Leibniz-Institute of Freshwater Ecology and Inland Fisheries

The Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB) is the largest freshwater ecology research institute in Germany. It is a member of the Forschungsverbund Berlin e.V. and the Leibniz-Association (www.wgl.de). The FVB manages 8 large research institutes in Berlin that have close links to all three universities in the German capital. IGB offers excellent laboratory and field facilities for interdisciplinary research, large-scale experimental facilities, and long-term research programs and data sets.

IGB invites applications for a

GIS programmer / GIS data manager (m/f/d)

within the new Leibniz Junior Research Group "Global freshwater biodiversity, biogeography and conservation (GLOWABIO)". **The position is available from May 1st 2019 and limited to 2 ½ years (part-time with a corresponding extension is possible).**

Duties and responsibilities

Global biodiversity is declining across ecosystems, and freshwater organisms and habitats are among the most threatened. While finding appropriate countermeasures, a key challenge is first to gain a comprehensive picture of the current status of freshwater biodiversity.

We seek a GIS programmer / GIS data manager with a strong interest in joining a young and international team working on freshwater biodiversity and biogeography research. The aim is to use cutting-edge spatial geo-computational methods to create novel and high-resolution datasets to analyse global patterns in freshwater environmental habitats, biodiversity and conservation. The successful applicant is expected to collaborate with scientists at Yale University (USA) and use the Yale High-Performance Computing (HPC) system. Other duties and responsibilities include:

- Assistance in the computation of large geospatial datasets, e.g. high-resolution GIS layers
- Management and handling of geospatial data including database applications
- Web hosting and web mapping of spatial data and layers
- Knowledge transfer within the group regarding data handling and coding routines

Requirements

- Bachelor degree from a University / University of Applied Science in geo-informatics, computer science or another relevant field
- Experience in command-line based geo-computation tools such as GRASS and GDAL
- Experience with R, High-Performance Computing systems (e.g. slurm) within the Linux environment and version control (e.g. Git) will be an asset
- Team-oriented and strong written and oral communication skills in English

Salary is paid according to the TVöD Bund (100 % position). In keeping with the IGB's policy regarding gender equality, female applicants are particularly encouraged. Severely disabled applicants with equal qualification and aptitude are given preferential consideration.

Enquiries or questions should be directed to **Dr. Sami Domisch** (**domisch@igb-berlin.de**).

Please upload complete application documents as a single pdf-file including a CV with a link to your Github or other equivalent version control profile (if applicable), a letter of motivation, copies of relevant degrees and contact details of two referees as soon as possible but no later than **February 20th, 2019** via the IGB's (https://www.igb-berlin.de/en/jobs) online job-application facility (button "Apply online").

We are looking forward to your application!