



Lebensgrundlagen für morgen sichern

Web Developer (m/f/d)

Institute for Strategies and Technology Assessment – Location Kleinmachnow

Application Deadline: 16 May 2023 for the reference number: KM-SF-Web-Entwickler-02-23

The Julius Kühn Institute (JKI) is participating in the German government's 2022 climate protection program (Klimaschutzsofortprogramm 2022). Through a series of climate protection projects, the JKI will contribute to achieving the goals set in the climate protection program of the federal government over the next years.

The project

In the project **KlimAF – Evaluate and effectively utilize Climate Change Mitigation Potentials of Agroforestry**, five JKI institutes work together on relevant climate change mitigation challenges of agroforestry, on closing corresponding knowledge gaps and on the development of decision support systems for climate-efficient agroforestry systems. At the Institute for Strategies and Technology Assessment (SF), a web-based decision support system for the field-specific assessment of the production and the climate change mitigation potential of various agroforestry systems is being developed in the sub-project AgroForPraxis.

Your responsibilities

- creation of modern web applications, web services and tools for the models developed in the project (models for GHG accounting, microclimate models, agroecosystem models);
- establishment of the model chain using different programming languages;
- supporting the implementation of projects with GIS, AI and Datacube aspects on high-performance servers;
- supporting the implementation of CPU and memory-intensive solutions for microclimate and agroecosystem modelling;
- assist in testing and validation of the developed tools and applications;
- close cooperation with the direct project partners in KlimAF (scientists and technical assistants) and our international team of developers and scientists in a friendly working atmosphere.

Your profile

- a university degree (BSc., FH. Diploma) in the field of geoinformatics, environmental informatics, computer science, remote sensing or comparable studies;
- work experience in the frontend and backend development of web applications using e.g. JavaScript, Python, PHP or similar languages;
- good knowledge of relational databases (Oracle, PostgreSQL or MySQL);
- good knowledge of REST APIs and the GIT versioning system;
- experience with the implementation of GIS applications (using e.g. PostGIS, Oracle Spatial or OpenLayers) is an advantage;
- interest in agricultural/environmental science topics;
- excellent communication and teamwork skills;
- good knowledge of German and English, both written and spoken.

We offer

- a diversified, challenging and interesting job in a goal- and solution-oriented work environment at the JKI, as well as working in a project team at the JKI;
- a full-time position limited to 31 May 2026 with 39.0 hours per week on a third party funded project, subject to the availability of budget funds and final project approval. 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).



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- a remuneration according to salary group E 11 TVöD depending on qualifications and skills;
- starting Date: 1 July 2023.

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

Upon employment, an allowance for the public transport Deutschland-Ticket Job of a maximum of 23,28 euros per month is available.

The Julius Kühn Institute (JKI) is an equal opportunities employer. The Julius Kühn Institute is committed to inclusion. Applications from people with disabilities are therefore expressly encouraged 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

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Online application

Please apply by 16 May 2023 via the online application system "Interamt". To do this, please click on the "Apply online" ("Online bewerben") button on the "Interamt" page.

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

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

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

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.

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.