

Scientist (m/f)

code no. 2015/CS 8

The place of employment is Hamburg.

The Helmholtz-Zentrum 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, an independent scientific establishment within the Helmholtz-Zentrum Geesthacht, Centre for Materials and Coastal Research, invites applications for a **Scientist (m/f)**, starting October 1st, 2015 (subject to the financing), as part of the BMBF funded research project MiKlip2. Within MiKlip2 an operational decadal climate forecasting system will be developed and implemented. Within the project the contribution of the Climate Service Center Germany will be the demonstration of the usability of decadal climate forecasts for private companies. For this purpose the Climate Service Center Germany will develop jointly with partners from the private sector prototype products on the base of decadal climate forecasts that support companies to implement climate adaptation in their strategic planning process.

The position is initially limited to two years.

Areas of responsibilities:

- literature research with respect to the demand and the application of decadal predictions in practice
- development of pilot studies using decadal predictions for different sectors and regions
- product-based analysis of decadal predictions
- selection of the most promising pilot studies (based on prediction skill among other criteria) and bringing the selected pilot studies into practice in close cooperation with the project partners
- analysis of the information demand of industry partners regarding decadal predictions. The results are also reflected back to the developers of the decadal prediction system in order to optimize it for application
- organization of workshops in order to develop the pilot studies together with partners (bilateral and sector-overarching)
- compile scientific publications of the findings of the different areas in related international peer-reviewed research journals

Profile of qualifications:

- a university degree in natural sciences or earth science is essential, a Ph.D. in an appropriate discipline would be beneficial
- research experience in the field of climate or climate impact modelling
- extensive experience in the practice-oriented inter-/transdisciplinary field of climate and climate impact research
- experience in working with the private sector
- experience in communicating scientific results to scientists as well as in the dialog with decision makers and users of climate information products
- excellent written and oral communication skills in German and English, as well as a record of peer reviewed publications in order to demonstrate the ability to publish work in scientific literature
- willingness to work in an international and interdisciplinary team at the Climate Service Center Germany
- interest on thematic areas related to climate services beyond the pure model development and scientific analysis of data and processes is expected as the focus of our center is on the provision of decision relevant information

Informal enquiries can be directed to Dr. Claas Teichmann (claas.teichmann@hzg.de) or Dr. Andreas Hänsler (andreas.haensler@hzg.de).

We offer an appropriate salary related to TV-AVH as well as the usual public sector social benefits. The advancement of equality at the Helmholtz-Zentrum Geesthacht goes without saying; in particular, we are striving to increase the percentage of women in the science sector. Severely disabled persons with equal qualifications will be considered preferentially within the framework of legal requirements.

Please send your application indicating job offer **code-no. 2015/CS 8** including your CV, description of your scientific expertise, publication list, copies of credentials including grades, and names and addresses of three academic referees preferably by e-mail in one file not larger than 10 MB to personal@hzg.de or to Helmholtz-Zentrum Geesthacht, Max-Planck-Straße 1, 21502 Geesthacht, Germany.

Closing date for application is **September 8th, 2015**.