

POSTDOC RESEARCHER FOR THE PROJECT *DRESS* (ref. 18-029-28693)

CREAF is seeking to appoint a post-doctoral researcher to work on the Project *DRESS* (*Water use and drought resistance strategies at different scales: from homeostatic mechanisms to regional vegetation dynamics*; ref. CGL2017-89149-C2-1-R, financed by the *Agencia Estatal de Investigación* (AEI) and the European Regional Development Fund (FEDER). This contract is likely to start at the beginning of October 2018, with a duration of 6 months.

TASKS

- You will organise the compilation of global-scale information on leaf-level plant water use efficiency and relevant functional attributes, making use of a library of pre-existing references and other, already existing databases in CREAF.
- You will homogenise and structure the resulting database and structure it with a view to optimise data quality control and subsequent analyses.
- Using the data collected following the protocol outlined above, you will lead the data analysis phase and collaborate in the writing-up of the results in the form of a scientific publication.
- You will coordinate with the members of the group leading the Project, provide guidance to staff and students, collaborating with the team members on other ongoing projects, if and when required.

REQUIREMENTS

- First degree in Biology, Forest Sciences, Environmental Sciences, or equivalent.
- A completed PhD on a topic related to the current project description (water use and drought responses in plants).
- Demonstrable expertise in programming and in using advanced statistical techniques in R.
- Research experience in plant water use efficiency, stable isotopes (e.g., $\delta^{13}\text{C}$, $\delta^{18}\text{O}$, $\delta^{15}\text{N}$) and their responses to environmental stress factors (e.g., drought), as evidenced from prior scientific publications.
- Authorship of relevant publications in high impact journals.
- Knowledge of English.

ASSESSABLE CONDITIONS

- Experience in working alongside and/or coordinating large research groups, preferably if in an international environment.
- Authorship of relevant publications in this field.
- Advanced knowledge of English.

SELECTION PROCESS 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 CREAF. This process consist of:

1. Admission of candidates: **applicants must submit a résumé, a cover letter (maximum 500 words) and the questionnaire attached to the offer, by e-mail to laboral@creaf.uab.cat, until September 21, 2018 at 2:00 p.m., 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.

Centre de Recerca Ecològica i Aplicacions Forestals (CREAF)

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