

## **Geoinformatics expert to support sustainable supply chains and traceability**

Global Risk Assessment Services (GRAS) is an innovative company providing information to ecological and social sustainability. GRAS helps agricultural producers, processors, brand owners, traders, NGOs, scientists and investors to review sustainability risks for individual suppliers, sourcing areas or countries. In addition, GRAS supports certification systems, certification bodies and auditors in objective sustainability analysis and verification of land use change. Our main fields of work are the processing and evaluation of remote sensing data and GIS-based sustainability analyses. Further, GRAS provides tools to trace back agricultural products to farmer level.

We are looking for a geoinformatics expert to support our international, young and dynamic team in our Cologne office.

### **Main activities:**

- Develop and test methodologies for processing GIS and remote sensing datasets
- Automation of current processes using R, Python (ArcPy and PyQGIS), QGIS and PostGIS
- Organize existing algorithms into libraries and packages
- Create and maintain PostGIS internal databases
- Support cloud computing activities
- Support other team activities (e.g. writing project proposal, internal trainings)

### **Your qualifications:**

- Degree in geoinformatics or related major
- Proven experience in GIS and remote sensing
- Experience in geodata processing software (e.g. QGIS, ArcGIS)
- Experience in programming languages for geospatial data (e.g. Python, R)
- Knowledge in geospatial database architecture and management (e.g. PostGIS/PostgreSQL)
- Experience in cloud computing of remote sensing data is an advantage (e.g. CREODIAS, Google Earth Engine)
- Ability to work in an international, multidisciplinary team environment
- Passion for securing an environmentally sustainable future
- Very good written and spoken English skills are essential. German is a plus

Please send your full application by email to [hiring@gras-system.org](mailto: hiring@gras-system.org). Find more information about GRAS under: [www.gras-system.org](http://www.gras-system.org)

We are looking forward to receiving your application.