



2-year Post-Doctoral Position (100%)

Reference number PD_2021_2

Solving the climate crisis requires the brightest minds. The Mercator Research Institute on Global Commons and Climate Change (MCC) has established itself prominently in the climate policy research landscape. We conduct world-class research on climate solutions and offer an inspiring interdisciplinary environment for scientific excellence.

If you enjoy working in a very collaborative, supportive and international team, you crave to understand what climate policies work, when, and why, and you feel that policy should be informed by the best available scientific evidence - then you may want to apply for this position in MCC's Applied Sustainability Science (APSS) group:

Post-doctoral research position in policy impact evaluation

The successful candidate will focus on evaluating the potential of household actions to contribute to energy demand and CO₂ emissions reductions through behavioral changes, alongside adopting and using new technologies. The aim is to estimate a global emission reduction potential of household actions based on the full breadth of available evidence in the literature using systematic reviewing meta-analysis methods. Specific policy learning will be derived for the case of Germany. For this, the candidate can draw on our experience in using machine learning to conduct rapid and comprehensive reviews.

Job duties

The successful candidate will be located at MCC in Berlin and work in the ARIADNE project funded by the German Ministry for Education and Research. ARIADNE is the largest and most ambitious project in Germany assessing suitable policies to achieve the goals of the Paris Climate Agreement in an integrated approach with stakeholders. It continues existing efforts to assess the potential of demand-side solutions for climate change mitigation and will involve close collaboration within MCC as well as with national and international partners.

Major tasks of the candidate are:

- Publish scientific results in esteemed, peer-reviewed international journals;
- Scope out relevant systematic reviews on household actions to reduce energy consumption and carbon emissions;
- Develop systematic review protocols including strategies for searching, selecting, coding, appraising, synthesizing and reporting scientific evidence evaluating household interventions following relevant reporting standards such as MECIR, PRISMA or ROSES;
- Conduct systematic reviews with a small team;
- Develop robust meta-analytical models for the analysis;
- Turn scientific results into plain-language policy briefs for decision-makers;
- Participate in project meetings and coordinate with other project partners;
- Contribute to project management;
- Presentation of results at international conferences, to project partners as well as policymakers and other stakeholders;

Job requirements

- PhD or excellent master degree in economics, psychology or related fields;
- Advanced skills in econometrics/statistics and quantitative methods;

- Experience in meta-analysis and/or systematic review methodology are assets;
- Coding skills with a relevant statistical software package such as R, STATA or Python;
- Active interest in climate or energy policy impact evaluation;
- Willingness to travel for work 2-6 times per year (project meetings, workshops, conferences);
- Strong motivation and excellent organizational skills;
- Excellent communication and presentation skills;
- Team orientation as well as written and oral fluency in English. German language skills are an asset;

We offer:

- An inspiring, international and interdisciplinary work environment in a world leading research institute on climate policy;
- Working in a dedicated and motivated multi-cultural team;
- A working group that values evidence synthesis for scientific policy advice and is interested in advancing synthesis methods through the use of machine learning;
- Dedicated technical infrastructure for all steps in systematic reviewing including searching, screening and annotation.
- High-impact research: MCC researchers publish in renowned international journals, including Nature, Science, or PNAS and have impacted international climate change assessments such as IPCC reports;
- Participation in a solution-oriented research project with several German and international partners and with immediate policy relevance;
- Opportunities for cooperation with MCC's national and international network of leading climate & energy research institutes and think tanks
- the opportunity to contribute to 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 seek for candidates at the post-doc level to start the position as soon as possible, but also encourage candidates wishing to pursue a PhD to get in touch. The position is funded until 31.05.2023. Remuneration is in accordance with German public tariff scheme, salary group E13 TV-L. It is a full-time position with a weekly working time of 40 hours per week. The position can also be filled on a part-time basis.

Applications

For application please send an e-mail with the reference number as subject **PD_2021_2** to Mrs. Franziska Faber, jobs@mcc-berlin.net, with an electronic application by **Monday, 05.04.2021**, 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>.