

PhD position for the assessment of contaminants of emerging concern in marine waters

The role

We are hiring a predoctoral researcher to work for the European project ONE BLUE (GA: 101134929). The main role will be the development, evaluation, optimization and validation of bioassays for implementation in novel approaches for ecotoxicological assessment. This will be combined with chemical analysis of complex samples from marine environment to assess the impacts and risks of contaminants of emerging concern (CECs) in marine ecosystems.

What do we look for?

- **Qualifications**

The candidate must hold a master thesis in chemistry, chemical engineering, environmental sciences or biology.

- **Competences**

- Skills in analytical chemistry and positively evaluated to have knowledge in ecotoxicology.
- It will be positively evaluated skills in data analysis, R-programming, and manuscript writing.
- It is an essential requirement that you have an excellent level of English.
- Creativity, innovation, self-taught and easy-going character will be an advantage.

Working conditions

- **Contract duration: 3 years**
- Estimated annual gross salary: to be discussed
- Target start date: 02/05/2024

The group

The student will develop the PhD thesis under the direction of Dr. Marta Llorca and Dr. Victoria Osorio, both from the Environmental and Water Chemistry for Human Health ([ONHEALTH](#)) group. The ONHEALTH group is devoted to enhance the understanding of the sources, occurrence, fate and behavior of pollutants of anthropogenic and biogenic origin and their impact on the environment and human health.

The institute

The **Institute of Environmental Assessment and Water Research (IDAEA)** is an environmental science institute devoted to the study of the human footprint on the biosphere. Much of the research work at this institute is centred on two of the great environmental challenges of our time: cleanliness and availability of water and quality of air.

Founded in 2008 as a member of the **Spanish National Research Council (CSIC)**, the Institute brings together a wide range of expertise in environmental science. It is organized under two Departments (Environmental Chemistry and Geosciences), established with a strong record of publication in top scientific journals, leading international projects, membership on international

committees, and adopting a high-profile contribution to the identification and remediation of environmental problems.

IDÆA has demonstrated strengths in the analysis of organic pollutants and their impact on ecosystems, the study and management of water resources, the development of multivariate resolution algorithms in chemometrics, and in the study of inhalable particulate matter and toxic gases.

IDÆA has been recently awarded with the distinctive **Centre of Excellence “Severo Ochoa”** (2020-2023), distinction that indicates the high-quality scientific leadership and global impact of the work developed at the centre.

We offer a diverse and inclusive environment where no discrimination against disability, gender, nationality, religion or sexual orientation will occur during the selection process.

How to apply?

Those interested may email their **CV** and **motivation letter** to **Marta Llorca** and **Victoria Osorio** at marta.llorca@idaea.csic.es, victoria.osorio@idaea.csic.es adding “PhD position for ONE BLUE EDA” to the email subject.

Deadline: 15/04/2024