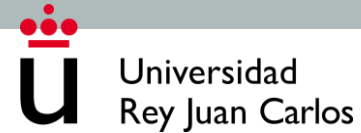


Job opportunities / grants

→ PhD position on freshwater ecosystems
Universidad Rey Juan Carlos, Madrid, Spain



We are looking for a candidate interested in applying for a FPU (Formación de Profesorado Universitario) predoctoral contract to do a doctoral thesis in freshwater ecology. The contract would be associated with the research project “Holistic evaluation and restoration measures of human impacts on freshwater ecosystems across biogeographical gradients - FreshRestore”. The purpose of this project is to examine stressors on aquatic ecosystems (e.g. land use changes, vegetation cover, temperature, nutrients and dissolved organic carbon, etc.) through an integrated approach that combines understanding how stressors affect aquatic ecosystems biotically (individual, population and functioning of trophic networks) and socioeconomically.

For further information, please contact with Javier Sánchez (javier.sanchezh@urjc.es).

→ 2 PhD positions in Palaeoecology / mountain lake ecology
Universidad de Basilea (University of Basel), Switzerland



The two PhD students will conduct fieldwork in extensive field campaigns sampling Swiss mountain lakes with support of other research group members. They will collect water chemistry, observational and recent historical data and obtain short sediment cores encompassing sediments deposited during recent decades. Palaeoecological analyses will focus on identifying aquatic invertebrate remains, with one position concentrating on cladocerans and the other on chironomids, as well as on analyzing carbon isotopes in chitinous invertebrate structures. Together with other proxy data, this will result in high-resolution reconstructions of ecosystem change at these sites during the recent past.

More information [here](#).

→ Postdoc position on conservation of aquatic biodiversity
Centro de Biologia Molecular e Ambiental (CBMA), Universidade do Minho, Portugal



It is now open a call for applications for a post-doctoral research fellowship (BIPD2/RIVER2OCEAN-CBMA/2021) in the framework of the R&D project NORTE-01-0145-FEDER-000068, “River2Oceam - Socio-ecological and biotechnological solutions for the conservation and valorisation of aquatic biodiversity in the Minho Region” with financial support from the European Regional Development Fund (ERDF), through the NORTE2020 Program.

Deadline for application is **20th December 2021**.

More information [here](#).

→ Postdoc position in improving forecast of water quality in deep-perialpine lakes

Institut de Recherche Public œuvrant pour un Développement Cohérent et Durable de l'Agriculture, l'Alimentation et l'Environnement, France

One dimensional models have been widely implemented over that last years, but most of these models are calibrated and validated against very few years of limnological records, potentially limiting the robustness in long-term reconstructions and preventing inclusion of future scenarios. To analysis the variability and the effects of climate change on ecological dynamics of deep hardwater lakes, the successful candidate will rely on the Aquatic Ecodynamics model (AED) and on pluri-decadal series of limnological data collected by the French Observatoire des LAcS (OLA). Model simulation will be further validated with published paleolimnological records of oxygen conditions 4,5, primary productivity and algal communities for the past 300 years.

Deadline for application is **15th December 2021**.

For additional information on this project, please contact Dr Jean-Philippe JENNY, jean-philippe.jenny@inrae.fr.

→ Postdoc position on environmental data analysis

Stroud Water Research Center, USA



Stroud Water Research Center seeks a postdoctoral associate to conduct spatio-temporal analyses of environmental data from streams and rivers in the mid-Atlantic region of the United States. The postdoctoral associate will work under the direction of scientists at the Stroud Center and collaborate closely with scientists and staff at the National Park Service's (NPS) National Capital Region Inventory and Monitoring Network (NCRN).

More information [here](#).

→ Postdoc position in mangroves modeling

Institut Pierre et Simon Laplace, France



Mangroves are part of the blue carbon concept, defined as the carbon fixed from the atmosphere by coastal ecosystems. Despite occupying a relatively small area compared to other tropical forests, mangroves sequester more carbon, and do so at a higher rate, compared to these other forest ecosystems. However, the role of mangroves in the carbon/climate feedbacks are not well understood, and they are not integrated in Earth system models used to predict climate dynamics and climate change.

The main scientific objectives of the position will be to developed a new version of the ORCHIDEE land surface model that includes the main mangroves-related mechanisms impacting the carbon cycle and hydrology, with a focus on belowground processes. This new version of ORCHIDEE will be used for long term present and future simulations at the global scale to determine the feedbacks of mangrove forest to climate change, including sea level rise. Specific tasks will include developing functionalities related to the specific hydrology of mangroves ecosystems, and vertical representation of mangrove soils.

More information, applications and inquiries should be sent to Bertrand Guenet (guenet@geologie.ens.fr), and Laurent Bopp (bopp@lmd.ens.fr).

→ 39th IAHR World Congress, 2022: From Snow to Sea
19th - 24th June 2022, Granada, Spain



39th IAHR
WORLD CONGRESS
GRANADA, SPAIN 2022
From Snow to Sea

Organised by the *International Association for Hydro-environment Engineering and Research (IAHR)*.

For more than seventy-five years, the biennial IAHR World Congresses have brought together leading experts to help address the world's pressing water environment engineering challenges. The event has traditionally provided researchers and decision makers the opportunity to share recent advances and experiences, identify emerging technology trends and engage in lively debates that have positively impacted our world.

More information about the Congress [here](#).

→ 7th Iberian Congress of Cyanotoxins / 3rd Iberoamerican Congress of Cyanotoxins
18th - 20th July 2022, Ponta Delgada, Azores, Portugal

Organised by *CIBIO-Açores, Faculdade de Ciências e Tecnologia, Universidade dos Açores*.

Este ano pretendemos abordar temas que vão desde a ocorrência de toxinas e à sua mitigação, as cianobactérias e as suas toxinas no contexto das alterações climáticas, gestão de águas contaminadas com cianotoxinas, as aplicações biotecnológicas de cianotoxinas e outros metabolitos e o impacto de coleções de cultura no seu estudo.

Visit the congress website [here](#). You can contact the Organizing Committee through the congress email: info@7cic.com. More information will be available soon in the first circular.



→ VI National Congress and I Iberian Congress about Exotic Invasive Species
20th - 23rd April 2022, Universidad de Navarra, Spain

Organised by the *GEIB (Grupo Especialista en Invasiones Biológicas)*, in collaboration with the project *LIFE INVASAQUA* and the *Museo de Ciencias de la Universidad de Navarra*.

EEI 2022 will have workshops, in which the problems associated with aquatic ecosystems, the relationship between invasive exotic species and emerging diseases in Europe, as well as bioethics in biological invasion management programs will be analyzed.

Life Invasaqua offers 10 scholarships to students and Young researchers covering the inscription fees to the Congress and facilitating the participation in the workshop about the method to assess the ecological impact of invasive exotic species organised by the IUCN.

All the information [here](#)

EEI 2022

Conferences, workshops and courses

→ **First International Conference on Riparian Ecosystems Science and Management**
6th - 8th April 2022, Bratislava, Slovakia

Organised by the *COST Action CONVERGES* (<https://converges.eu/>) and by the *Plant Science & Biodiversity Center, Slovak Academy of Sciences*.

At the Conference we invite academia and civil society to discuss and share knowledge to understand how riparian ecosystems are studied and managed across the world. Example of topics: socioecological functioning; changes and future trends under multiple disturbances; methods and tools; management, conservation and restoration.

Deadline for abstract submission: **8th December 2021**

Webpage of the Conference [here](#).

For further questions and stay in touch, please contact: ripa-1@sciencesconf.org.



→ **36th Congress of the International Society of Limnology**
7th - 10th August 2022, Berlin, Germany

Organised by the *International Association of Limnology (SIL)*
and by the *Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB)*.



Deadline for submitting a session proposal is **8 December 2021** at 23:59 H in Berlin (22:59 UTC).

Webpage of the Congress [here](#).

→ **9th Plant Litter Processing in Freshwaters Congress (PLPF9)**
16th - 19th May 2022, Braga, Portugal

Organised by the *Centre of Molecular and Environmental Biology (CBMA)*
and the *Institute of Science and Innovation for Bio-Sustainability (IB-S)*.



Deadline for submitting abstracts is **10th December 2021**.

Webpage of the Congress [here](#).

→ **Webinar - Pensar as algas “fora de água”**
17th January 2022 (15h - 17:30h PT time, online)

Organised by:
Associação Portuguesa de Algologia Aplicada (APAA).

More information: algologiaaplicada@gmail.com.



Other interesting information

→ 5th World Fish Migration Day, WFMD

El Día Mundial de la Migración de los Peces se celebra cada dos años en todo el mundo para concienciar sobre la importancia de los peces migratorios y de los ríos que fluyen libremente. Este día internacional de eventos está coordinado por la fundación World Fish Migration Foundation. Pueden recibir los boletines mensuales registrándoseos [AQUÍ](#).

El próximo 21 de mayo celebraremos un World Fish Migration Day 2022 realmente especial, ¡con nuestra nueva campaña BREAK FREE!

- Petición Global en la que cualquier organización es bienvenida a firmar y apoyarnos [AQUÍ](#).
- ¡Le invitamos a [REGISTRAR UN EVENTO](#) el 21 de mayo de 2022, o unos meses antes o después de esta fecha!
- Estamos trabajando en el concurso de canciones [Eurofishion2022](#)

<https://www.worldfishmigrationday.com/>



→ New Special Issue: "Biological Invasions in Biologia Journal (Springer)"

This Special Issue aims to bring together a set of reviews and research articles about all aspects of plant invasion biology, emphasizing patterns and processes of biological invasions in terrestrial, freshwater, and marine ecosystems. Also of interest are scholarly papers on management and policy issues related to conservation programs and the global control of invasions. This Special Issue also welcomes risk management frameworks, including strategies for managing species or their impacts. This Special Issue aims to deepen our knowledge of the routes of introduction of invasive species, identify the most invaded regions and habitats, characterize species invasiveness, genetic diversity of invasive versus native species, and the modification of ecosystems, species control management and the like. Furthermore, specific case studies are welcome.

The deadline for submission is **30th April 2022**.

More information [here](#).

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