

GIS Programmer and Analyst

OECD Environment Directorate

An important part of OECD's work programme includes provision of [green growth](#) and [environmental](#) data and indicators. Several of the indicators require using geospatial and geo-referenced data, including those related to land cover and land use patterns and changes, access to green spaces, air pollution and exposure, freshwater resources and pollution, water stress, soil organic carbon, natural protected areas, and others. The OECD Environment Directorate is setting up an infrastructure that will allow the production of such indicators on a continuous basis, including the identification of suitable data sources and the development of appropriate methodologies. OECD's efforts focus on providing policy-relevant indicators that are standardised across countries and over time, and that facilitate the provision of public policy advice through both country reviews and quantitative policy analysis.

Main duties

1. GIS data collection, processing and analysis

Gather and process geospatial and geo-referenced data from existing data sources, with a view towards applying them for construction of national and sub-national indicators.

Contribute to the identification and application of possible new GIS data sources to be used for the construction of methodologically-robust and policy-relevant indicators.

Contribute to the development of appropriate methodologies.

2. Geospatial data management

Contribute to the development of the GIS data foundation for the production of indicators.

Maintain a geodatabase and contribute to the production and updating of indicators, in collaboration with other team members.

3. Drafting

Draft relevant technical and analytical documents.

Ideal Candidate Profile

Academic and Professional Background

- An advanced university degree in geography, environmental sciences, computer science, or related field, with specialisation in GIS.
- Proven experience in GIS data management and applied geospatial analysis.
- Good knowledge of environmental policy in OECD countries. Knowledge of existing geospatial data relevant to natural resources and the environment would be an advantage.

Skills

- Very good knowledge of state-of-the-art methods for spatial and GIS analysis.
- Very good knowledge of the relevant data formats and coordinate systems.
- Excellent command of desktop-based GIS software (particularly QGIS and ArcGIS).
- **Strong programming skills (particularly Python)** [candidates without programming skills will not be considered]

Communication and Languages

- Good communication and drafting skills, including the ability to explain technical issues and analysis in a manner understandable to non-specialists in the field.
- Good interpersonal skills, including the ability to maintain harmonious working relations with staff at all levels in a multicultural environment.
- Proven ability to draft clearly and concisely in English.

Other

- Ability to work independently and as part of a high-performing team.
- Focus on delivering high-quality work and attention to detail.

Foreseen contract duration: 6 months, fixed term

Salary: 2100 to 2500 EUR/month, depending on experience

Location: OECD Headquarters, 2 rue André Pascal, 75016 Paris, France

How to apply: Send your CV and cover letter to Ivan Hascic (ivan.hascic@oecd.org) by **15th July 2015**.