



Lebensgrundlagen für morgen sichern

Bachelor (m/w/d)

Institute for Crop and Soil Science - based in Braunschweig

Application deadline: 31st August 2022 for reference number: BS-PB-Bachelor-06-22

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.

Your responsibilities

In the project **KlimaFFolgen – Utilization of climate change mitigation potentials through optimized crop rotations - Germany-wide potential analysis and development of a field-specific decision support system (DSS)** the JKI-Institutes for Crop Production and Soil Science (PB) and for Strategies and Technology Assessment (SF) are working together on the Germany-wide assessment of crop rotations and development of a DSS to support climate change mitigation in agriculture.

- Information collection and evaluation on main and catch crop cultivation as well as on land cover and agricultural production technology in existing farm networks;
- Preparation, evaluation and provision of area-specific production and field data;
- Design and implementation of field trials to record soil cover by crop residues and other soil properties;
- Assistance with field mapping of catch crops and soil cover by crop residues;
- Assistance in field spectrometry and field measurements of catch crops and crop residues;
- Close cooperation with project partners in KlimaFFolgen (scientists and technical assistants) and in our international team at the Agricultural Remote Sensing Research Center (FLF) in a friendly working atmosphere.

Your profile

- A university degree (B Sc., FH.-Diplom) in the field of agricultural sciences, geoecology, geography, geoinformatics, or comparable courses of study;
- Very good knowledge of arable farming, soil and crop science;
- Experience using geographic information systems (e.g., ArcGIS/ QGIS);
- Experience in collecting field data and conducting field campaigns;
- Knowledge of statistical data analysis;
- Knowledge of a programming language (preferably Python or R) and in writing scripts and routines is a plus;
- a strong ability to communicate and work in a team;
- good knowledge of the German and, if possible, also the English language, both written and spoken;
- a class B (III) driver's license and the willingness to travel on business trips.

We offer

- a varied, challenging and interesting job in an international working environment;
- a full-time, 39-hour per week position initially limited until December 31, 2024, with an option to extend for an additional eight months. Generally, various forms of part-time employment are possible. The employment relationship is based on the collective agreement for the public service (TVöD);
- according to the qualification and personal requirements a remuneration up to pay group E 11 TVöD;
- entry as early as possible, subject to the final provision of funds by the lender.



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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

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Applying online

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 31st August 2022.

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

Unless you have already found this vacancy via INTERAMT, our job offers are available here: <https://www.interamt.de/koop/app/trefferliste?partner=3695>

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) 345 4800-140 or by e-mail: kontakt@interamt.de.

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