



## Post-Doc call

The Environmental Management Laboratory (EML) is seeking a post-doc interested in Ecosystem services to work in the project “Lithuanian National Ecosystem Services Assessment and Mapping (LINESAM)”. The project aim is to improve the understanding of nature-society interaction through an Ecosystem Services based approach, identify national environmental and socio-economic drivers of change and their effect on ES supply and demand, support the development of planning and management strategies grounded on socio-ecological principles of ecosystems and biodiversity. LINESAM aims to create a common knowledge baseline on ecosystem services, accessible to decision-makers, planners, academics and the public through the development of a Geoportal, based on open source technologies that will support storing, sharing and mapping of the results throughout the project lifetime.

EML requires that the potential candidates have a doctoral degree within the past five years. Four years of funding are available for half time (0.5).

## Duties and required skills

The candidate will work under the supervision of Prof. Dr. Paulo Pereira (Mykolas Romeris University, Lithuania) and his team in the implementation of the LINESAM-Geoportal. The candidate will be responsible for the implementation, maintenance and customization of the Geoportal according to project tasks and project timeline and will be tightly cooperating with the project team on the national and case study level assessment and mapping of ecosystem services in terrestrial, freshwater and marine biomes across Lithuania. Additional tasks concern the support of the project team in daily administrative tasks, the writing of project deliverables and the organization of workshops and conferences. Excellent oral and written skills in Lithuanian and English are required.

Knowledge and skills required by the candidate:

- PhD in Geography, Environmental Sciences or information technology
- Solid programming skills concerning web-based applications and platforms for geospatial information systems (GIS) and for deploying spatial data infrastructures (SDI), such as GeoNetwork-OpenSource; GeoNode; GeoServer or MapServer, including experience in web map server software and web map viewers (e.g. openlayers)
- Solid background about ES assessment and mapping
- Knowledge in INSPIRE Directive and its most important aspects
- Good knowledge in R and Python programming language
- Strong background in Geographic Information Systems (GIS) and experience in working with ArcGIS and QGIS
- Experience in treating remote sensing data is an advantage
- Work in a multicultural environment, where English is the main language of communication
- Availability to travel abroad (e.g. conferences, workshops)
- Responsible for leading peer-review publications and participate in project reports and other organizational tasks

To apply for this position please send a cover letter, CV and publication list to **Prof. Dr. Paulo Pereira** ([pereiraub@gmail.com](mailto:pereiraub@gmail.com), [paulo@mruni.eu](mailto:paulo@mruni.eu)).

Deadline of the application **February 28, 2018**.