

Doctoral or postdoctoral researcher position: Modelling global economic and environmental effects of policies and technological innovation in the Bioeconomy

The Center for Development Research (ZEF) in collaboration with the Institute for Food and Resource Economics (ILR) at the University of Bonn invites applications for:

- a **doctoral researcher position** (60%, TV-L 13 for 3 years)
- or a **post-doctoral researcher position** with teaching obligations of 2 hours per week (100%, TV-L 13 for initially 1 year and possibility of extension to 3 years)

with a focus on Computable General Equilibrium (CGE) modeling, **starting as soon as possible.**

The selected candidate will conduct research in the project “*Sustainable trade and innovation transfer in the Bioeconomy*” (<https://strive-bioecon.de>) funded by the German Federal Ministry of Education and Research. The project aims at quantitatively assessing potential socio-economic and environmental impacts of bio-based transformation across the global economy with a focus on international trade as a mediating mechanism. Existing global trade models, such as GTAP, will be used and developed further, for example, by disaggregating bio-based sectors and increase spatial detail in selected world regions.

Requirements:

- Degree in economics, agricultural economics, or related fields; doctoral degree in any of these fields for the post-doctoral position
- Demonstrated modelling and programming skills, for example using GAMS, and experience with economic models, such as CGE, partial equilibrium, or Multi-Region Input-Output models
- Willingness to engage in collaboration across scientific disciplines
- Excellent verbal, written and presentation skills in English
- Good intercultural communication and teamwork skills

Remuneration will be according to TV-L (E13) (German salary system for university-based researchers). Please send your letter of interest, a detailed resume, a relevant recent research publications, and names and contact information of two academic references in a single PDF document **by E-mail** to Dr. Neus Escobar at: neus.escobar@ilr.uni-bonn.de

Application deadline: 31 October 2018

ZEF (www.zef.de) is an international and interdisciplinary academic research institute of the Rheinische Friedrich-Wilhelms-University of Bonn, Germany. The University of Bonn is an equal opportunity employer and particularly welcomes applications from female candidates. Please note that only short listed candidates will be contacted.