

The Center for Development Research (ZEF), University of Bonn (Germany), has an opening for:

1 Postdoctoral Researcher in Agricultural Economics (m/f/d, TV-L 13 100%)

to join a large interdisciplinary team of researchers in the second phase of the Excellence Cluster PhenoRob ("Robotics and Phenotyping for Sustainable Crop Production" funded by the German Research Foundation, DFG). The research focus for this position is on the determinants and economic as well as environmental impacts of the adoption and diffusion of robotics, sensing, and other digital innovation for agricultural systems in low and middle-income countries (LMICs). The successful candidate will cooperate closely with Profs. Jan Börner, Matin Qaim, and other PhenoRob researchers.

Your tasks:

- Development of conceptual and theoretical frameworks for the analysis of adoption decisions and impacts of digital agricultural innovations
- Compiling data from various LMICs (secondary data sets, including household surveys, statistical and remote sensing data, possibly also fieldwork in selected countries) on digital technology use and possible effects
- Data analysis using advanced statistical tools and econometrics
- Engagement in collaborative trans and interdisciplinary research and publications with other PhenoRob researchers
- Building an international network of research partners in selected LMICs
- Co-organize events for dissemination of research results and outreach

Your profile:

- PhD in economics, agricultural economics, social sciences, or related disciplines.
- Excellent academic record demonstrating your ability to publish in top-ranked journals
- Demonstrated ability to engage in inter and transdisciplinary research
- Excellent oral and written English language and communications skills
- Strong intercultural skills, team spirit, and willingness to travel

We offer:

- A stimulating international & interdisciplinary research environment
- Excellent networks of national and international partners
- Support in personal career development
- A contract for a period of four years and opportunities to engage in new third-party funding initiatives

The University of Bonn is committed to diversity and equal opportunity.

Please send your application latest by December 15th, 2025, to Stefanie Müller-Feigl at: umwelt@ilr.uni-bonn.de.

Applications should come in a single PDF file and include a short application letter highlighting your most relevant publication, a CV including full publication list, the PhD degree certificate, title and abstract of the PhD thesis as well as names and contact details of two reference persons. For questions on the position, please contact Prof. Dr. Matin Qaim (mqaim@uni-bonn.de) or Prof. Dr. Jan Börner (jborner@uni-bonn.de).

More details about ZEF: www.zef.de, more details about PhenoRob: <https://www.phenorob.de/>