

The Potsdam Institute for Climate Impact Research (PIK) offers three research positions - subject to final authorization of project funds.

The successful applicants will be involved in research on climate change mitigation policies. This research activity is led by the Research Domain *Sustainable Solutions* chaired by Prof. Dr. Ottmar Edenhofer, who also serves as IPCC co-chair of Working Group III on Mitigation of Climate Change.

PIK is an internationally renowned research institution in the areas of climate change, climate policy and climate economics, and provides excellent support for developing a career in these areas.

Please visit our homepage at
www.pik-potsdam.de/research/research-domains/sustainable-solutions

1. Macroeconomist (Post-doctoral position, 3 years).

The research will focus on the role of crucial macroeconomic patterns, such as international trade, endogenous technological change and technology transfer, for mitigation policies.

Research tasks:

Theoretical and empirical work on endogenous technological change.
Supporting the implementation of growth-relevant features in our climate policy model.

Desired skills:

Expertise in economic growth theory (including technological change and innovation) and International Economics.

Experience in the application of mathematical and numerical methods. Skills in CGE modelling and Mixed Complementarity programming are helpful.

Salary and benefits are according to a public service position in Germany (E13 TV-L Ost, approx. Euro 35000-44000 depending on the candidate's qualification).

For further information please contact Dr. Marian Leimbach (Email: [leimbach \[at\] pik-potsdam.de](mailto:leimbach@pik-potsdam.de), Tel: +49 (0)331 288 2556).

2. Energy system modeller (Post-doctoral position, 2 years).

The research will focus on the development, calibration and implementation of an energy system model for Germany as part of the global climate policy model REMIND applied at the Potsdam Institute for Climate Impact Research.

Desired skills:

Experience in energy system modelling and related empirical work. Skills in programming (preferable with GAMS) are helpful.

The position is initially for two years, with an extension of the contract intended. Salary and benefits are according to a public service position in Germany (E13 TV-L Ost, approx. Euro 35000-44000 depending on the candidate's qualification).

For further information please contact Dr. Gunnar Luderer (Email: [luderer \[at\] pik-potsdam.de](mailto:luderer@pik-potsdam.de), Tel: +49 (0)331 288 2671).

3. Energy-economy-climate modeller (PhD Student, 3 years).

The research will focus on the explicit representation of non-CO2 emissions and their abatement potentials in the global energy-economy-climate model suite REMIND applied at the Potsdam-Institute for Climate Impact Research.

A background in Physics, Engineering, Environmental Sciences, Economics, or a related field with a strong interest for inter-disciplinary climate related research is required.

Salary and benefits are according to a public service half position in Germany (E13/2 TV-L Ost).

For further information please contact Dr. Gunnar Luderer (Email: [luderer \[at\] pik-potsdam.de](mailto:luderer@pik-potsdam.de), Tel: +49 (0)331 288 2671).

We expect candidates for all three positions to have a strong quantitative background and interest in applied modelling. Candidates should be proficient in English, and be able to demonstrate the potential for excellence in research.

Equal opportunity in employment is PIK policy. We specifically invite and encourage applications from qualified women as well as from persons with disability.

Applicants should submit a letter of interest, curriculum vitae, relevant publications and a letter of recommendation.

Deadline for Applications: Applications will be evaluated on an ongoing basis until positions are filled. Preferred starting date of successful candidates is June 1, 2009.

Applications should be sent to: Jutta Neuhaus, Email: [neuhaus \[at\] pik-potsdam.de](mailto:neuhaus@pik-potsdam.de), Postal address: Potsdam Institute for Climate Impact Research, P.O.Box 601203, 14412 Potsdam. Electronic submissions are encouraged.