

JOB OFFER

3 years postdoc at Doñana Biological Station on Spatial prioritisation of management in freshwater ecosystems

Background

Freshwater ecosystems and biodiversity are among the most threatened globally and urgent action is needed to bend the decline curve. This position focuses on identifying spatial priorities for the implementation of management to address two common threats in freshwater ecosystems: the impacts of invasive species and the disruption of connectivity, at two different spatial scales: continental and the Danube catchment.

The candidate will join two Horizon projects: [GuardIAS](#), focused on assessing the impacts of aquatic invasive species in Europe and identifying management priorities to achieve the 50% reduction in the number of species threatened by invasive species by 2030; and the Danube Lifelines, which aims to improve the conservation status of migratory fish in the Danube River catchment, by restoring habitat and connectivity along the catchment.

The position will be based at the Doñana Biological Station in Sevilla ([EBD-CSIC](#)).

Interested candidates should send a motivation letter and cv to virgilio.hermoso@ebd.csic.es

Deadline for submissions: 2nd of May 2025.

Main tasks and responsibilities

- Network analysis of interactions between aquatic native and invasive species.
- Spatial prioritisation of management measures (prevention, control and eradication) of aquatic invasive species across Europe.
- Spatial prioritisation of river restoration with special focus on barrier removal prioritisation.
- Participation on project meetings.
- Dissemination of results through scientific articles and conferences.

Skills, qualifications and experience

- PhD degree in Ecology or Environmental Sciences, preferable with some freshwater background.
- Demonstrated experience in R programming language.

- Knowledge of spatial planning tools, such as Marxan, PrioritizR or Zonation.
- Demonstrated ability to develop, collaborate on, and publish scientific research through peer-reviewed publications.

Appointment terms

The successful candidate should be available to take up the position during the second half of 2025. We offer a fixed-term, full-time employment contract for three years. Depending on the experience of the candidate, the salary level will range between 50-63k gross per annum, before taxes and social security contribution deductions. The candidate will enjoy full health cover during the contract.

