



Pre-doctoral Job Offer

The role

The Institute of Environmental Assessment and Water Research (IDAEA-CSIC) offers 1 doctoral position to support the wildfire research line of the Environmental Geochemistry and Aerosol Research Group (EGAR). The PhD thesis will aim to understand and characterise the impacts on ambient air quality and personal exposure of wildfire emissions in Spain, in the framework of the FIRE-RES project. The research will imply ample fieldwork in Catalonia and Galicia during summer campaigns in the wildfire season.

What do we look for?

Candidates must hold BSc and Master degrees in environmental science, physics, chemistry (in general, life sciences), preferably with data processing skills. Experience with R, data streams and/or sensor technologies and/or GIS will be valued. The successful candidate will need to be available for travel during summer periods for the fieldwork. Drivers license required.

Working conditions

- **Contract duration: 3-4 years**
- Salary will commensurate with qualifications and experience
- Target start date: 01/01/2022.

The group

Environmental Geochemistry and Aerosol Research Group (EGAR;
<https://www.idaea.csic.es/egar/>)

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 **Dr. Mar Viana** at mar.viana@idaea.csic.es, adding “**Pre-doc Fire-Res position**” to the email subject.

Deadline: 30th September 2021