The University of Bonn is an international research university covering a wide array of subjects. 200 years of history, around 38,000 students, more than 6,000 staff and an excellent reputation within and outside Germany: the University of Bonn is among the most significant German universities.

The Institute of Crop Science and Resource Conservation is looking to fill as soon as possible (earliest 1st June 2020), for a fixed term of 3 years, the position of a

**Research Associate (65%)**

The working group of Prof. Dr. Eike Luedeling works on projecting climate change impacts on horticultural systems. Special emphasis is placed on holistic systems analysis, risk assessment, and decision analysis and support. An important focus of the group is the exploration and modeling of dormancy processes in fruit trees.

The position is located in the project

„Adapting Mediterranean Orchards – science-based design of resilient fruit tree portfolios for the Mediterranean region (AdaMedOr)“

Starting in June 2020, this project will undertake research on climate change impacts on fruit and nut orchards of the Mediterranean region. This work will support the development of adapted species and cultivar portfolios that support fruit producers in the region in their transformation towards resilient orchards that remain productive under future climate conditions. AdaMedOr is a collaboration between the University of Bonn and partners in Morocco, Spain and Tunisia. This advert is contingent on formal assignment of project funds, which is expected for May 2020.

Your tasks:
- Application and further development of simulation models for temperature requirements and dormancy processes in fruit trees
- Projection of climate change impacts on fruit trees of the temperate zone that are grown in warm regions
- Further development of R packages for dormancy and phenology analysis
- Contribution, and possibly leadership, of participatory decision analysis workshops
- Support in project coordination

Your profile:
- Completed studies and scientific training (Diplom or Masters level) in Agriculture, Horticulture, Biology, Environmental Science, Decision Science, Systems Analysis or other relevant disciplines
- Good knowledge of the R programming language
- Very good command of the English language
- Willingness to work in an intercultural work environment
- Knowledge of the following will be advantageous:
  - Language skills in Arabic, French or Spanish
  - Facilitation of participatory processes
  - Agricultural meteorology or agroecology
  - Dormancy in fruit trees
  - Use of computer clusters
  - Development of R packages
- Motivated, flexible, team-oriented and eager to learn

We offer
- A diverse and demanding work environment in a young and dynamic team
- Possibility for application-oriented research in one of the most relevant research topics of our time
- Participation in workshops, conferences, project meetings, especially in the coun-
tries of the collaborating partners
- Possibility to earn a PhD (intention to pursue a PhD is an advantage)
- Retirement benefits (VBL)
- Salary according to German public service tariff E13 TV-L

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 complete and meaningful application documents by email to a.sollik@uni-bonn.de before 15th May 2020, with the subject line “Application - AdaMedOr”. For technical reasons, all documents must be submitted in one single pdf-file. For further information, please contact Prof. Dr. Luedeling (email: luedeling@uni-bonn.de).

This announcement has been translated from the German original, which is accessible at: https://www.gartenbauwissenschaft.uni-bonn.de/Pressemitteilungen/wiss.-mitarbeiter-in-gesucht-65-promotion-moeglich