

We are hiring!

PhD offer to study the resilience of aquatic populations and communities to chemical stress in Mediterranean coastal wetlands

What? We are seeking for a highly motivated person with experience on aquatic ecology and ecotoxicology and aiming to develop a PhD project. The PhD project will be embedded in the ERAHUMED project, which aims to develop new tools to assess the combined effects of chemical pollution and global climate change in Mediterranean coastal wetlands. The candidate will use a combination of experimental (e.g. micro-mesocosms) and modelling (e.g. Bayesian networks, food web modelling) approaches to study the impact of gradients of chemical and environmental stress on plankton and macroinvertebrate populations and communities, their resilience to multiple stressors, and their impact on ecosystem stability properties and ecosystem functional endpoints. Ultimately, the candidate is expected to generate new knowledge about the resilience of aquatic ecosystems to global change and to develop quantitative methods that allow the derivation of ecosystem protection and restoration measures.

When? The PhD will start in November 2021 and will have a duration of 3 years.

Where? The PhD will be developed at the Cavanilles Institute of Biodiversity of Evolutionary Ecology, which belongs to the University of Valencia (Spain), under the supervision of [Dr Andreu Rico](#)

How to apply? Please send your CV and transcript of records to andreu.rico@uv.es before the 20th of September.

Candidate Requirements

- The candidate must have obtained a bachelor's degree on Biology, Environmental Science or equivalent after 1st January 2016 and hold a master's degree on Environmental Contamination, Toxicology, Biodiversity, or similar.
- The candidate should not be a doctor.

Eligibility criteria

The candidate should:

- Be highly motivated and committed to develop a scientific career.
- Have experience on the use of modelling and statistical tools as well as on GIS for the analysis of ecological data.
- Have experience on aquatic ecology and ecotoxicology.
- Have experience on scientific reading and writing.
- Have a high level of written and spoken English.
- Have a driving license.