

## **POSTDOCTORAL RESEARCHER FOR COS4CLOUD PROJECT (ref. 21-012-29718)**

CREAF is seeking for a postdoctoral researcher full-time for developing the CREAM contribution to the COS4CLOUD project ("Co-designed Citizen Observatories Services for the EOS-Cloud), with ref. H2020-INFRAEOSC-02-2019-863463, from the H2020 program, and financed by the European Union.

The contract is initially for 6 months, starting in May 2021, and could be extended until the end of the project (28/02/2023), depending on funding and the development of the project. The salary offered is 29.027,25 € gross per year.

### **TASKS**

- Define an interoperable architecture for Citizen Science in the context of the European Open Science Cloud.
- Develop demonstrators of web technologies in support of the project needs and in continuation of the group legacy.
- Organize interoperability experiments on Citizen Science.
- Work on new OGC standards and documents.
- Maintain communication with the relevant project consortium and monitor the project evolution.
- Writing scientific literature or produce materials/data supporting the writing process
- Elaborate the project deliverables assigned to CREAM.
- Contribute to the integration of EU funded projects results in the MiraMon software (desktop, mobile and web) as a mechanism to elevate the TRL of solutions.
- Contribute to the promotion Grumets research group and to the use of the MiraMon software (desktop, mobile and web).

### **REQUIREMENTS**

- PhD in Environmental, Biological Sciences, Geography, Informatics, Physics or similar.
- GIS skills.
- Some level of programming skills in at least one of the following languages: JavaScript, Python, C or similar.
- Good level of English, written and spoken.
- Availability for traveling abroad (when pandemic permits).

### **ASSESSABLE CONDITIONS**

- Experience in post doctorate research and development work or supporting research and development.
- Training and experience in topics such as Remote Sensing, Data Management, Citizen Science and application of geospatial standards.
- Experience in developing applications in cloud environments such as the Copernicus DIAS.
- Fluency in exposing ideas and discussing in public.
- Experience in previous European Union projects.
- Building or contribution to web map browsing technologies.
- Deep knowledge in geospatial standards (sensors, metadata, data quality web services, APIs)

- Careful attention to details.
- Working independently but in constant coordination with a team.
- Good level of Catalan, written and spoken.

#### SELECTION PROCESS AND CRITERIA

1. Admission of candidates: **applicants must submit a CV, a cover letter (maximum 500 words) and the questionnaire attached to the offer (filled), by e-mail to [laboral@creaf.uab.cat](mailto:laboral@creaf.uab.cat), until 9 May 2021, indicating the reference code of the offer.** Applications referred to another portal, other than CREAM job openings section and the instructions included in this, will not be accepted.
2. Pre-selection: determination of compliance with the minimum requirements of the offer.
3. Selection: assessment of the preselected candidates by scoring based on objective criteria.
4. Final decision: in case of finding the suitable person, the election will be formally communicated to him/her, and the identification of the chosen person will be published on CREAM job openings section.

