

JOB OFFER

Technical research position

Integrative Freshwater Ecology Group, CEAB-CSIC, Blanes (Spain)



Within the framework of the research project **RIPAMED** “*The role of riparian corridors as green N filters within Mediterranean catchments*”

financed by the Ministry of Science and Innovation and the European Union (NextGenerationEU) we offer a contract for a **technical researcher**.

RIPAMED in a nutshell: Riparian ecosystems are considered powerful green nitrogen filters and used as a mitigation strategy worldwide because they can help to reduce nitrate pollution via denitrification, a microbial process that occurs under anaerobic conditions. However, this nitrogen buffering capacity cannot be taken for granted in Mediterranean regions because riparian soils are rarely waterlogged, and can become sources rather than sinks of nitrogen depending of the soil water content. RIPAMED will assess the role of Mediterranean riparian corridors as green nitrogen filters and identify hot spots and hot moments of nitrate retention as a function of climatic conditions. The results obtained will help to prioritize the conservation and management of riparian corridors as a function of their potential to retain nitrate excesses from diffuse contamination sources.

JOB characteristics: The job is located at the Center for Advanced Studies (CEAB-CSIC) in Blanes, Spain. The main tasks are: field work, laboratory work, and harmonization of high-temporal resolution data series. We anticipate some GIS analysis, though previous knowledge of GIS is non-mandatory. The field work includes regular campaigns to several riparian forests located in the vicinity (including two natural parks).

Candidate requirements*: (1) Degree in Biology, Environmental Sciences, Forestry Engineer, or related fields; (2) Interest in soil and forest ecology, biogeochemical cycles; (3) Ability to carry out field research and laboratory work, (4) Driving license; (5) Skills on R and GIS, non-mandatory but highly desirable.

JOB conditions: (1) Start date: between July and September 2024; (2) Duration: 1 year with possibility of extension; (3) Gross annual salary corresponding to High Degree level: € 28000

Applications: Please, send applications to **SUSANA BERNAL**: sbernal@ceab.csic.es. Include the following documentation: (1) motivation letter (500 words maximum); (2) Full CV.

Deadline for applications: 1 June 2024

*Principles of equality in hiring of personnel will be applied during the selection of the candidates, as well as during field and laboratory work. The PI of this project is committed to visualize and value the role of women and minoritized groups in science and environmental protection. The selected candidate will have the opportunity to contribute to this commitment by contributing into divulgation and sensibilization activities organized by CEAB and CSIC.