

## **PhD student position (m/f/d)**

**code no. 2019/CS 3**

The place of employment is Hamburg, Germany

The Helmholtz-Zentrum Geesthacht in Geesthacht, near Hamburg, and in Teltow, near Berlin, conducts materials and coastal research. You can find more information at <http://www.hzg.de>.

The Climate Service Center Germany (GERICS), a scientific organizational entity of Helmholtz-Zentrum Geesthacht, Centre for Materials and Coastal Research, invites applications for a **PhD student (m/f/d)** to support the research activities of the project CoastalCS@GERICS. This project is funded under the HZG I2B call. The position is limited to 36 month.

Coasts and oceans are important elements of the Paris Agreement on climate change, the SDGs and many other global goals. Sustainable coastal urbanisation is a critical challenge in a changing environment. The impacts of climate change are permanently affecting our relationship with the ocean at the coastal margin. Contemporary preference for adaptive management of the coast, and the use of area-based management tools such as ICZM, MSP and MPAs, still does not recognise and incorporate the impact of climate change. Climate services are one mechanism to advance creative and innovative transformation of ocean-climate data into decision-making. The overall objective of CoastalCS@GERICS is to define and develop the use of climate services in coastal urban settings including coastal cities. It will do this through the establishment and maturation of the foundation for coastal climate services. The project will analyse coastal systems and its component parts in order to understand the behaviour and changes of complex coastal system. It will generate spatially explicit, actionable information to develop coastal and ocean management, governance and adaptation strategies.

### **Areas of responsibilities:**

The position will focus on independent, self-governed research on the integration of climate change data and information with coastal and marine management and governance systems to provide a good basis for decision making, coastal planning and development. This position will focus on research to support the development of coastal climate services.

### **Profile of candidate:**

The candidate must be open for multi-disciplinary research, and have a Master degree in Earth Sciences, Hydrology, Economics, Civil/Environmental Engineering, or similar subject. Knowledge of coastal systems (bio-geo-physical, social and economic) and policy, statistical methods, and modelling is required. The position involves collaboration and communication in a larger research team of researchers from other disciplines involved in international research projects. The candidate should be proficient in English and at least one other international language (German, Spanish and/or French would be of advantage). Since we are a German institution we support you to learn German.

The opportunity to write a PhD Thesis is a key element of this position.

For any inquiries regarding the position, please contact Dr. Louis Celliers ([louis.celliers@hzg.de](mailto:louis.celliers@hzg.de)).

### **We offer:**

- multinational work environment with over 950 colleagues from more than 50 nations
- extensive options of vocational training (i. a. expert seminars, language courses or leadership seminars)
- flexible working hours and various models to ensure the compatibility of family and career
- excellent infrastructure, including a scientific in-house library as well as modern work spaces
- an appropriate salary related to the German public tariff (TV-AVH) plus the usual social benefits for the public employment sector

The promotion of equal rights is a matter of course for us. Severely disabled persons and these equals severely disabled persons who are equally suitable for the position will be considered preferentially within the framework of legal requirements.

### **Interested?**

Please send your application indicating job offer **code-no. 2019/CS 3** including your CV, description of your scientific expertise, publication list, copies of credentials including grades, and names and addresses of three academic referees by e-mail in one file not larger than 10 MB to [personal@hzg.de](mailto:personal@hzg.de).

Closing date for application is April 14th, 2019.