

## **Job announcement Ref. #11-19021**

The Senckenberg Gesellschaft für Naturforschung (SGN), a member institution of the Leibniz Association, with almost 800 employees and its headquarters in Frankfurt am Main, is conducting integrative natural history research with leading research institutions in six federal states. The Senckenberg Biodiversity and Climate Research Centre (SBIK-F) explores interactions between biodiversity and climate.

The Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) is an independent intergovernmental body, established by the member states of the United Nations in 2012. The IPBES aims to strengthen the science-policy interface for biodiversity and ecosystem services for the conservation and sustainable use of biodiversity, long-term human well-being and sustainable development.

The “Technical Support Unit on Knowledge and Data” provides the scientific, technical and organisational supports to the activities and products of the IPBES and is hosted by the **Senckenberg Biodiversity and Climate Research Institute in Frankfurt am Main, Germany**.

The Senckenberg Biodiversity and Climate Research Institute invites applications for

### **Scientific Developer / Technical Coordinator (m/f/d)** (full time position)

The IPBES task force on knowledge and data is mandated to oversee and take part in the implementation of the “advanced work on knowledge and data” of the rolling work programme up to 2030, and act in accordance with relevant decisions by the IPBES Plenary and its subsidiary bodies by supporting assessment experts in identifying, prioritizing and mobilizing existing knowledge and data needed for IPBES assessments, guiding the secretariat, including the dedicated technical support unit, in the management of the data, information and knowledge used in IPBES products, including the development of the web-based infrastructure, to ensure their long-term availability and data interoperability, and supporting the Bureau and the Multidisciplinary Expert Panel in reviewing the knowledge needs and gaps identified through IPBES assessments and other IPBES deliverables and in catalysing the generation of new knowledge and data. The task force will be supported by the Technical Support Unit on Knowledge and Data.

#### **Your tasks**

- ✓ You will provide scientific and technical support to the work of IPBES in the research-activities defined by the task force on knowledge and data
- ✓ You will develop and maintain workflows for data management on remote repositories (e.g. Zenodo)
- ✓ You will develop end user services to enable search on the IPBES products, in particular bibliographic and geospatial data based on Open Source search engines like Elastic Search or SOLR
- ✓ You will develop services for the API based data exchange with remote data providers
- ✓ You will contribute to developments of the pilots in the field of Natural Language Processing and Artificial Intelligence

- ✓ You will prepare information packages, webinars, and e-learning materials in collaboration with IPBES communication office around
- ✓ You will travel nationally and overseas to represent the Technical Support Unit on Knowledge or running technical workshops for the assessment experts
- ✓ You will contribute to the preparation of scientific publications and dissemination of the results at national and international conferences

### Your profile

- ✓ Doctoral or Master degree in computer science, information technology, geoinformatics, or relevant to research data management, preferably with a focus on biodiversity and ecosystem services
- ✓ Extensive experience in web service development
- ✓ Extensive experience in programming web applications (e.g. JavaScript, GraphQL, gRPC, and JSON-LD)
- ✓ Experience with interoperable workflows based on Docker or Singularity
- ✓ Experience in geospatial data handling and remote sensing products
- ✓ Proficient in written and spoken English and experience in the scientific report writing, reviewing and editing
- ✓ Motivation to work in an international team
- ✓ Ability to plan, organise and execute complex multi-task problems, and to work precisely and effectively under time constraints
- ✓ Outstanding social skills and capability to interact with the international science community

### We offer

- ✓ **Salary and benefits** are in accordance with a public service position in Germany (**TV-H E11 - E13**)
- ✓ The contract shall start immediately and is **limited until 30 September 2022** with a potential further extension
- ✓ By joining the “Technical Support Unit on Knowledge and Data” at the Senckenberg Biodiversity and Climate Research Institute you will be working closely with world leaders of biodiversity and nature research from diverse scientific organizations
- ✓ You will have the opportunity to directly interact with experts at the global forefront of bringing scientific evidence to the table of decision-makers worldwide, and to expand your professional network by working with highly international networks of researchers, stakeholders, and funding agencies
- ✓ A workplace close to the city center of Frankfurt, a lively and diverse city with high life quality
- ✓ Flexible working hours – annual special payment – a subsidized job ticket for public transportation – company pension scheme – Senckenberg badge for free entry in museums in Frankfurt – a family-conscious personnel policy (“audit berufundfamilie”)

### We look forward to your application!

**Review of applications will begin on December 16<sup>th</sup>, 2019 and continue until the position is filled.**

Please send your application, mentioning the reference of this job offer (**ref. #11-19021**) by e-mail (**attachment in a single pdf document**) and including:

- ✓ **a cover letter outlining your competency and motivation**
- ✓ **a detailed CV**
- ✓ **your credentials and certificates**
- ✓ **and contact details of two potential references to:**

**Senckenberg Gesellschaft für Naturforschung**  
**Senckenberganlage 25**  
**60325 Frankfurt**  
**Germany**  
**E-Mail: [recruiting@senckenberg.de](mailto:recruiting@senckenberg.de)**  
**CC Dr. Aidin Niamir: [aidin.niamir@senckenberg.de](mailto:aidin.niamir@senckenberg.de)**



For scientific enquiries please get in contact with Dr. Aidin Niamir, e-mail:  
**[aidin.niamir@senckenberg.de](mailto:aidin.niamir@senckenberg.de)**.