

Preannouncement of vacancies at the research group

“Farm Economics and Ecosystem Services” at ZALF

The mission of the Leibniz Centre for Agricultural Landscape Research (ZALF) is to deliver solutions for an ecologically, economically and socially sustainable agriculture – together with society.

The research group “[Farm Economics and Ecosystem Services](#)” is a team of dedicated postdocs and PhD students who want to make a difference through good science, mutual support and exchange with other disciplines and practice. Our research topics range from diversification and digitization, farm-level sustainability, collaborations to deliver biodiversity to policy impact assessments. To answer our research questions, we use a suite of economic methods with a particular focus on farm-level bioeconomic models in various national and international projects.

We are announcing / planning to announce the following positions during the next months:

- 1) [A Postdoc Position](#) in Agricultural Economics (f/m/d) (100%, 48 months) at the Müncheberg site - The successful candidate has an excellent methodological knowledge and will enforce the research group in the context of model development, case study work and reporting in peer reviewed scientific papers (**application deadline extended**).
- 2) [PhD student in Agribusiness Strategies for Agroecology \(f/m/d\) 124-2022](#)
PhD Position (2) in Agricultural Economics (f/m/d) (65%, 36 months) at the Müncheberg site. The successful candidate has a good background in strategic planning in agribusiness (analysing value chains, Focus on SWOT analysis and AHP and related software such as Expert Choice) for the new project **NATAE** (starting about Jan. 2023).
- 3) [PhD student in Agricultural Economics modelling for Agroecology \(f/m/d\) 126-2022](#)
PhD Position (3) in Agricultural Economics (f/m/d) (65%, 36 months) at the Müncheberg site. The successful candidate has a good background in mathematical programming in order to focus on implementing value chains in DAHBSIM. He will elaborate on the existing model DAHBSIM to include agro-ecological practices and examine policy scenarios for Northern Africa within the new project **NATAE** (starting about Jan. 2023).
- 4) [PhD student in Agricultural Economics and Agroforestry \(f/m/d\) 125-2022](#)
PhD Position (4) in Agricultural Economics (f/m/d) (65%, 36 months) at the Müncheberg site. The successful candidate has a good background in agroforestry value chain and business models. Based on the existing model MODAM, he will elaborate and evaluate innovative business plans for agroforestry-based value chains in Europe within the new project **AF4EU** (starting ~Jan. 2023).
- 5) **Full Stack developer with focus on R.** (f/m/d) (18 months, 100%) Programming a graphical interface for MODAM within DAKIS. Required: Advanced knowledge of R and R shiny apps. Several years of experience designing, developing, and testing REST services.
- 6) [Research Assistant / Student helper \(m/f/d\) \(Studentische / wissenschaftliche Hilfskräfte\) in the context of/or:](#)
 - Analysis of nutrient management at farm level
 - Analysis of dual use systems for fibre-rich raw materials (e.g. protein feed / cellulose)
 - Analysis of policy scenarios based on farm level regional modelling of land use
 - GIS analyses for the designation of priority areas for different use options

Your tasks (will be adapted to the respective position):

- Contribute to the theoretical background and conceptualization of works
- If necessary, analyse secondary data and develop modules within existing modelling chains
- Assist with policy workshops and interact with stakeholders, from farmers to policy makers.
- Collaborate with scientists from other disciplines e.g. in conducting ecological assessments.
- Enforce the research team in case study works and publishing in leading journals.

Your qualifications (will be adapted to the respective position):

- An appropriate degree in agricultural or business economics or related discipline
- Solid skills in optimization methods, database techniques, software languages such as GAMS
- Or good knowledge of methods related to empirical social sciences or behavioural economics
- Good knowledge of agricultural technologies and agri-environmental policies
- Ability to work in an interdisciplinary team as well as independently
- Strong interest in scientific writing and excellent command of English
- Fluency in German is a clear plus

We offer:

- An interdisciplinary working environment that encourages independence and self-reliance
- A collegial and open-minded working atmosphere in a dynamic research institution
- Institutional commitment to a good work-life balance

Further details on requirements and ZALF's policy will be published soon – see [here](#).