

**University of Bonn
Center for Development Research (ZEF)
(Jun-Prof. Lisa Biber Freudenberger)**

invites applications for the position of a

**Junior Researcher (65%, TVL 13)
Land Use and Health
Application Deadline 1. August 2021**

The Center for Development Research (ZEF) is an institute of the University of Bonn, Germany. ZEF's researchers aim to find science-based solutions to development-related issues. ZEF's research departments on Economic and Technological Change, Political and Cultural Change, and Ecology and Natural Resources Management conduct inter and transdisciplinary research in, for and with emerging economies and on global issues with its collaborating research partners around the world. ZEF educates doctoral students in its Doctoral Studies Program. More information is available at www.zef.de.

In the project "At the Science Policy Interface: LANd Use SYnergies and CONflicts within the framework of the 2030 Agenda" (LANUSYNCON) we aim at the conceptual and practical integration of different perspectives, actors and research disciplines to support coherent land use decision making. The insufficient coordination between land use decisions of different political sectors often leads to conflicts of ownership, access and use. This is especially the case in sub-Saharan Africa, where the pressure on land is increasing. In LANUSYNCON we examine the complex trade-offs between different Sustainable Development Goals (SDGs). Knowledge about decision making and land use will be linked with the SDGs in an innovative way and translated into model-based policy decision and land use scenarios. More information is available at www.zef.de/lanusyncon.

The junior researcher will be responsible for the analysis of tradeoffs and synergies between land use change and multiple health dimensions in eastern Africa.

The position will start at the earliest possible date (October/November 2021 anticipated). The contract will be limited till 30th of June 2025. The ambition to pursue an academic career including obtaining a doctoral degree is expected.

We offer:

- Joining a dynamic and international team of researchers.
- Participate in an inter- and transdisciplinary research project with a focus on land use conflicts and synergies in Eastern Africa.
- The opportunity to conduct policy-relevant and integrative research on health and land use change in East Africa.
- Develop spatially explicit land use scenarios based on metadata and collected data.

Requirements and responsibilities:

- Excellent Master degree in Geography, Environmental Economics, Agricultural Sciences, Sustainability Science or related fields.
- Good understanding of land use change and underlying socioeconomic processes.
- Quantitative analytical skills including spatial data analysis
- Experience in conducting interviews and organizing stakeholder workshops.
- Highly proficient in both spoken and written English.

Other skills which may be an advantage for the applicant:

- Research/Work experience in Africa.
- Experience in causal analyses, decision analysis, Bayesian analysis or other probabilistic modelling approaches
- Proficiency in specialized GIS software and R
- Knowledge about international health, land use and socioeconomic data.

Applications (cover letter, CV and certificates) should be sent by e-mail **in one pdf document** (less than 2 MB) to Ms Dewi Idam Sari dsari@uni-bonn.de. Shortlisted candidates will be invited for an online interview and to give a short presentation about their research ideas. ZEF promotes the equality of women and men. Women are therefore especially encouraged to apply.