



## Post-Doctoral Position (100%)

*Reference number PD\_2019\_2*

**MCC's working group on Governance is looking to recruit a post-doctoral researcher with a background in economic modelling, specifically optimal taxation and/or environmental economics. The research will analyze the role of inequality for carbon pricing.**

### **Job duties**

The successful candidate will be located at the Mercator Research Institute on Global Commons and Climate Change (MCC) in Berlin. The work is part of the project CHIPS (Climate Change Impacts and Policies in Heterogeneous Societies) involving cooperation with the University of Gothenburg, Paris School of Economics, Princeton University and the Potsdam Institute for Climate Impact Research (PIK). The project investigates the distributional effects of climate impacts and climate policies in an integrated framework, including synergies and tradeoffs with the Sustainable Development Goals. It will be shaped by a stakeholder dialogue and coproduction process.

Major tasks of the candidate are:

- Conceptual analysis of intra- and intercountry economic inequality in models of climate change mitigation, applying analytical tools from cost-benefit analysis and optimal taxation theory;
- Estimating optimal global carbon taxes in a numerical integrated assessment model, providing updated values of the social cost of carbon taking into account inequality;
- Operationally managing the project, coordinating scientific partners, ensuring timely delivery of project outputs and organizing the communication of project results.

The candidate will join the Working Group "Governance" and work with group leader Dr. Ulrike Kornek in implementing the project. Work will be carried out in close collaboration with the project partners. Project outputs will be published in international peer-reviewed journals and disseminated into policy and the general public using appropriate communication channels in collaboration with all project partners.

### **Job requirements**

Applicants should meet the following requirements:

- PhD in economics with experience in environmental, resource or climate change economics and/or theory of optimal taxation; alternatively a PhD in related fields such as mathematics with a background in economic modeling;
- a record in analytical modelling (optimization; equilibrium models);
- experience in one programming language such as GAMS, Matlab, Python, R, Julia or comparable languages is an asset;
- proficiency in English and ability to publish in renowned peer-reviewed international journals;

### **We offer:**

- working in a dedicated and motivated multi-cultural team;
- opportunity to contribute to tackling key global challenges;
- flexible and family-friendly working times and possibilities for home office;
- participation in employee retirement provision scheme;
- an attractive workplace at the EUREF - Campus in Schöneberg, Berlin.

The MCC values a collaborative working place environment that supports diversity, tolerance, and equity.

We aim to improve the share of women and especially welcome applications by women, see our equal opportunity strategy [here](#). MCC provides an exciting, collaborative, interdisciplinary and international research and working atmosphere.

### **Appointment terms**

The position is financed from September 1<sup>st</sup> 2019 until August 31<sup>st</sup> 2022, subject to formal confirmation by the grant agency. Salary for the position is according to the German TV-L 13 (100% position).

### **Applications**

For application please send an e-mail with the reference number as subject **PD\_2019\_2** to Mrs. Franziska Faber, [faber@mcc-berlin.net](mailto:faber@mcc-berlin.net), with an electronic application by **June 10th 2019**. Applications will be accepted until the position is filled. Please attach the following in one single pdf file:

- Motivation letter
- Curriculum Vitae, mentioning one or two academic references that can be contacted
- One representative academic paper
- Copies of relevant certificates

Please note that only short-listed candidates will be contacted for a job interview. Interviews will take place in the second half of June and in July 2019. For content-related questions please contact Dr. Ulrike Kornek, [kornek@mcc-berlin.net](mailto:kornek@mcc-berlin.net).

### **Portrait of the MCC**

MCC was founded in 2012 by Stiftung Mercator and the Potsdam Institute for Climate Impact Research (PIK). Since 2014 it has been affiliated with the Technical University (TU) Berlin. Our research is carried out in seven working groups and addresses the challenges of climate change and of governing the global commons. Our research is rooted primarily in economics and other social sciences. We provide scientific policy advice and aim at identifying policy-relevant solutions informed by rigorous peer-reviewed research. Cooperation with national and international partner organizations provides a network of excellence and fosters the quality of the research at MCC. Within a few years, MCC has established itself prominently in the climate policy research landscape, ranked as No. 1 of climate think tanks in Europe.

For more information about the institute, please visit <http://www.mcc-berlin.net>.