

The Institute of Crop Science and Resource Conservation (INRES) at the University of Bonn is offering a

## doctoral research scholarship

on generating impact forecasts for development and research innovations in several African countries.

The doctoral student will work within the “INTERFACES” project, which is funded by the German Federal Research Ministry (BMBF). INTERFACES supports and coordinates outreach activities for four Research and Development (R&D) projects working on sustainable land management in Sub-Saharan Africa, funded under the umbrella of BMBF’s “Research for Sustainability” Strategy. INTERFACES will support collective processes that enable and contribute to gender-responsive transformative change between all relevant stakeholders, such as contributors to the R&D projects, other scientists, policy-makers and practitioners in Africa.

The **working group of Prof. Dr. Eike Luedeling** ([www.hortibonn.de](http://www.hortibonn.de)) works on horticultural systems, with a focus on holistic systems analysis, risk assessment, and decision analysis and support. Further areas of work are climate change impacts on horticultural systems, fruit tree dormancy and agroforestry.

- Your tasks:
- Develop impact pathways for interventions that are planned and undertaken within the projects that are supported by INTERFACES, using the working group’s decision analysis / holistic modeling methods
  - Conduct workshops with farmers, academic experts and other stakeholders to develop models through inclusive participatory processes and to elicit expert knowledge
  - Implement expert-informed models in R
  - Support project administration and prepare reports
- Your profile:
- Masters-level degree, completed by the time of employment
  - Experience and/or interest in decision analysis and holistic modeling
  - Ability to facilitate participatory modeling workshops
  - Good programming skills (ideally in R)
  - Fluency in English (speaking and writing)
  - Fluency in French is a major advantage
  - Motivated, flexible, team-oriented and ability to work under pressure, assume responsibility and work independently
  - Willingness and ability to travel to West, East and possibly Southern Africa for extended periods of time and a high degree of cultural sensitivity
- We offer
- Stimulating international and interdisciplinary research environment in a young, diverse and dynamic team
  - The possibility of earning a PhD (Dr. agr.)
  - Full funding for field work, travel, and related research costs and support of personal career development
  - An opportunity for application-oriented research in a highly relevant research area
  - Excellent networks of national and international research partners

The University of Bonn is a champion of diversity and equal opportunity. It is certified as a family-friendly university. The university aims to raise the share of women in all areas where women are currently underrepresented and to specifically support their careers. Consequently, women are emphatically encouraged to apply. Applications will be treated according to the equal opportunity laws of the State of North-Rhine-Westphalia. Applications by suitable candidates with severe disabilities and candidates of equivalent status are particularly welcome.

If you are interested in this position, please send your application documents by email to [a.sollik@uni-bonn.de](mailto:a.sollik@uni-bonn.de) by **January 15<sup>th</sup> 2023**, with the **subject line “INTERFACES doctoral student position”**. Application documents should include a motivation letter, CV, transcript and certificate of Bachelor and Master’s degree, title and abstract of the Master’s thesis, and names and contact details of two reference persons. For technical reasons, all documents must be submitted **in one single pdf-file**. For further information, please contact Prof. Luedeling (email: [luedeling@uni-bonn.de](mailto:luedeling@uni-bonn.de)).