

Member of



The climate needs bright minds. The Potsdam Institute for Climate Impact Research (PIK) addresses crucial scientific questions in the fields of global change, climate impacts and sustainable development. It is one of the world's leading research institutions in its field and offers natural and social scientists from around the world an inspiring environment for excellent interdisciplinary research.

PIK's Research Department III – Transformation pathways – is offering a

Postdoctoral position in global energy transition modeling (m/f/d)

(Position number: RD3-tba)

in the field of integrated assessment modelling of climate change starting on **01.10.2023**.

The position is funded for two years until **31.09.2025**. The recruitment is subject to the approval of the project. Extension dependent on external funding is envisaged. Remuneration is in accordance with the German public tariff scheme (TV-L Brandenburg), salary group E 13. This is a full-time positions with a weekly working time of 40 hours per week. The position can be filled on a part-time basis.

Key responsibilities:

- Coordination of the global energy transition scenario analysis with the integrated assessment model REMIND.
- Coordination of development and validation of the global REMIND model together with other researchers working with the REMIND model
- Analysis of sector transitions in the light of national and international climate policy efforts as well as technological progress in key mitigation technologies
- Participation with the REMIND model in international research efforts to explore energy transformation pathways in line with the Paris Climate Goals
- Collaboration with national and global modelling teams from around the world and participation in stakeholder dialogues

Requirements:

- Post-graduate degree (PhD/Dr) in economics, physics, mathematics, engineering, operations research, environmental sciences or a related field
- Experience with integrated assessment modeling of climate change
- Excellent analytical skills and interest in theoretical and applied modeling
- Programming experience, knowledge of R and/or GAMS are assets
- Demonstrated experience in publishing and presenting scientific work

We expect:

- the ability to work independently and on your own initiative
- a methodical and systematic approach
- structured and goal-oriented thinking
- capacity to familiarise yourself quickly with new topics
- creativity and openness to new approaches
- reliability and a high level of motivation
- a high level of competence in oral and written English
- willingness to travel for work (project meetings, workshops etc.)
- capacity for teamwork and organizational talent

We offer:

- the chance to be part of a creative, interdisciplinary team developing the internationally recognized model REMIND,
- a unique environment to push the integrated assessment modeling of climate impacts, energy and land use, and sustainable development to a new frontier
- opportunities for direct stakeholder engagement and high-level policy advice to use your research to make a difference,
- a stimulating working environment in an internationally recognised research institute on Potsdam's beautiful, historic Telegrafenberg campus, a short commuting distance from Berlin,
- Flexi-time and mobile working (up to 40% of your hours),
- opportunities for cooperation with PIK's national and international network of leading climate & economic research institutes and think tanks,
- a collective pay scheme and associated benefits as well as a subsidized travel card.

PIK values equality and diversity. We encourage applications without photo. All qualified applicants will receive consideration for employment regardless of ethnic and social origin, religion, sex, sexual orientation, gender identity, national origin, disability, care responsibilities, or age. PIK seeks to increase the share of women in scientific positions and therefore explicitly encourages women to apply. In cases of equal qualification and within the given legal scope, women will be given preference. PIK also encourages applications by parents returning from parental leave.

Please apply by **17.07.2023** directly using our application form clearly specifying the position you are applying for by providing the reference given above.



The job posting will remain open until the position is filled. Application documents should comprise a letter of motivation, CV, relevant certificates and transcripts, as well as an indication of references. Please upload only one pdf file. We expect the job interviews to happen around mid July 2023.

If you hold an international higher education qualification, please also submit the Statement of Comparability from the Central Office for Foreign Education (ZAB) with your application. In the case that you do not yet have a ZAB Statement of Comparability for your qualification, please be aware that you may be asked to apply for one if your application is successful . You

can find further information on this website: <https://www.kmk.org/zab/central-office-for-foreign-education.html>

For further information or to discuss the position please contact Prof. Dr. Gunnar Luderer (luderer@pik-potsdam.de).