



Lebensgrundlagen für morgen sichern

Scientist (m/f/d)

Institut for Strategies and Technology Assessment – Location Kleinmachnow

Application deadline: 7 October 2022 for the reference number: KM-SF-WA-33-22

The Julius Kühn Institute (JKI) is participating in the German government's 2022 climate change mitigation program (Klimaschutzsofortprogramm 2022). 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 several 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 / crop models;
- Germany-wide simulation of diverse N-fertilization-strategies for different genotypes for major crops under conditions of climate change;
- GHG accounting of crop production under various genotype × environmental × 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 university degree (Masters/Diploma) in agricultural or environmental sciences, bioinformatics, geoinformatics, geoecology, 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 / crop growth 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 diversified, challenging and interesting job in an international working environment;
- a full-time position limited to 31 October 2025 with 39.0 hours per week. Generally, various forms of part-time employment are possible. The employment relationship is based on the collective agreement for the public sector-East (TVöD-Ost).
- a remuneration according to salary group E 13 TVöD;
- starting date: 1 November 2022.

The JKI site in Kleinmachnow can be reached easily from Berlin and Potsdam and is very well connected to public transport ("Julius Kühn-Institut" stop, 8 minutes from Berlin-Wannsee S-Bahn station). If you are hired, you can receive a subsidy for the S-Bahn job ticket of up to 40 euros per month.



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We guarantee professional equality. The Julius Kühn Institute is committed to inclusion. Applications from people with severe disabilities are therefore expressly encouraged. These will be given priority in the selection process. The JKI supports the compatibility of work and family and has held the [audit berufundfamilie](#) certificate since 2021. In order to support the compatibility of work and family, the JKI offers flexible working time models within the scope of the official possibilities.

More Information

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Online application

Please apply by 5 October 2022 via the online application system "Interamt". To do this, please click on the "Apply online" ("Online bewerben") button on the "Interamt" page.

For an overview of all open advertisements, please use this link:

<https://www.interamt.de/koop/app/trefferliste?partner=3695>

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

For your application, please register with Interamt at <https://www.interamt.de/koop/app/registrieren>. If you are already registered as a user, please use your login. If you have technical problems or questions about your registration, please contact Interamt directly on +49 (0) 345 4800-140 or by email: kontakt@interamt.de.

Your meaningful and complete application documents must be uploaded to the system as part of the online process by the end of the application period.