PhD Position: Modelling economic and environmental effects of trade in the global bioeconomy

The Center for Development Research (ZEF) and the Institute for Food and Resource Economics (ILR) at the University of Bonn invite applications for a PhD position in applied and agricultural economics starting as soon as possible for a period of 3 years. The successful candidate will conduct his/her PhD in the project “Forests in the global bioeconomy: developing multi-scale policy scenarios” funded by the German Federal Ministry for Economic Cooperation and Development and implemented in collaboration with the Center for International Forestry Research (CIFOR). The project aims at developing a better understanding how future developments in the global bioeconomy impact its environmental footprint, which a particular focus on socio-economic processes in tropical forest landscapes and their environmental effects. The selected candidate will collaborate with research groups at the University of Bonn and international partners on developing and implementing forward looking bioeconomy scenario analyses using regional and global economic models, such as CAPRI and GTAP. A focus lies on spatially disaggregating land use impacts of global trade scenarios at subnational levels in selected biomass exporting countries with important natural tropical forests, such as Brazil and Indonesia.

Requirements

- M.Sc. degree or equivalent in agricultural economics and related fields
- Modelling/programming skills, for example, using GAMS.
- Willingness to engage in collaboration across scientific disciplines
- Excellent English oral and writing
- Good intercultural communication and teamwork skills.

The successful candidate will be integrated into ZEF’s International Doctoral Studies Program (http://www.zef.de/doctoralprogram.html) and receive a non-taxed scholarship for 36 months, to cover all living expenses and compulsory matriculation fees at the University of Bonn of currently EUR 250 per semester (including public transport ticket). No additional tuition fees are charged.

Please send your letter of interest, a detailed resume, a relevant recent research product, and names and contact information of two academic references by E-mail to Ms. Vanesa Rodriguez Osuna (contact for all related inquiries): vanesa@uni-bonn.de

Application deadline: Until position is filled

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