

Job announcement Ref. #11-22013

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

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. 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 for knowledge and data” provides scientific, technical and organisational support to the activities and products of IPBES and is hosted by SGN in Frankfurt, Germany.

The Senckenberg Biodiversity and Climate Research Centre invites applications for a

Data Scientist / Science 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. The task force and technical support unit is responsible for:

- Supporting assessment experts on aspects relating to the data and knowledge management policy and the generation, management, handling and delivery of IPBES products, including access to and handling of a wide range of external datasets as well as the application of advanced data technology to support the assessment process
- Regularly revising IPBES data and knowledge management policy, and long-term vision on data and knowledge, as well as monitoring of the implementation of the IPBES data and knowledge management policy in work on all the objectives of IPBES;
- Supporting ongoing assessments to engage as appropriate with other entities, initiatives and service providers on data and knowledge, including but not limited to geospatial and Earth observations, socioeconomic datasets, participative observatories datasets, infographic and cartographic visualizations and web systems and services.

Expected tasks

- Provide scientific and technical support to the work of IPBES in the activities defined by the task force on knowledge and data, and work closely with and report to the head of the technical support unit
- Schedule, communicate, and coordinate with experts, prepare meeting reports, presentations, and communication materials, and contribute to the development of guiding documents for data management at IPBES, including but not limited to the IPBES data and knowledge management policy.
- Support the ongoing assessments with the preparation and implementation of their data management reports
- Provide technical solutions for the improved access and maintenance of frequently used data resources in IPBES products and integration of a wide variety of primary data into dynamic assessments

- Contribute to developments of the pilots in the field of Natural Language Processing and Artificial Intelligence
- Prepare webinars, and e-learning materials focused on data management and the activities of the task force on knowledge and data
- Coordinate and provide technical support to the implementation of case studies on Natural Language Processing analysis of literary texts
- Work closely with the assessment experts, provide training and technical support to the documentation of their codes on development platforms, uploading to general-purpose open-access repositories, and documenting the metadata of the IPBES products
- Travel nationally and overseas to represent the technical support unit for knowledge and data, or to run technical workshops for the assessment experts
- Contribute to the preparation of scientific publications and dissemination of the results at national and international conferences

Qualifications

- Doctoral or Master degree in computer science, information technology, natural resources, geoinformatics, or other disciplines at the science-policy interface, or relevant to data management, preferably with a focus on biodiversity and ecosystem services
- Experience in Open Source programming
- 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
- Ability to plan, organize and execute complex problems, and to work precisely and effectively under time constraints
- Outstanding social skills and capability to interact with and work in the international science community and in an international team
- Experience in web service development, programming web applications, and interoperable workflows would be an advantage

The offer

- Salary and benefits are in accordance with a public service position in Germany
- The contract shall start immediately and is limited **until 30 September 2023** with a possibility of annual extension upon the approval of the IPBES
- By joining the “technical support unit for knowledge and data” at the Senckenberg 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”)

The Senckenberg Biodiversity and Climate Research Centre supports equal opportunity of men and women and therefore strongly invites women to apply. Equally qualified handicapped applicants will be given preference. The place of employment is in Frankfurt am Main, Germany.

We look forward to your application

Please send your application until July 17, 2022 to recruiting@senckenberg.de including

- a cover letter outlining your competency and motivation
- a detailed CV
- academic certificates credentials
- and contact details of two potential references

Please mention the job announcement reference number (Ref.#11-22013) in the subject line.

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For scientific enquiries please get in contact with Dr. Aidin Niamir: aniamir@senckenberg.de.