



Job opportunities / grants



→ Post-doc position on modelling ecological restoration and global change

Institut National de Recherche pour l'Agriculture, l'Alimentation et l'Environnement, Lyon, France

Two-year post-doctoral position about "modelling the effects of ecological restoration and global change on freshwater macroinvertebrate communities of the Rhône River" at INRAE Lyon, in the [EcoFlowS](#) team and the [RiverLy](#) research unit. This position is part of the long-term interdisciplinary research programme [RhonEco](#) designed to monitor, assess and anticipate the effects of the ecological restoration of the Rhône.

Deadline: **23/02/2024**

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

→ PhD position in Trichoptera taxonomy-ecology

Clemson University, USA



We are seeking an enthusiastic PhD student to be co-advised by Drs John Morse and Brandon Peoples at Clemson University. This NSF-funded project will investigate how multiple dimensions of caddisfly diversity (taxonomic, functional, and phylogenetic) respond to anthropogenic stressors across continents. The student will work as part of a diverse international research team and will collaborate with graduate students and postdocs at the University of São Paulo (Brazil) and Nanjing Agricultural University (China). The project will involve developing creative research questions, sampling adult and juvenile caddisflies from streams across a gradient of human stress, lab-based species identification, developing statistical models, and other duties as needed.

Deadline: **15/02/2024**

For more information, please contact Drs John Morse (jmorse@clemson.edu) and Brandon Peoples (peoples@clemson.edu).

→ **Research fellow and Research assistant position in River Ecology**
Nottingham Trent University, UK



Nottingham Trent University (NTU) and the Environment Agency are collaborating on the Small Streams Network project, which is developing methods to assess the ecological condition of England's small streams. As part of this project, we are advertising two posts: a Research Fellow in River Ecology and a Research Assistant in River Ecology.

The Research Fellow and Research Assistant will conduct a programme of fieldwork to survey the plant communities present in drying and dry small streams. As such, we're ideally seeking to appoint candidates with plant identification skills, but training can also be provided.

Deadline: **10/03/2024**

More information here for the [Research fellow](#) and [Research assistant](#) posts, or contacting Prof. Rachel Stubbington (rachel.stubbington@ntu.ac.uk).

→ **PhD position in Global Change Biochemistry**
Cardiff University, UK



Freshwater ecosystems and organisms are under multiple threats, but one of the largest is from climate change which simultaneously affects flow patterns and thermal regimes. Increasing temperature has direct effects on critical environmental conditions such as oxygen concentrations, which fall as temperatures rise. Effects on organisms are likely, but still poorly understood especially from a biochemical perspective. If clarified, however, biochemical responses to oxygen stress in real ecosystems could provide important indicators of changing conditions.

Oxygen deprivation triggers complex responses in organisms at cellular and tissue levels through which metabolic and bioenergetic demand must be matched with falling oxygen supply. Multiple, evolutionarily conserved molecular responses are involved, including those mediated by oxygen-consuming enzymes (desaturases) that introduce double bonds into long chain fatty acids to form essential polyunsaturated fatty acids (PUFA). As oxygen concentrations fall, however, maintaining PUFA levels could become critical both to individual organisms and whole ecosystem function. This studentship will explore these themes using biological samples from a real lake ecosystem where there is a unique opportunity to i) manipulate whole-lake oxygen concentrations under different thermal conditions and ii) track inter- and intra-annual variations using biomarkers in candidate organisms (eg zebra mussels, zooplankton or algae). As such, the study provides an unusual opportunity to focus biochemical methods on global change issues.

For more information, please contact ormerod@cardiff.ac.uk. Information on the application can be found [here](#), and online application [here](#).

→XXII Congress of the Iberian Association Limnology
23 – 28 June 2023, Vigo, Spain



XXII AIL MEETING
VIGO 2024

The congress will be held at [A Fundación](#) building located in the center of Vigo (Sede A Fundación Vigo Headquarters, Policarpo Sanz, 24-26, 36202 Vigo). You can find all the information of the symposium on the website www.ail2024.com and in the document in this [link](#). Information regarding the inscription, sessions, social events, plenary speakers, etc will be found in AIL 2024 website.

Important Dates

- **Abstract submissions close:** 28th February 2024
- **Early bird registration deadline:** 15th March 2024
- **Notification to authors:** 15th April 2024
- **Authors acceptance of offer:** 1st May 2024

Contacts

Josefina Garrido (University of Vigo, organizing committee): jgarrido@uvigo.es

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Romina Álvarez (University of Vigo, organizing committee): ralvareztroncoso@gmail.com

Organization: info@ail2024.com

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



NEOBIOTA is an international conference dedicated to invasive alien species that takes place in Europe every 2.

If you did not yet do so, please [join our mailing list by making a pre-registration](#) to stay up to date regarding deadlines, registration, abstract submission, and other topics.

We will be announcing keynote speakers on a regular basis. The first two are Elena Tricarico (Italy) and Greg Ruiz (USA). Also, you may want to check our [Neobiota 2024 website at www.neobiota2024.org](http://www.neobiota2024.org) for further information, namely on registration values.

IMPORTANT DATES:

- **Opening abstract submissions and registrations** – Monday, 19th February
- **Abstract submission deadline** – Friday 19th April
- **Early bird registration deadline** – Friday 14th June
- **Late registration deadline** – Friday 26th July

→CESAMIR 2024 (Central European Symposium for Aquatic Macroinvertebrate Research)

Registration open

7 – 14 July 2024, Stará Lesná, Slovakia

CESAMIR2024 conference focuses on current, broad-spectrum research on aquatic invertebrates. The conference WWW site is now fully active, updated and registration is open. So you can register, and of course we will be very pleased if you will spread this news the word.

The link to the conference website, where you will find hopefully all the necessary information, is <https://www.aquabol.sk/cesamir2020/>, brief info can also be found in the attached 1st Announcement.

For news / updates check www, fb or X (#CESAMIR2024).

More interesting information

→Proyecto RIPARIANET - Percepción de los agentes interesados



El proyecto **RIPARIANET** - **Priorizando los ecotonos de ribera para conservar y conectar múltiples componentes funcionales y de biodiversidad en las redes fluviales (Biodiversa+)** tiene como objetivo comprender mejor cómo se distribuyen las distintas funciones y servicios ecosistémicos proporcionados en estas redes verde y azul, y ofrecer a los responsables de la toma de decisiones herramientas que permitan identificar los hotspots ecológicos para priorizar su conservación.

Un aspecto clave de este proyecto es el intercambio de conocimiento entre investigadores y agentes interesados, desde usuarios finales locales hasta agencias estatales y organismos de conservación. Como primer paso en este proceso de intercambio, hemos diseñado un cuestionario que evalúa la opinión de los agentes interesados sobre la integridad ecológica y el estado de conservación de las zonas de ribera. Enlace al cuestionario: [aquí](#).

→Call for Early Career Researcher Working Groups and Modular Synthesis Projects (SynFlex)

The new sDiv call for synthesis projects is open.

What is funded? Flexible synthesis projects with different modules (e.g. working groups, short term guest exchange, student helpers, Catalysis meeting -> NEW!), and Early Career working groups

Where to get all information from? [Here](#)

Pre-proposal deadline: 12/03/2024

Os animamos a inspiraros en [eventos pasados del WFMD](#) para motivar a las personas a conocer, imaginar y actuar en favor de los peces migratorios y los ríos de flujo libre en #WFMD2024 y más allá. ¡Ya puedes [registrar tu evento WFMD](#): todos los tipos de eventos son bienvenidos! **Celebremos juntos la importancia de los ríos de flujo libre y el papel vital que desempeñan en la vida de los peces migratorios y las personas.**

¡No te pierdas el [Happy Fish Athlete Challenge](#) y haz del 2024 tu año más aventurero! Como parte de #WFMD24, te invitamos a encontrar tu pez migratorio interior y mostrar tus habilidades atléticas. Puedes elegir la distancia del desafío hasta el 30 de abril y descubrir toda la emoción de este reto. Además, si completas el desafío y nos envías la prueba de finalización al equipo de WFMD, ¡recibirás una divertida camiseta de pez migratorio! Nuestros colegas del [DFO en Canadá](#) ya se han sumado al desafío del gobierno. ¡Únete y hagamos de este un año memorable!

→Call to collate a database of stable isotope data from European freshwater communities

In this new collaborative study, we aim to (a) compile a comprehensive dataset of stable isotope data (carbon $\delta^{13}\text{C}$ and nitrogen $\delta^{15}\text{N}$) from European freshwater ecosystems and (b) to disentangle major patterns and drivers of trophic interactions across trophic levels (including fish, macroinvertebrates, macrophytes, benthic algae, phyto- and zoo-plankton, and other associate taxonomic groups), using various taxonomic and functional diversity metrics, species traits, and comprehensive environmental variables.

If you do have stable isotope data of freshwater communities that fulfill the above-described criteria and you are interested to join our initiative, please send your data to phillip.haubrock@senckenberg.de no later than **1st October 2024** using the provided [template](#). We offer co-authorship to all data providers.

More information [here](#).

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