


Company
Description

We are a Research Centre on the causes and consequences of climate change. Led by one of the most recognized scientists in the Climate Change field -Prof. Maria José Sanz, we produce multidisciplinary knowledge to support decision making towards sustainable development at the international level. With a multidisciplinary team, connected to the main scientific institutions, networks and socio-economic agents, for a decade, our contribution to research of climate change and to the science-policy interface puts us in a unique position to offer knowledge, tools, new methodologies and cross-cutting proposals, that we lead towards action in a collaborative framework with stakeholders, to design and help implement policies aimed at sustainable development.

Information

 Deadline: 2020-10-23
 Category: Academia
 Province: Bizkaia

 Country: Basque Country
 City: Leioa

Company**BC3 Basque Centre for Climate Change****Main functions, requisites & benefits****Main functions**

The Basque Centre for Climate Change (BC3) opens a competitive call for applications for a Technical Assistant with a glaciological background. The applicant will develop her/his work in the context of the Spanish funded project iMechPro: Ice Microstructure and Mechanics, and their Implications for the Integrity of Climate Proxies in Ice Cores. The main objective of this project is to study the formation and decay of natural ice masses and their climate proxies by means of automated optical microscopy and microstructural analysis at cold temperatures. The research activities of the Technical Assistant will be conducted at BC3, in its low-temperature laboratory for ice microscopy, the IzotzaLab. To support the maintenance and operation of the IzotzaLab. To prepare (sawing, microtoming, etc.) ice samples for optical microscopy. To accomplish appropriate data treatment of the experimental results. To collaborate in the production of reports and publications.

Requisites

A degree in Physics, Mechanical Engineering or Geology, with proven expertise in the microstructure of natural ice. The applicant must also substantiate experience in automated microscopy with the Leica DM6M optical microscope and image processing with the software FIJI/ImageJ. Availability and capability (incl. driving license) to accede to the IzotzaLab at any time (24/7), in case of an incident (e.g. system or power failure). Advanced skills in LaTeX, Power-Point and Microsoft Word. Advanced skills in Microsoft Excel and PAST. Advanced skills in spoken and written English, Spanish, and Basque (minimum certified level for each language: B1). Excellent oral and written communication skills.

Benefits

As a HR Excellence awarded institution, BC3 is committed to conciliate research-academic requirements and family duties. BC3 is particularly concerned with creating equality opportunities for women and men. Women with relevant qualifications are therefore strongly encouraged to apply for the position.