

Job opportunities / grants

→ Postdoc position in Quantitative Freshwater Ecology University of Canterbury, New Zealand



UC's School of Biological Sciences has an opportunity for a Postdoctoral Fellow to participate in a research project, Achieving sustainable and resilient river ecosystems in Aotearoa under climate change, funded by Te Pūnaha Matatini. Your role will focus on forecasting freshwater fish community responses to climate change and to generate near-term forecasts and long-term projections of freshwater fish community responses to changing flow regimes. By developing a combination of mechanistic, statistical and hybrid modelling approaches we will enable both near-term forecasts and longer-term projections of various climate-change scenarios that are relevant to decision makers and robust to hydro-climatic nonstationarity.

Deadline: **31st July 2022** (midnight, NZ time)

Link to details and application portal [here](#).

→ Postdoc position in Biological Sciences Universidade do Minho - ISISE, Portugal



Workplan and objectives to be achieved: Optimizing seawater environmental DNA metabarcoding analyses for biodiversity assessment in the ocean, including water volume to be used, as a function of sampling depth, as well as molecular and bioinformatic protocols. Assessing spatial and depth variation in the detection of taxa from samples collected in the scope of K2D. Bioinformatic analyses and exploration of high-throughput sequencing-derived data in connection with environmental variables. Reporting and publication of ensuing findings in scientific papers.

More information [here](#).

→ Postdoc position on DNA metabarcoding : microbial and diatom ecology National Research Institute for Agriculture, Food and the Environment (INRAE), France



Phytoplankton and diatoms are ecological indicators used to assess the quality of lakes and rivers. The current methods are based on microscopic identifications. We have developed methods to identify phytoplankton and diatoms based on short DNA fragments -metabarcoding- to automate and accelerate the identifications. The person who will be engaged will participate to knowledge transfer to UB-ICTM (with several permanent staffs) and will produce new knowledge on diatom and microbial ecology in lakes and rivers using existing metabarcoding datasets. The workplace will be the Lake Geneva shore in France: UMR Carrtel, Thonon les Bains, France.

Deadline: **15th September 2022**

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

We invite applications from candidates in all areas of climate science, and particularly those with interdisciplinary interests and ambitions. Specific areas of research interest could include: global and regional climate-Earth system modelling, analysis of observational and modelled data sets, ocean and atmosphere circulation, ocean-atmosphere interactions, climate-cryosphere dynamics, organism-environment interactions and/or adaptations in a changing climate, and climate-Earth system changes on anthropogenic and palaeo timescales.

More information can be found here [here](#) or J.A.Godbold@soton.ac.uk.

→ PhD position in Resilience of Mediterranean low-lying coastal landscapes
Eurecat Centro Tecnológico de Cataluña, Spain



The aim of the proposed research is to contribute to predict the dynamics of these important Mediterranean ecosystems under climate change scenarios as well as to assist in the design of effective nature-based solutions for climate change adaptation and mitigation, i.e., development of suitable management schemes and restoration actions to promote the delivery of ecosystem services for climate change adaptation and mitigation and biodiversity enhancement.

The proposed research will deal with a large-scale mesocosm experiment to evaluate the effects of climate change induced stressors (warming and sea level rise) on Mediterranean halophilous habitats with a high potential for the delivery of ecosystem services for climate change adaptation and mitigation. The thesis will be framed in the EU H2020 project REST-COAST, Large scale RESToration of COASTal ecosystems through rivers to sea connectivity (H2020-LC-GD-2020-3-101037097; <https://rest-coast.eu>).

More information about the PhD position offer [here](#).

Conferences, workshops and courses

→ 37th Annual Meeting of the German Society for Limnology
19-23 September 2022, Konstanz, Germany

Universität
Konstanz



The motto for the meeting is “Living together - a blue strategy to preserve and promote diversity”.

This year, instead of some long plenary lectures, we have decided to plan a series of shorter, excellent lectures on the topics 'Global Change and Biodiversity' (Monday) and 'Invasive Species' (Tuesday). Following the presentations, the speakers will participate in a panel discussion in which these topics will be considered and discussed from different perspectives. Together with the presenters and conference participants, we will then discuss which measures are currently already being implemented, which findings from basic research have not yet been translated into management strategies, and which important aspects have not yet been considered in basic research but are of great importance in application.”

Speakers in:

Global Change and Diversity: Sonja Jähnig, Núria Bonada, Mario Sommerhäuser, Daniel Hering.

Invasive Species: Kathrin Theissing, Alexander Brinker, Mathias Kuemmerlen

More information of the conference [here](#).

Call to participate in collaborative projects

Call to participate in the **EU-wide, young-researcher project "Phytoplasic"**. If you are a young researcher (Master student, PhD, Postdoc who received PhD degree no earlier than December 2019) or know young researchers or Master students who might be interested, please read on and spread this to interested people!

"Phytoplasics" is the 4th Freshproject funded by the EFFS, and will look into benthic algae growth on different plastic polymers over a wide spatial gradient (all of the EU). The goal is to learn more about microplastic as a new habitat for benthic algae, and to study the succession of algae over different seasons. More project info [here](#).

If you want to participate, form a team (2 or more people), check that you have access to limnological sampling equipment, and time to sample 4 times (during 1 week) during four sampling seasons.

Sign-up (deadline: July 15th 2022) [here](#).



AIL-SIBECOL MEETING - AVEIRO 2022

Welcome to "Ecology: Bettering our sustainable future through scientific knowledge", an event joining the 2nd Meeting of the Iberian Ecological Society (SIBECOL), the XXI conference of the Iberian Association of Limnology (AIL), and the 21st National Congress of Ecology of the Portuguese Ecological Society - SPECO) that will be held in Aveiro, Portugal in July 2022.

Final scientific program, and all the information are updated in the official webpage: <https://sibecol-ail-meeting2022.pt/scientific-program/>



SIBECOL
AIL  **MEETING**
2022
3-8 JULY AVEIRO

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