

The mission of the Leibniz Centre for Agricultural Landscape Research (ZALF) as a nationally and internationally active research institute is to deliver solutions for an ecologically, economically and socially sustainable agriculture – together with society. ZALF is a member of the Leibniz Association and is located in Müncheberg (approx. 35 minutes by regional train from Berlin-Lichtenberg). The institute also maintains locations in Dedelow and Paulinenaue.

The position will be located in the Research Platform “Data Analysis and Simulation” within the Working Group “Multi-Scale Modelling” under the project Leibniz-Lab “Systemic Sustainability” (LL SYSTAIN) aiming to tackle ‘biodiversity, climate, agriculture and food’ as a common field of action and conflict together with societal actors.

We offer a part-time position, **70% position** (28 hours per week) limited until **31st March 2027** at our location in **Müncheberg** as

## Scientist (f/m/d)

### Your tasks:

- develop Hybrid modelling solutions using process-based and data-driven models for estimating the impacts of agriculture and food on climate change, terrestrial/aquatic biodiversity and other environmental dimensions
- analyze impacts of environmental transgressions on the agri-food system, e.g. by decreases in crop production due to massive irrigation lowering irrigation water availability at multiple scales

### Your qualifications:

- MSc level knowledge in agricultural, biological, environmental, or geosciences
- expertise in Remote sensing applications
- knowledge of big data integration
- development and application of deep learning models
- understanding of hybrid modelling concepts
- python programming skills are required
- as an internationally research institution, located in Germany we require good to very good written and spoken English skills and the willingness to take part in further training as part of the language courses in German offered internally

### We offer:

- an interdisciplinary working environment that encourages independence and self-reliance
- classification according to the collective agreement of the federal states (TV-L) up to EG 13 (including special annual payment)
- a collegial and open-minded working atmosphere in a dynamic research institution

Leibniz Centre for Agricultural Landscape Research (ZALF), Eberswalder Straße 84, D-15374 Müncheberg, Germany

Contact of Human resource management: [personal@zalf.de](mailto:personal@zalf.de)

- company ticket
- mobile working possible and flexible working hours, after consultation
- in-house language courses in German and English

Women are particularly encouraged to apply. Applications from severely disabled persons with equal qualifications are favored. The filling of the position in part-time is possible in principle. Please send your application preferably online (see button online application below). For e-mail applications, create a PDF document (one PDF file, max. 5 MB; packed PDF documents, archive files like zip, rar etc. Word documents cannot be processed and therefore cannot be considered!) with the usual documents, in particular CV, proof of qualification and certificates, stating the reference number **88-2024 until 15<sup>th</sup> October 2024** to (see button e-mail application below).

**If you have any questions, please do not hesitate to contact us: Dr. Amit Srivastava, Tel. +49 (0) 33432/82-173.**

For cost reasons, application documents or extensive publications can only be returned if an adequately stamped envelope is attached.

If you apply, we collect and process your personal data in accordance with Articles 5 and 6 of the EU GDPR only for the processing of your application and for purposes that result from possible future employment with the ZALF. Your data will be deleted after six months.

