



Post-Doctoral Position (100%)

Reference number PD_2019_1

MCC's working group on Applied Sustainability Science is looking to recruit a motivated post-doctoral researcher with a background in applied environmental or resource economic modelling. The research will analyze the political economy of a global coal phase-out.

Job duties

The successful candidate will be located at the Mercator Research Institute on Global Commons and Climate Change (MCC) in Berlin. The work involves close collaboration with our project partners - the University of Münster (Group of Prof. Andreas Löschel) and the Potsdam Institute of Climate Impact Research (Dr. Nico Bauer, energy system modelling group). Major tasks of the candidate are:

- Develop a model of the coal market with endogenous mine opening at the global as well as national level (case study countries: Germany, Australia, India, Indonesia) and analyze policies;
- Map the literature landscape and conduct a systematic review that assesses the political economy of coal phase-out options in the literature using formal methods of evidence synthesis;
- Operationally manage the project, coordinate across scientific partners, ensure the timely delivery of project outputs and organize the communication of project results.

While the candidate will join the "Applied Sustainability Science" group at MCC, work will be carried out in tight collaboration with the working groups "Climate and Development" as well as "Economic Growth and Human Development". We expect project outputs to be published in leading international peer-reviewed journals and disseminated into policy and the general public using appropriate communicate channels.

Job requirements

Applicants should meet the following requirements:

- PhD in environmental, resource, climate change, or sustainability economics with a record in applied quantitative modelling (optimization; equilibrium models; econometrics);
- proficiency in at least one programming language such as GAMS, Matlab, Python, R, STATA or comparable languages;
- experience with the visualization of research results;
- proficiency in English and ability to publish in renowned peer-reviewed international journals;
- experience with machine learning and scientometric methods for synthesizing large bodies of literature are an advantage but not a necessity.

We offer:

- working in a dedicated and motivated multi-cultural team;
- the opportunity to contribute tackling challenges of climate change and our common future;
- flexible and family-friendly working times and possibilities for home office;
- participation in employee retirement provision;
- an attractive workplace in an old industrial building at the EUREF - Campus in Schöneberg, Berlin.

The MCC values a collaborative working place environment that values diversity, tolerance, and equity. We aim to improve the share of women especially in leadership positions and especially welcome applications by women ([here](#)). MCC provides an exciting, collaborative, interdisciplinary and international research and working atmosphere.

Appointment terms

We aim to fill this position as soon as possible, subject to negotiation. The position is full time (100%) and is paid according to the German TV-L 13. The contract runs ideally from May 2019 to September 2021.

Applications

For application please send an e-mail with the reference number as subject **PD_2019_1** to Mrs. Franziska Faber, faber@mcc-berlin.net, with an electronic application by **March, 1st 2019**, which should contain the following in one single pdf file:

- Motivation letter
- Curriculum Vitae, mentioning two academic references
- One representative academic paper
- Copies of relevant certificates

Please note that only short-listed candidates will be contacted for a job interview. For content-related questions you can contact Prof. Jan Minx, minx@mcc-berlin.net.

Portrait of the MCC

MCC was founded in 2012 by Stiftung Mercator and the Potsdam Institute for Climate Impact Research (PIK) and since 2014 it is affiliated with the Technical University (TU) Berlin. Our research is carried out in seven working groups and it addresses the grand 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 to identify policy-relevant solutions. Cooperation with high-profile international partner organizations provides a network of excellence and foster the high 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>.