Asociación Ibérica de Limnología / Associação Ibérica de Limnologia — AIL

Job opportunities / grants

→ **2 postdoc positions in plankton ecology**
Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research, Germany

Plankton provide important ecosystem services through their influence on the cycling of elements such as carbon, nitrogen, and phosphorus; on water and habitat quality; and on production by higher trophic levels. However, environmental changes such as warming and alterations of dissolved nutrient concentrations place planktonic organisms under enormous pressure by changing the conditions in which they live. To study these processes and gain a deeper understanding of the influence of global change on the role phytoplankton and zooplankton play in coastal systems, we are searching an enthusiastic postdoctoral candidate, who will investigate the ecological and physiological responses of these organisms to environmental changes.

Deadline **October 13th, 2024**

More information for a position in postdoc in phytonplankton here, and postdoc in zooplanton here.

→ **Investigador/a para la Unidad de Climate Solutions and Ecosystem Services**
Eurecat – Centre Tecnològic de Catalunya, Spain

Investigador con experiencia en preparación y ejecución de proyectos, con un CV científico y técnico destacado en relación con la resiliencia climática, especialmente en el ámbito de la adaptación, ya sea en entornos urbanos, como agrícolas y espacios naturales. Funciones y responsabilidades:
1. Preparación, ejecución y coordinación técnica de proyectos y contratos relacionados con impactos de cambio climático, adaptación y mitigación.
2. Análisis de grandes bases de datos y publicación de resultados en revistas científicas y técnicas.
3. Preparación y ejecución de proyectos de transferencia para empresas y administraciones y actividades de divulgación.

Más información aquí.

→PhD position in biodiversity and sustainable field crop
Institut de Recerca I Tecnologia Agroalimentària - IRTA, Spain

IRTA

Asociado al proyecto "Landscape and Water management interaction in rice farming: impact on aquatic biodiversity and Pest control provisioning (WATERSCAPE)" (PID2023-151621OR-I00) de la Agencia Estatal de Investigación, ofrecemos un contrato predoctoral FPI para desarrollar una tesis doctoral en el Institut de Recerca i Tecnologies Agroalimentàries (IRTA) sobre el papel del manejo del agua y el contexto del paisaje en la conservación de la biodiversidad y el control de plagas en arrozales.

Deadline **October 13th, 2024**

More information here.

→PhD position in fish biology
Universitat de Girona, Spain

Universitat de Girona

Se busca candidato/a para contrato predoctoral ("FPI") en el marco del proyecto "Biología de la conservación de peces ciprinodontiformes: efectos de la salinidad y la hipoxia (SALTFISH)" (PID2023-146173NB-C21).
El trabajo se centraría en los "Efectos de la salinidad en la coexistencia e interacciones tróficas entre un pez endémico amenazado (*Aphanius iberus*) y otro exótico invasor (*Gambusia holbrooki*)". Los objetivos de la tesis son: 1) analizar experimentalmente (con mesocosmos) el papel de la salinidad en la coexistencia y las interacciones tróficas de un pez endémico amenazado (fartet, *Aphanius iberus*) y otro exótico invasor (gambusia, *Gambusia holbrooki*); 2) analizar el papel de la salinidad en el microhábitat y las interacciones comportamentales de estas dos especies (usando videogrametría).

More information here.

→PhD position in "The influence of heatwaves on plankton ecology"
Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research, Germany

AWI

In this project, the candidate will investigate the effects of these stressors on life history (e.g. hatching and growth rates) and physiological (e.g. respiration, nutrient uptake and utilisation) parameters of key copepod and microzooplankton species. To this end, we will apply state-of-the-art experimental approaches that integrate bottom-up and top-down processes in planktonic food webs and provide insight into the effects of different factors on natural systems.

Deadline **October 29th, 2024**

More information here.

→**PhD position in microbial ecology**
Centre d'Estudis Ambientals CEAB-CSIC Blanes, Spain

Exploring microbial adaptation to global change factors using genomics and machine learning. Doctoral candidate to work at the interface between microbial ecology and genomics, with emphasis on predictive approaches that apply machine learning techniques. The candidate is expected to analyze massive metagenomic sequencing datasets and to functionally annotate microbial genomes to investigate key microbial adaptations to global change factors. The successful applicant will be based at the Center for Advanced Studies of Blanes (CEAB) in Blanes, Girona (Spain). LGTBQ+ and female applicants encouraged. .

For more information please contact Dr. Josep Ramoneda (josep.ramoneda@ceab.csic.es).

→**PhD position in mountain ecosystems and biogeography**
Universidad de Granada, Spain

Within the EVEREST project (Essential Variables for the rEmote characterisation and monitoRing of mountain EcosystemS along a biogeographical gradienT: from data to decision making), we offer a 4-years PhD (FPI) position at the Sciences Faculty (University of Granada). Tasks to be performed: Stakeholders engagement; Identification of essential compositional, structural and functional variables and metrics; Characterisation of reference dynamics, spatial variability, temporal trends and anomalies; Mapping species and habitats of community importance and monitoring their conservation status; Monitoring water quality of high-mountain lakes; Monitoring ecosystem recovery after disturbances and evaluation of restoration measurements; Decision support tool for protected area managers; Scientific and social dissemination of project results and reporting.

Contact persons: Domingo Alcaraz-Segura (dalcaraz@ugr.es); Javier Martínez-López (javier.martinez@ugr.es); and Regino Zamora (rzamora@ugr.es).

→**PhD position in invasive alien species**
Instituto Pirenaico de Ecología IPE-CSIC, Spain

Freshwater ecosystems are under severe threat from invasive alien species (IAS), which contribute to biodiversity loss, disrupt ecosystems, and incur substantial economic costs. The goal of FRIAS is to develop a robust and extensive database of freshwater IAS, providing insights into their characteristics, distribution patterns, impacts, and potential future trends. This is crucial for making informed. We offer a 4-year fully funded PhD contract. The main objective of this doctoral thesis is to develop a database global report on freshwater IAS that allows us to know their characteristics, patterns of distribution, impacts and possible future trends.

For more information, please contact Dr Belinda Gallardo (belinda@ipe.csic.es).

→ Postdoc position in invasive alien species
Instituto Pirenaico de Ecología IPE-CSIC, Spain

The work will be included in the Horizon Europe project GuardIAS. The main goal of GuardIAS is to guide governance and management of aquatic ecosystems to mitigate invasive alien species IAS impacts. The researcher would be dedicated to modelling and prioritizing freshwater aquatic invasive species for management, and invaded sites for conservation. This will involve the following activities: 1) use AI-powered algorithms to identify priority IAS affecting multiple native protected species in Europe, 2) use machine learning algorithms to anticipate the distribution of priority invasive species under current and future scenarios, 3) identify impact hotspots in Europe as well as refuges for native protected species.

For more information, please contact Dr Belinda Gallardo (belinda@ipe.csic.es).

→ 2 researcher positions in Biological Sciences
Universidade do Minho, Portugal

O Centro de Biologia Molecular e Ambiental da Escola de Ciências da Universidade do Minho faz saber que se aceitam manifestações de interesse para efeitos de constituição de uma bolsa de interessados para a contratação de dois (2) Investigadores(as) Convidados(as), na área científica das Ciências Biológicas e afins visando o desenvolvimento de atividades científicas no âmbito do projeto "PBA-Pacto da Bioeconomia Azul.
Experience in (e)DNA (meta)barcoding and/or related molecular approaches for species identification and detection is preferred, including molecular techniques (DNA extraction, amplification), bioinformatics analyses (editing and aligning Sanger sequences, processing and analyses of high-throughput sequencing data, i.e., metabarcoding), taxonomic assignment, and phylogeographic analysis. Programming skills for bioinformatic applications are highly valued.

More information here.

→ Freshwater Ecology Assistant
UK Centre for Ecology & Hydrology (UKCEH), Lancaster, UK

Opportunity as Ecology Assistant with a special interest in freshwater environments, to join our Lake Ecosystems Group conducting fundamental research on lake ecosystems to understand their responses to environmental stressors like climate change and pollution, focusing on physical, chemical, and biological processes. You'll play an important role in the interpretation of data, modelling, and reporting on ecological change therefore, you should be comfortable with computer programming and using statistical methods.

More information here.

→ **Próximos cursos:**

- Introducción a la agricultura ecológica biointensiva; 4, 7, 11, 14, 18, y 21 de noviembre, 2024 ([INFO](#)).
- Introduction to Phylogenomics; November 4th, 6th, 8th, 11th, 13th, 15th, and 18th, 2024 ([INFO](#)).
- Environmental variables: how to download and process them with R; December 11th and 13th, 2024 ([INFO](#)).
- Transform your data into an interactive web app with R Shiny; January 7th, 8th, and 10th, 2025 ([INFO](#)).
- Introduction to Macroevolutionary Analyses Using Phylogenies; January 13th, 15th, 17th, 20th, and 22nd, 2025 ([INFO](#)).
- Técnicas de Análisis de Imagen: Tratamiento y Cuantificación de la Imagen Digital; 14, 15, 21, y 23 de enero, 2025 ([INFO](#)).

20% de descuento en todos los cursos por ser socios de SIBECOL.

→ **Curso de Restauración Fluvial impartido**
Organiza: CIREF y NATURALEA
7, 8 y 9 noviembre 2024, Ribera d'Ebre, Reserva de Sebes, Flix

Más información [aquí](#).

→**Curso "Escritura de artículos científicos"**
Organiza: Esociación Española de Ecología Terrestre
21-25 Octubre 2024, On line

Más información e inscripción [aquí](#), y en secretaria@aeet.org.