

JOB OFFER FOR PROJECT MANAGEMENT

The Forest Technology Centre of Catalonia is looking for a project manager at the postdoctoral or advanced technologist level to participate in a multinational project partially funded by the EU through the INTERREG IV-A programme: 'Trans-border network for the assessment and management of water, carbon and energy fluxes under climate change conditions in agricultural and grassland ecosystems in the Pyrenees (FLUXPYR)'.

The institutions involved in the FLUXPYR project are: Forest Technology Centre of Catalonia (CTFC, coordinator); Institut Català de Ciències del Clima (IC³); Institut de Geomàtica (IG); Institut Jaime Almera - Consejo Superior de Investigaciones Científicas (IIA-CSIC); Universitat Politècnica de Catalunya - Escola Universitària d'Enginyeria Tècnica Industrial de Barcelona (UPC-EUETIB); Universidad Pública de Navarra - Escuela Técnica Superior de Ingeniería Agraria (UPNA), from Spain; Centre d'Estudis de la Neu i la Montanya d'Andorra (CENMA), from Andorra; Centre d'Etudes Spatiales de la Biosphère (CESBIO); Laboratoire d'Aérodynamique (LA); Université Toulouse III Paul Sabatier; Centre National de la Recherche Scientifique (CNRS); Centre National des Etudes Spatiales (CNES); Institut de recherche pour le développement (IRD); Météo-France; Ecole Nationale de Formation Agronomique (ENFA); Laboratoire Géographie de l'environnement (GEODE); Université Toulouse II Le Mirail, from France. And through participation in the Advisory Board: Swiss Federal Institute of Technology (ETH-Zurich, Switzerland); CEFE Centre d'Ecologie Fonctionnelle et Evolutive (France); Agence Régionale Pour l'Environnement de Midi-Pyrénées (ARPE, France); and Assemblée Pyrénéenne d'Economie Montagnarde (APEM, France); and IPE Instituto Pirenaico de Ecología (Spain).

The candidate is expected to manage this new research network in the Pyrenees on climate and land use changes including partners from the three Pyrenean countries: Andorra, France and Spain. The FLUXPYR network will use remote sensing techniques, aerial platform imagery and flux measurement techniques (eddy-covariance flux towers, tall towers, flight platforms...) to establish observatories of climate and land use changes in the Pyrenees. FLUXPYR aims at increasing the number of flux infrastructures in the Pyrenees as well as developing predictive land use, productivity, carbon distribution and snow cover maps. The use of these techniques, together with empirical and process-based modelling, as well as assessment of ecosystem patterns and processes, will be used for establishing guidelines for sustainable management of grasslands and other agroecosystems in the Pyrenean region, including the use of fire through the development of controlled burning experiments.

Tasks

- Day-to-day management of the project from the CTFC Centre Tecnològic Forestal de Catalunya in Solsona (Eastern Pyrenees, Catalonia, Spain).
- Integration and synthesis of results, and development of written material from the project, including leaflets, web page contents, dissemination material, reports and scientific publications in international peer-reviewed journals.

- Assistance with the coordination of activities of the eleven partners and nine associated institutions in the FLUXPYR project.
- Management of resources and partner's coordination to set up a network of flux towers in the Pyrenees.
- Coordination of field activities related to the flux towers, associated ecosystem studies and controlled burning experiments in collaboration with involved partners.
- Collaboration with the organization of the project's databases.
- Support in the organization of the project's networking activities, including meetings and workshops.

Requirements

- PhD or previous research experience in any of the involved fields of biogeosciences.
- Familiarity with database construction and modelling.
- Knowledge of remote sensing techniques.
- Experience in team coordination will be considered.
- Familiarity with flux measurement technologies will be considered.
- Driving license.
- Good level of spoken and written English. Knowledge of the three languages in the project (Catalan, French and Spanish), or disposition to learn them, will be valued.

The post is available for 2.5 years, and could be extended depending on additional fund-raising.

Candidates should send a CV, a presentation letter stating interest and why they think are appropriate for the position and 2-3 letters of recommendation or names and contact information of at least two references to the project's coordinator, Prof. M.-Teresa Sebastià, from CTFC-UdL, at teresa.sebastia@ctfc.cat. CTFC is an equal opportunity employer.