

Cutting-edge Research for a Changing World



Helmholtz-Zentrum
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PhD Position on integrating climate change adaptation and disaster risk reduction

Reference code: 50094017_4 – 2023/KG 5
Commencement date: as soon as possible
Work location: Hamburg
Application deadline: May 1st, 2023

The Climate Service Center Germany (GERICS), a scientific organisational entity of the Helmholtz-Zentrum Hereon, invites applications for a PhD Student Position in the EU funded project under Horizon Europe Innovation Action: The Human-Tech Nexus – Building a Safe Haven to cope with Climate Extremes (The HuT). The position is limited to 3 years and is intended to complete with a PhD. The place of employment is Hamburg.

GERICS develops science-based prototype products and services in support to government, administration and business in their efforts to adapt to climate change. It builds up a national and international network structure in order to integrate existing competences and knowledge, and to link various actors within the complex area of climate change.

The goal of the The HuT project is to integrate the long-term planning of climate change adaptation together with the early warning systems in the disaster risk reduction. The HuT will mainly focus on the prevention and preparedness phases of the disaster risk management cycle, explicitly considering climate change scenarios and integrating the proposed set of solutions, for the various events considered, over short- (from days to several months) and long-term (from years to decades) time horizons. Hereon is the leader of work package on constituting an arena with other partners for ten demonstrators to test and realise their fast-track implementation of integrated disaster risk reduction and climate adaptation solutions. Hereon will co-develop narratives approaches with stakeholders by integrating the expertise, knowledge, data, and services. Additionally, Hereon is leading a task of carrying out the cost-benefit, cost-effectiveness, and multi-criteria analysis together with stakeholders.

This research position will support the work package on narrative co-creation with stakeholders, co-development of narrative driven climate information and conducting the cost-benefit, cost-effectiveness, and multi-criteria analysis together with stakeholders.

Equal opportunity is an important part of our personnel policy.

Your tasks

- conduct cost-benefit, cost-effectiveness, and multi-criteria analysis with stakeholder engagement
- carry out valuation methods of calculating monetary and non-monetary benefits of climate change adaptation by including the affordability, economy, and equitability of adaptation
- prepare data (for instance, data collected from stakeholder interviews, etc.) for analysis, and deliver data and coding in accordance with the FAIR criteria
- support to co-develop narratives with stakeholders from case studies named demonstrators in the project (e.g. by using the narrative economics approach, storyline and scenarios co-development in participatory approaches with stakeholders, etc.)
- write scientific publications

Your profile

- Master/Diploma degree in interdisciplinary disciplines, such as economics, sustainability, environmental and energy management, global development, or open to any related discipline
- prior knowledge and experience of cost-benefit, cost-effectiveness, and multi-criteria analysis, or any valuation methods calculating benefits of climate change adaptation measures
- practical experience working with stakeholders (e.g. stakeholder engagement, interviews, participatory, co-design and co-development approaches)
- interest to work with integrating climate change adaptation and disaster risk reduction
- excellent fluency in English in writing and speaking, ideally another language of EU countries due to case studies work, but not a must
- interest in stakeholder interaction, teamwork in an interdisciplinary and international environment
- a quick learner able to carry out both independent and team work
- excellent analytical and problem-solving skills with a proactive and continuous improvement approach

We offer you

- an exciting and varied job in a research centre with more than 1,100 employees from around 50 nations
- individual opportunities for further training
- social benefits according to the collective agreement of the public service
- an excellent technical infrastructure and modern workplace equipment
- 6 weeks holiday per year and company holidays between Christmas and New Year's Day
- very good compatibility of private and professional life through offers of mobile and flexible work
- PhD Buddy Program
- free assistance program for employees (EAP)
- corporate benefits
- office location in the heart of the city of Hamburg in the historic Chilehaus

Severely disabled persons and those equaling severely disabled persons who are equally suitable for the position will be considered preferentially within the framework of legal requirements.

Helmholtz-Zentrum Hereon
The Helmholtz-Zentrum Hereon conducts cutting-edge international research for a changing world: Around 1,100 employees contribute to the tackling of climate change, the sustainable use of the world's coastal systems and the resource-compatible enhancement of the quality of life. From fundamental research to practical applications, the interdisciplinary research spectrum covers a unique range.

Climate Service Center Germany (GERICS)

The interdisciplinary team at Climate Service Center Germany (GERICS), an institution of Helmholtz-Zentrum Hereon, develops science-based prototypical products and services to support decision makers from politics, economy and public administration in adapting to climate change. GERICS is an independent scientific organizational unit of the Helmholtz-Zentrum Hereon located in Hamburg's center.

Content-related inquiries regarding this position can be directed to

Dr. Jo-Ting Huang-Lachmann

Interested?

Then we are looking forward to receiving your comprehensive application documents (cover letter, CV, transcripts, certificates etc.) indicating the reference number 2023/KG 5 until May 1st, 2023.

[Apply now](#)



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