

The Leibniz Centre for Agricultural Landscape Research (ZALF) is pleased to announce a

Tenure Track Position for a Researcher for the Design and Assessment of Cropping Systems [Reference N° T01-2019]

ZALF is a member of the Leibniz Association and, with its 350 employees, one of the largest research institutions in the Berlin-Brandenburg region. Its mission 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 their sustainable use. ZALF research stands for scientific excellence and societal relevance, with a strong focus on interdisciplinary research addressing the Grand Societal Challenges relevant in the context of agricultural landscapes such as climate change, food and nutrition security and the sustainability of production.

With its **Tenure Track System**, ZALF aims to recruit excellent scientists with essential expertise by providing a guaranteed transitioning to a permanent contract subject to successful evaluation.

Call description

This [Classic Tenure Track Call](#) invites candidates with a focus on the integrated design, analysis and assessment of crop production systems for a sustainable use of agricultural landscapes. Likely contributing to the working group "Resource-Efficient Cropping Systems", the successful candidate will **conduct disciplinary excellent crop production research considering societal demands and the emergence of new technologies** related to digitalisation, new sensor technologies and downscaled (autonomous) machinery. While emphasis is primarily on experimental crop science research (agronomic, crop physiological and agro-ecological analyses) at the field- and landscape-scale, we explicitly seek candidates with an interest in and understanding of the interactions between cropping systems and socioeconomic conditions as well as biodiversity and nature protection. Involvement of stakeholders into research definition and evaluation is mandatory.

The call is addressed to dynamic and highly motivated, preferably early career researchers with a PhD in Crop Science, who have demonstrated their capacity to independently carry out agronomic research, including an excellent publication record, successfully acquired competitive third-party funding, and visibility in their respective field of research. Previous experience in integrated analytical and modelling approaches is desirable.

The successful candidate will receive a Regular Tenure Track position (2 x 2-3 years) with progress to the subsequent phase subject to successful evaluation. If candidates are not legally eligible for two consecutive fixed-term contracts, they may enter the Fast Tenure Track if the required scientific achievements are fulfilled.

Tenure contracts are generally offered as full-time contracts, with part-time option to allow for the reconciliation of family and career. Salary will follow the guidelines for public employees according to the German TV-L, depending on the personal situation up to the level of E14. Working place is Müncheberg near Berlin, Germany. The successful candidate will be offered individual options for career support such as a mentoring tandem, courses and trainings as well as variable options to access scientific resources.

ZALF is an equal opportunities employer (audit berufundfamilie® certificate) and specifically encourages female scientists to apply. Applications of disabled applicants with equal qualifications will be favoured.

Application and candidate selection

Application documents must follow the specifications given in the respective guideline available at the ZALF website (www.zalf.de/en/karriere/tenure-track) and include two standardized letters of recommendation of scientists who are familiar with your research accomplishments and academic credentials (**template** available at www.zalf.de/de/karriere/tenure-track/Documents/20181218_ZALF_TenureTrack_App4_Reference_Letter.docx).

Candidate selection is based on scientific achievements, strategic aspects, and personal suitability. Details on criteria, minimum requirements and evaluation processes can be obtained from the ZALF Tenure Track System guideline, which is an official annex to this call: www.zalf.de/de/karriere/tenure-track/Documents/20181218_ZALF-Tenure_Track_System_Guideline.pdf

Please send your application as a single PDF file to tenuretrack@zalf.de, stating the reference number T01-2019.

The deadline for applications is **28 February 2019**.

If you have any questions, please contact: Dr. Ulrike Hagemann (Phone +49(0)33432/82-449; ulrike.hagemann@zalf.de)

The Leibniz Centre for Agricultural Landscape Research (ZALF) is pleased to announce a

Tenure Track Position for a Landscape Experimentalist [Reference N° T02-2019]

ZALF is a member of the Leibniz Association and, with its 350 employees, one of the largest research institutions in the Berlin-Brandenburg region. Its mission 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 their sustainable use. ZALF research stands for scientific excellence and societal relevance, with a strong focus on interdisciplinary research addressing the Grand Societal Challenges relevant in the context of agricultural landscapes such as climate change, food and nutrition security and the sustainability of production.

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Call description

ZALF uses the 170 km² **AgroScapeLab Quillow (ASLQ)** region for large-scale agricultural experiments, integrated landscape monitoring programmes and as a model region for the development of resource-efficient, climate-smart arable land use systems that contribute to biodiversity conservation. This [Classic Tenure Track Call](#) invites candidates with the ambition to develop integrated methods of **landscape experimentation**, to support the design and analysis of agricultural landscape experiments, and to coordinate their implementation.

Working within the ZALF Research Platform Data and in close collaboration with experts from different research fields within and beyond ZALF, the successful candidate will establish a long-term strategy for ZALF's landscape experiments, particularly for the ASLQ. This includes the development and application of innovative statistical designs, monitoring concepts, integrated approaches for analysing heterogeneous landscape data, and landscape theory. The candidate is expected to lead the implementation of the developed landscape experimentation strategy at ZALF and to contribute and lead activities towards the development of an international landscape experimentation network.

The call is addressed to researchers holding a PhD with comprehensive expertise in spatial experimental research design, monitoring, and in the management and analysis of large heterogeneous datasets. Candidates must have a solid background in experimental and spatial statistics, experience in coordinating research activities, excellent communication and organisational skills, and a good command of the English language. Candidates should be highly interested in developing strategies for long-term integrated research in a highly interdisciplinary context. Technical knowhow on experimental infrastructures, measurement instrumentation and sensors will be advantageous.

The successful candidate will receive a Regular Tenure Track position (2 x 2-3 years) with progress to the subsequent phase subject to successful evaluation. If candidates are not legally eligible for two consecutive fixed-term contracts, they may enter the Fast Tenure Track if the required scientific achievements are fulfilled.

Tenure contracts are generally offered as full-time contracts, with part-time option to allow for the reconciliation of family and career. Salary will follow the guidelines for public employees according to the German TV-L, depending on the personal situation up to the level of E14. Working place is Müncheberg near Berlin, Germany. The successful candidate will be offered individual options for career support such as a mentoring tandem, courses and trainings as well as variable options to access scientific resources.

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Please send your application as a single PDF file to tenuretrack@zalf.de, stating the reference number T02-2019.

The deadline for applications is **28 February 2019**.

If you have any questions, please contact: Dr. Ulrike Hagemann (Phone +49(0)33432/82-449; ulrike.hagemann@zalf.de)

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