

Post-Doctoral offer in silviculture and forest dynamics

Reference: 21-04-00001

The Forest Science and Technology Centre of Catalonia (CTFC), located in Solsona (Pre-Pyrenees, 120 km from Barcelona), Spain, is seeking to appoint a post-doctoral researcher to conduct applied research related to:

- The functioning and dynamics of mixed Mediterranean forests.
- Forest modelling, silvicultural guidelines and multifunctional forest management.

TERMS OF THE APPOINTMENT

- This contract may **start on May-June 2021 (start could be delayed if necessary)**. It is a full-time position with a duration of 2 years (and with the possibility of contract extension).
- The researcher will be based at CTFC in Solsona (NE Spain), as member of the Multifunctional Forest Management Program.
- The candidate will be involved in the European projects H2020 ONEforest and LIFE MixForChange, and in the demonstrative project "Mixed forests for climate change adaptation".
- Gross salary will be commensurate with the qualifications and experience (between 27,000-33.000 €/year).

TASKS

- Lead the analysis of forest data and production of scientific manuscripts and technical reports.
- Contribute to monitor permanent plots established in mixed forests along environmental gradients in different Catalan mountain ranges.
- Set up new experimental designs on adaptive management of Mediterranean forests.
- Participate in the dissemination of results in scientific and technical meetings and knowledge transfer activities.
- Contribute to the development and management of other ongoing projects within the Program.

REQUIREMENTS

- **Master degree in Forestry, Forest Engineering, or equivalent.**
- **A completed PhD on Forest Sciences.**
- Capacity to design experiments, conduct applied research and manage projects on forest dynamics, modelling and silviculture.
- Experience in geographical information management techniques and data base management.
- Proved experience in writing scientific manuscripts.
- Demonstrable expertise in the use of advanced statistical techniques in R.
- Fluent Spanish.
- Fluent English.

ADDITIONAL (ASSESSABLE) QUALIFICATIONS

- Teamwork capability.
- Capacity in knowledge-transfer activities.
- Experience in managing R&D projects.
- Catalan language.

SELECTION PROCESS AND CRITERIA

The selection process is led by the Silviculture and Forest Dynamics Research Teams (Dra. Míriam Piqué and Dr. Lluís Coll), Multifunctional Forest Management Program, and will be overseen by the Management Office and the Human Resources Area of CTFC. This process consists of:

1. **Admission of candidates:** applicants must submit a curriculum vitae and letter of intent addressed to Míriam Piqué miriam.pique@ctfc.es and to dep.personal@ctfc.es, **until 30th April 2021**, indicating the reference code of the offer.
2. Pre-selection: verification of compliance with the minimum requirements of the offer.
3. **Selection (middle-end May 2021):** assessment of the preselected candidates by scoring based on objective criteria and interview.
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 CTFC job openings section.