

Predocctoral Researcher Position at University of Vic, Barcelona (Spain): Latitudinal changes in ponds biodiversity and ecosystem functioning, with special focus on carbon fluxes and storage

The University of Vic - Central University of Catalonia (UVic – UCC) is a young and very dynamic university in Central Catalonia, with a special commitment to quality education, innovative research and internationalization. The Aquatic Ecology Group of UVic-UCC is formed by a young team of researchers and has recently been granted a Horizon 2020 grant to lead the project *PONDERFUL: Pond ecosystems for resilient future landscapes in a changing climate*. The consortium is composed by 18 partners from nine European states and from Turkey and Uruguay.

PONDERFUL aims are to increase understanding of the ways in which ponds, as a nature-based solution, can help society to mitigate and adapt to climate change, protect biodiversity and deliver ecosystem services. PONDERFUL project starts in December 2020 and lasts for 4 years.

We are looking to hire a full-time **pre-doctoral researcher for 3 years, which will be connected to PONDERFUL research project**. The PhD will be supervised by Drs. Sandra Bruçet and Mireia Bartrons.

Topic:

The successful candidate will be part of our team studying how temporary ponds biodiversity (plants, invertebrates, fish, and amphibian) and ecosystem functioning (with special focus on carbon fluxes and storage) vary across a climatic gradient. The work will be based on a stratified sampling in beautiful environments in parallel with other research teams from Europe and CELAC. Our team will be focused on temporary ponds. International collaboration and possibility for research stays abroad during the PhD are granted.



Temporary ponds in [Cap de Creus](#) and [l'Albera](#)

The candidate will deal with, among others, the following **tasks**:

- Sampling ponds in Catalonia (NE Spain)
- Quantifying ponds biodiversity (plants, invertebrates, fish, amphibian)
- Quantifying specific ecosystem functions
- Publishing results in peer-reviewed journals
- Presenting results at scientific meetings

We offer a nice and dynamic working environment with intimate and highly personalized research and education experience. The successful candidate will also work closely with other PhD students, postdocs and undergraduates, offering numerous informal teaching and personal development opportunities.

Requirements:

- Master degree in a topic with links to aquatic ecology
- Good academic record
- Strong motivation to work in a collaborative environment

Please send your CV, including your Grade Point Average (GPA), to Dr. Sandra Bruçet (sandra.brucet@uvic.cat)

Consideration of candidates will continue until the position is filled.

University of Vic - Central University of Catalonia

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