



# Lebensgrundlagen für morgen sichern

## Scientist (m/f/d)

Institut for Strategies and Technology Assessment (SF) – Location Kleinmachnow

Application deadline: 20<sup>th</sup> October 2024 for the reference number: KM-SF-WA-26-24

### The Project

The Julius Kühn Institute (JKI) is participating in the German government's climate change mitigation program (Klimaschutzsofortprogramm). Through a series of climate change mitigation projects, the JKI will contribute to achieving the goals set in the climate change mitigation program of the federal government over the next few years. In the project „**KlimaN – Yield development and optimized N-fertilization under climate change**“ the JKI-Institute for Strategies and Technology Assessment together with partners of the Thünen Institute works on developing strategies for the Nitrogen efficient and climate-smart crop production of the future.

### Your tasks

- Evaluation and optimization of N-use efficiency under climate change conditions using process based agroecosystem models;
- Germany-wide simulation of diverse N-fertilization-strategies for different genotypes, crops and crop rotations under conditions of climate change;
- GHG accounting of crop production under various genotype × environment × management combinations and development of climate-smart crop production idecosystems;
- Preparation of reports and presentation of concepts and project results;
- Publication of results at national and international specialist events and conferences as well as in national and international scientific journals.

### You have

- a completed MSc degree in agricultural or environmental sciences, informatics, bio-informatics, geo-informatics, geo-ecology, mathematics or a comparable discipline, preferably with a doctorate;
- in-depth knowledge and experience in statistical data analysis and modelling, preferably with agro-ecosystem models;
- experience in handling large amounts of data and in programming routines, preferably with R or Python;
- in-depth knowledge of arable farming, crop physiology, plant nutrition and soil carbon sequestration;
- knowledge and/or interest in climate accounting using life cycle analysis;
- very good English and, if possible, also German language skills, both written and spoken, including academic writing;
- the ability to work independently and on your own responsibility, including strong organizational and communication skills as well as flexibility;
- endurance and enjoyment of scientific work in a team.

### We offer

- a diverse, demanding and interesting job in a goal- and solution-oriented working environment at the JKI as well as working in a project team at the JKI.
- a full-time position limited for 18 months with 39,0 hours per week to work on a project. Various forms of part-time employment are generally possible. The employment relationship is based on the collective agreement for the public service East (TVöD-Ost).
- remuneration according to salary group E 13 TVöD.
- an entry as soon as possible.

The JKI Kleinmachnow location can be easily reached from Berlin and Potsdam and is very well connected to public transport (Julius Kühn-Institut stop, 8 minutes from Berlin-Wannsee S-Bahn station).

The Julius Kühn Institute is an institution directly subordinated to the Federal Ministry of Food and Agriculture (BMEL).  
Address: Julius Kühn-Institut (JKI), Federal Research Centre for Cultivated Plants, Central Department, Erwin-Baur-Straße 27, 06484 Quedlinburg, Germany. Information on data protection can be found here: <https://www.julius-kuehn.de/en/data-protection-information-for-applicants>.





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The JKI subsidizes the Deutschlandticket for its staff, who can purchase it at a reduced subscription price of €23.28.

The Julius Kühn Institute (JKI) is an equal opportunities employer. The JKI is committed to inclusion. Applications from people with disabilities are therefore expressly welcome and given special consideration in the selection process. The JKI promotes the reconciliation of work and family life and, since 2021, has been holding the **audit workandfamily** certificate ([audit berufundfamilie](#)). Where possible, we offer flexible working time models to reconcile work and family life. More information can be found [here](#).

## More Information

Dr. Til Feike

Tel.: +49 (0) 3946 47 5260

E-Mail: [til.feike@julius-kuehn.de](mailto:til.feike@julius-kuehn.de)

## Online application

Please apply via the INTERAMT job portal. To do so, click on the "**Online bewerben**" button on the INTERAMT page. The deadline for your application is 20<sup>th</sup> October 2024.

Please note that the language on the INTERAMT portal is German.

An overview of all vacancies at the Julius Kühn Institute can be found [here](#). Alternatively you can simply scan the QR code at the bottom right corner with your mobile device.

To apply, please register with INTERAMT at <https://www.interamt.de/koop/app/registrieren> or use your login if you are already a registered user. If you have any technical problems or questions regarding your registration, please contact INTERAMT directly at +49 (0) 385 4800-140 or by e-mail: [kontakt@interamt.de](mailto:kontakt@interamt.de).

Make sure to have uploaded all relevant documents for your online application by the application deadline.

**Direct:** If you see any problems with applying online, send your full application with all documents as **one** pdf-document to [bewerbungen@julius-kuehn.de](mailto:bewerbungen@julius-kuehn.de).

If you have an international degree, please also enclose a certificate evaluation from the Central Office for Foreign Education (ZAB) with your application. If you do not yet have a certificate evaluation, you would have to apply for one upon successful application. For more information, please visit <https://www.kmk.org/zab/zeugnisbewertung.html>.

