training material. All training content and sessions should be provided in English.

Scope of work:

The consultant will be responsible for carrying out the following tasks:

- Develop training material for two full days of training covering the topic '**Handling climate data**'.
- Conduct two-day trainings (in-person) for Pakistani university teachers and researchers in each of the following cities: Islamabad and Lahore.
- Organize the printing of the materials and/or copying them onto a USB stick. Note: costs will be covered by the project.
- Share all training material, including training PowerPoints, extra reading material etc. with the participants.
- Hold regular meetings with University of Kassel's project management team to discuss the progress on the development of the training module.

The consultant is expected to develop a comprehensive training module that will help the participants in understanding and accessing the tools needed to work effectively with climate data. The training contents are expected to explore different types, sources and formats of climate data. It can also include topics such as data collection and acquisition, cleaning, analysis and interpretation and application of climate data.

#### Timeline, reporting & additional funding:

The consultant will be engaged under the individual contract, delivery-based with a specific delivery schedule, covering the period from October 15, 2024 to January 31, 2025.

Deliverables	Due date
Draft outline of the training sessions including learning outcomes, methodology, list of topics to be covered etc.	October 25, 2024
Training material including training slides and handouts	December 10, 2024
Two-days training session in Islamabad	January 2025
Two-days training session in Lahore	January 2025

This contract will be offered against a competitive compensation of **5000 Euros (Net)**, which will be paid in two phases (30% after the submission of the first draft of the training sessions outline and 70% at the completion of the consultancy assignment, i.e. conduction of trainings in Islamabad and Lahore). The trainings are scheduled to take place in the beginning of January, 2025. The consultant will work closely with the project team and report directly to the University of Kassel's project management team.

Lastly, University of Kassel will be responsible for organizing the venue, selection of participants and covering all associated training-related costs. The university will additionally cover the consultant's travel expenses, accommodation, and per diem for trainings in Islamabad and Lahore.

#### **Required experience and skills**

- A postgraduate degree or equivalent qualification in climate modelling, environmental sciences, environmental policy or other related disciplines.
- At least 5 years of relevant professional experience in climate change data, modelling or related fields.
- Strong knowledge of theoretical and practical aspects of climate data, either in the Pakistani context or a willingness to apply knowledge to the Pakistani context.
- Excellent analytical, writing and oral communication skills in English.
- Knowledge and experience in developing and conducting training modules at higher education level will be a plus.

#### **How to apply**

The consultancy application must consist of the following two attachments:

- A cover letter (max. 2 pages) outlining an understanding of the scope and activities, motivation to undertake it and demonstrating a fit for the assignment. Kindly include a brief summary of the proposed training contents and design in your cover letter.
- An updated CV demonstrating relevant previous academic and professional experience.

Please send your application by **October 7, 2024** to Samavia Batool (samavia.batool@uni-kassel.de) and Dr. Daniela Schwarz (daniela.schwarz@uni-kassel.de).