

Job opportunities / grants

→ **PhD position in eDNA for freshwater pearl mussel**
Northumbria University, Newcastle, UK



This project aims to address the outstanding questions surrounding pearl mussel eDNA biomonitoring through the understudied Northumberland pearl mussel populations and develop a standardised eDNA pearl mussel biomonitoring protocol. One of the aims of the project is to explore the use of newly developed eDNA biomonitoring to distinguish between age range of FWPM populations. The project will involve mesocosm and in-situ experimentation to validate and develop biomonitoring tools for pearl mussel populations. In addition, the project aims to determine both environmental and physiological effects on pearl mussel eDNA signals and DNA methylation patterns over time. The project will benefit from stakeholder input with management expertise, access to facilities, sampling sites and pearl mussel populations.

Deadline: **26/01/2024**

More information [here](#).

→ **PhD position in assessing pressures of freshwater pearl mussel**
Natural Environmental Research Council, UK



Given the critical status of pearl mussel populations, and their habitat requirements, this project seeks to determine optimal sites for species recovery and reintroduction in the river Rede catchment and identify areas within the catchment exerting pressure on in-stream habitat quality. Building on previous work in the catchment this project will: i) map the physical habitat structure along the main River Rede, identifying biotopes that are suited to the presence of freshwater pearl mussels and their hosts; ii) identify river reaches that have hydraulic, sediment, and water quality characteristics that are (un-)suitable for pearl mussel populations; iii) identify areas of the catchment responsible for the delivery of enhanced rates of fine sediment, and assess how interventions may be used to reduce pollution inputs to the river system; iv) assess water quality along the River Rede, identifying hotspots of nutrient inputs and changes in chemical status of the water.

Deadline: **05/01/2024**

More information [here](#).

→ **PhD student mobility program**
Fundação CEER, Galícia-Norte de Portugal



A Fundação CEER informa que se encontram abertas as candidaturas ao Programa IACOBUS 2023/24, nas modalidades de Estadias de Investigação e Publicações Científicas (Papers), destinadas a Docentes (PDI), Investigadores pré e pós-doutorais e Pessoal de Administração e Serviços (PAS) pertencentes a instituições de Ensino Superior da Euroregião Galiza-Norte de Portugal (Universidades, Institutos Politécnicos e Centros Tecnológicos).

Deadline: **15/12/2024**

More information [here](#).

→ **PostDoc position in DNA metabarcoding: diatom biomonitoring**
Institut national de la recherche agronomique, France



- 2.5 years post-doc (or eventually engineer) from 1st semester 2024 (start date flexible), but must be before July 2024.
- You will work in the framework of a national project (Aquaref Diatom).
- You will analyze large DNA metabarcoding datasets from rivers in France (diatoms) and compare them to microscope datasets. We're looking for good diatom taxonomic skills and if possible skills in molecular biology and biomonitoring.
- Your work place: on Lake Geneva shore in France: UMR Carrtel, Thonon les Bains, France.

Deadline: **15/03/2024**

More information [here](#) and [here](#).

→ **PostDoc position in eDNA analysis of freshwater plankton communities**
Department of Evolutionary and Integrative Ecology, IGB, Berlin



Postdoctoral Researcher* (f/m/x) to start on 1 March 2024, for a project using *water and sediment eDNA* to study all trophic levels of freshwater ecosystems. The successful candidate will be part of a team aiming to integrate eDNA methods into the long-term research and monitoring carried out by IGB scientists and is part of a multidisciplinary project investigating the environmental catastrophe in the Oder River of August 2022 (ODER-SO) which is funded by the Federal Agency for Nature Conservation (BfN). Specific applications of eDNA include the study of long-term changes to communities and the detection of invasive species.

Deadline: **15/03/2024**

More information [here](#).

→ **PostDoc position in microbial metagenomics**
Department of Zoology, Charles University, Czech Republic



We are seeking a highly motivated and talented postdoctoral researcher to join our team. The postdoc will play a crucial role in designing, implementing, and interpreting metagenomic experiments using high-throughput sequencing data and manuscript writing. While the focus will be primarily on computational work, there will also be opportunities to contribute to field work, experimental work, or wet lab work if desired. The postdoc will also have the opportunity to develop his/ her own project related to our research focus. This position is part of a large collaborative project “Talking microbes – understanding microbial interactions within One Health framework”, which aims to promote interdisciplinary collaboration between research groups working on different aspects of the interaction of the microbiota with its host and is funded by the Czech Ministry of Education.

For more information, please contact jakubkreisinger@seznam.cz.

Conferences, workshops and courses

→ **Conferencia internacional sobre conservación y gestión de humedales frente al cambio climático**
14-16 febrero 2024, València, España



Queremos recordar la invitación para participar en la “Conferencia internacional sobre conservación y gestión de humedales frente al cambio climático” a través de la presentación de un resumen científico sobre:

- *Humedales y Cambio climático*
- *Humedales y Biodiversidad*

El plazo máximo de entrega será el **12/12/2023**

Toda la información en conferenciahumedales.es.

→ **13th Neobiota conference**
3-6 September 2024, Lisbon, Portugal



NEOBIOTA is an international conference that takes place in Europe every 2 years and normally has 200 to 400 participants from all over the world. This is a conference dedicated to invasive alien species.

See the first circular and important dates in neobiota2024.org.

→The functional role of non-charismatic biodiversity at IBC2024
21-27 July 2024, Madrid, Spain



We are organizing an integrative symposium on "[The functional role of non-charismatic biodiversity on the face of a changing world](#)" at the International Botanical Conference, which will take place in Madrid, during 21-27 July 2024.

We invite you to submit your abstracts until 30 November 2023.

New courses:



- INTRODUCTION TO R. 8-12/01/2024, Online. More [here](#).
- INTRODUCTION TO MACROEVOLUTIONARY ANALYSES USING PHYLOGENIES. 16-26/01/2024, Online. More [here](#).

Remember you have special discounts (20%) for being sibecol member.

More interesting information

→Apoyo al Proyecto Definitivo (PD) de Normas Secundarias de Calidad Ambiental (NSCA) para la protección de las aguas de la cuenca del Río Valdivia (CRV)

Se está promoviendo una carta en apoyo para la pronta aprobación de la Norma Secundaria para la protección de los ríos de la cuenca del Rio Valdivia. .

[Aquí](#) el enlace para el apoyo.

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