

RESEARCHER IN SUPPORT TO EUROPEAN GEOSPATIAL PROJECTS (ref. 22-057-29000)

CREAF is seeking a technician researcher for developing the CREAM contribution to European Union projects related to geospatial information systems, geospatial data management, data processing and data and metadata encoding, digital twins, data spaces and the application and evolution of international standards on in-situ or remote sensing. Main domains of application are (but are not limited to) biodiversity, ecosystems, water and agriculture.

A full-time contract is offered, with incorporation foreseen in December 2022, and will be a contract linked to the budget of the projects described above ("actividades científico-técnicas", according to the Law 14/2011). The salary offered is 33.067,55€ gross per year.

TASKS

- Take responsibility of the management and development of projects.
- General support to the activities with CREAM participation in European Research projects mainly related to:
 - o Big geospatial data visualization and analytics.
 - o Application of the FAIR principles and GEO Data Sharing and Management Principles.
 - o Geospatial data requirements for in-situ and remote sensing data.
 - o Citizen Science data integration.
 - o Application of Geospatial standards.
 - o Development of geospatial web clients and services.
 - o Application of remote sensing based solutions.
- Main author of written deliverables that the consortium has to submit in the context of the projects.
- Deliver of the work required to fulfill the tasks assigned to CREAM in the project plan.
- Maintain communication with the relevant project consortium and monitor the project evolution.
- Task of Coordination of the projects.
- Writing scientific literature or produce materials/data supporting the writing process.
- Contribute to the promotion of the Grumets research group and to the use of the MiraMon software (desktop and web).
- Do research in fields such as Ecology, Modeling, Agriculture, Phenology, Remote Sensing, Data Management, Analysis and Presentation directed to solve the challenges of the projects and in contribution to the dissemination to the results of the projects.
- Attend project meetings, stakeholder & co-design meetings, Advisory Board meetings and thematic conferences.
- Apply geospatial standards and contribute to their development.

REQUIREMENTS

- Higher degree in Environmental, Biological Sciences or similar, with experience in multidisciplinary work.
- Scientific PhD obtained before 2018.
- Experience in previous European Union projects.
- At least, training and experience in one of these topics: Ecology, Modeling, Agriculture, Phenology, Remote Sensing, Data Management, Analysis and Presentation.

- Knowledge and skills in group work.
- Good level of Catalan, Spanish and English, written and spoken.
- Availability for traveling abroad.

ASSESSABLE CONDITIONS

- Previous experience similar projects.
- Experience in participatory processes and work with multi-stakeholder platforms.
- Experience in application development in JavaScript and Python.
- Experience in script programming.
- Fluency in exposing ideas and discussing in public
- Knowledge on geospatial standards and the consensus process used for their development.
- Careful attention to details.
- Working independently but in constant coordination with a team.

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 24rd November 2022, 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.