



The **Global Climate Forum (GCF)** is a non-profit research institute based in Berlin that brings together representatives of different parties concerned with climate change and sustainable development including energy industries, insurance and finance enterprises, policy-makers, environmental NGOs, and scientists in order to carry out joint studies that provide arguments for climate mitigation and adaptation policies leading ultimately towards a sustainable development path.

GCF collaborates in a new major international research effort, the Center of Excellence for Global Systems Science (CoeGSS), funded by the European Commission. Global Systems Science (GSS) is an emerging research field focused on the risks and opportunities involved in global coordination problems, e.g. concerning financial markets, global energy use and others. Addressing typical GSS research questions, the relevant datasets are mostly very large, and may include highly heterogeneous data sources, e.g. data streams from social media. The Center of Excellence aims at making High Performance Computing (HPC) and Data Analysis usable in GSS to address complex societal and scientific problems. A key contribution of CoeGSS will be the development of an HPC-based framework to generate customized synthetic populations for GSS applications. GCF's research focus within the project is green growth.

To complete our team in the Research Process Green Growth, GCF invites applications for a

Data hungry researcher

The successful applicant is expected to contribute to and/or lead GCF tasks in CoeGSS. This involves

- Research relating to synthetic populations in view of green growth opportunities
- Big data collection and analysis, as well as modelling, with high performance computing
- Communication and dissemination activities such as the production of newsletters and the organization of workshops

What we offer

- The opportunity to work in a high-profile, international research project
- Excellent contacts to a range of national and international political and research organizations
- A young, friendly and highly motivated working environment at the Mercator Center Berlin, which unites a range of NGOs and political actors addressing climate change

Requirements

- Skills and experience in finding and processing big data
- Familiarity with high performance computing
- An interest in the field of climate change/green growth, ideally some background in economics
- PhD or equivalent experience
- Good oral and written communication skills in English
- Ability to learn fast and to quickly understand new issues

This position can start from October 2015 and runs until the end of September 2018. Extension is not excluded. Applications should include a cover letter and CV and should be sent as a single pdf file by e-mail to Sarah Wolf (sarah.wolf@globalclimateforum.org). For further information and details on this position please contact Sarah Wolf.