TECHNICIAN OR POSTDOCTORAL RESEARCH FOR THE CITIOBS PROJECT (ref. 22-060-29811)

CREAF is seeking for a technician **or** postdoctoral for developing the CREAF contribution to the CITIOBS project (Enhancing Citizen Observatories for healthy, sustainable, resilient and inclusive cities), with ref. 101086421 – CitiObs - HORIZON-CL6-2022-GOVERNANCE-01, from the Horizon Europe program, and financed by the European Commission through the European Research Executive Agency.

A full-time contract is offered, with incorporation foreseen in January 2023 and for the duration of the project (3 years). The salary offered is between 23.700,25€ and 27.086€ gross per year, for a technician profile, or 30.471,75€ gross per year, for a postdoctoral profile.

TASKS

– Develop Tools, Technologies, and Data Services for Citizen Observatories.
– Develop demonstrators of standard web technologies in support of the project needs and in continuation of the group legacy.
– Co-design of the CitiObs tools, Cookbook and Knowledge Platform and evaluation of demonstration activities.
– Contribute to the impact creation, Communication, Dissemination and Exploitation of CitiObs.
– 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 CREAF.
– 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.
– Geospatial Information System skills.
– Previous experience in Citizen Science projects or campaigns.
– Good level of English, written and spoken.
– Availability for traveling abroad.

ASSESSABLE CONDITIONS

– Some level of programming skills in at least one of the following languages: JavaScript, Python, C or similar.
– Training and experience in topics such as In-situ data gathering, data management, and application of geospatial standards.
– Experience in developing applications in cloud environments such us EOSC or Amazon Cloud.
– 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 *curriculum vitae*, a cover letter (maximum 500 words) and the questionnaire attached to the offer (filled), by e-mail to laboral@creaf.uab.cat, until 4 December 2022, indicating the reference code of the offer.** Applications referred to another portal, other than CREAF 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 CREAF job openings section.