

The mission of the Leibniz Centre for Agricultural Landscape Research (ZALF) as a nationally and internationally active research institute is to scientifically explain causal relationships in agricultural landscapes and to provide society with a knowledge base for the sustainable use of agricultural landscapes through excellent research. ZALF is a member of the Leibniz Association and is located in Müncheberg (approx. 35 minutes by regional train from Berlin-Lichtenberg). It also maintains a research station with further locations in Dedelow and Paulinenaue.

The EU-BiodivERsA joint project SALBES 'Scenarios for Agricultural Landscapes' Biodiversity and Ecosystem Services' aims to develop biodiversity scenarios and analyse them for their impact on agricultural production systems and biodiversity in a landscape context. SALBES contributes to a vision of a land use that integrates the conservation of biodiversity into agricultural production systems considering the landscape specific green infrastructure as a complementary element in achieving this objective. The project will employ a multi-actor approach to generate scenarios, sets of indicators and feedback on the model-based analyses of the scenarios. The project is planned to start on April 1st, 2019 and last for 3 years.

We are offering a position (up to fulltime depending on qualification) temporarily limited to up to 36 months, subject to financing at our location in Müncheberg working on **Development and application of a bioeconomic landscape model** as

PhD Student/PostDoc (f/m/d)

Your tasks:

- The Farm Economics Group at ZALF is looking for a new team member to co-lead the project and participate in scenario development, data collection and model development. The focus of the candidate is on economic modelling based on existing land use models linked to impact assessments. This includes interfaces to models that assess ecosystem services and biodiversity in relation to the interaction between agricultural land use and green infrastructure. Modelling results from other working groups, expert assessments and spatial relationships need to be integrated into tools that provide decision support to policy makers and farmers. The Land Use Change and Impact Assessment Modelling Approach (LUCIA) is applied in at least two European research regions.

Your qualifications:

- Master or Doctoral degree in agricultural or business economics or related discipline
- Solid skills in optimization methods, database techniques and software languages such as GAMS
- Ability to work in an interdisciplinary team as well as independently
- Strong interest in scientific writing and excellent command of English and German

We offer:

- An interdisciplinary working environment that encourages independence and self-reliance
- Classification according to the collective agreement of the federal states (TV-L) 13 (including special annual payment)
- A collegial and open-minded working atmosphere in a dynamic research institution ■ Financial support for extended academic training

Women are particularly encouraged to apply. Applications from severely disabled persons with equal qualifications are favored. It is generally possible to work in the position on a part-time basis. Please send your application preferably by e-mail (one PDF file, max. 5 MB) with the usual documents, in particular CV, proof of qualification and certificates, stating the reference number **19-2019** until **April 5, 2019** to:

Bewerbungen@zalf.de.

If you have any questions, please do not hesitate to contact:

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