

POST-DOCTORAL RESEARCH ASSOCIATE ON ECOMETABOLOMICS FOR FUTURE-ARTIC PROJECT (ref. 20-015-03694)

CREAF seeks for a post-doc profile to the project FUTURE-ARTIC (A glimpse into the Arctic future: equipping a unique natural experiment for next generation ecosystem research), funded from the European Union's Horizon 2020 research and innovation programme. The contract will be full-time (37,5h per week), is expected to start in April 2020, and will finish at the end of the tasks required for the project.

TASKS

- NMR analyses of soils and plants and animal tissues in our field sites in Iceland.
- Orbitrap analyses of soils and plants and animal tissues in our field sites in Iceland.
- Coordination of sampling, gathering and processing FUTURE-ARTIC datasets for ecometabolomics.
- NMR and Orbitrap analyses of root exudates in response to N: P imbalances created by the experiments in Iceland.
- Determination of the effects of global change, mostly warming and N fertilization, on soil and plant metabolism.
- Reporting and communication tasks of the project related to his/her working area.

REQUIREMENTS

- PhD Degree in metabolomics.
- Advanced user of statistical software (R software).
- Proven experience of more than 5 years in the study of ecometabolomics.
- Proven experience of more than 5 years in the study of biochemistry of subarctic ecosystems.
- Capacity for teamwork.
- Catalan and English spoken and written correctly.

ASSESSABLE CONDITIONS

- Doctoral degree in global change related subject.
- Previous experience in managing large datasets and meta-analyses.
- Previous experience in the study of peat dynamics and chemistry.
- Knowledge of Spanish and Icelandic languages.

SELECTION PROCES AND CRITERIA

The selection process is led by the research project team, and will be overseen by the Management Office and the Human Resources Area of CREAM. This process consists of:

1. Admission of candidates: **applicants must submit a résumé, a cover letter (maximum 500 words) and the questionnaire attached to the offer (filled), by e-mail to laboral@creaf.uab.cat, until 16 march 2020, 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.



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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.

