The Forest Science and Technology Centre of Catalonia (CTFC) is a research centre affiliated with the Generalitat de Catalunya (the Catalan government) and reports to the Ministry responsible for forest issues.

CTFC is a CERCA centre and holds accreditation as a TECNIO agent by the government (developer of public technology).

RESEARCH OPPORTUNITY WITHIN THE REBONIC PROJECT: "Resilience of Mediterranean forests: climatic niche as a modulating agent of the response to disturbances"

Reference: 26-11-00053

The Forest Science and Technology Centre of Catalonia (CTFC) is seeking to appoint a researcher or research technician to work within the REBONIC (Resilience of Mediterranean forests: climatic niche as a modulating agent of the response to disturbances) project on the following topics:

- Developing automated methods to detect and characterise forest disturbances using multispectral time series (Landsat, Sentinel-2, PlanetScope).
- Estimating disturbance severity and validating it with field plot data.
- Deriving forest structural metrics from airborne LiDAR and calibrating spectral indices to monitor post-disturbance structural recovery.
- Generating spectral recovery trajectories and severity and recovery maps, to be integrated with climatic niche analyses within the project.

Located in Solsona (Pre-Pyrenees, Catalonia), CTFC employs approximately 200 staff members, produces more than 140 scientific publications annually, and manages an annual budget of around €12 million. Its research and knowledge transfer activities are structured around four programs: Multifunctional Forest Management, Landscape Dynamics and Planning, Biodiversity Management and Conservation, and Bioeconomy, Health and Governance.
More institutional information is available at: **www.ctfc.cat.**

TERMS OF THE APPOINTMENT

1. Incorporation January 15, 2027. It is a full-time position with a duration of 12 months.
2. Workday: total 37.5 hours per week in flexible hours as established by the CTFC labour agreement.
3. The candidate will be based at CTFC (NE Spain) and will be enrolled as member within the Multifunctional Forest Management Program of the CTFC.
4. The candidate will be involved in the REBONIC project.
5. Good measures that favour the reconciliation between work, family and personal life and gender equality are regulated in the Collective Agreement and the Equal Opportunities Plan of the Forest Science and Technology Centre of Catalonia.
6. The gross salary will be 33,000 per year, plus an additional €5,000 for candidates holding a PhD.

KEY RESPONSABILITIES

The successful candidate is expected to:

1. Contribute to the design and development of the tasks of the project work package.
2. Lead the remote sensing analyses of forest disturbance detection, severity and post-disturbance recovery, and contribute to technical reports and scientific papers.
3. Participate in the dissemination of results in scientific and technical meetings and knowledge transfer activities.
4. Participate in the project meetings.

BASIC REQUIREMENTS

1. Master's Degree in Forest Science, Biology, Environmental Sciences, Geography, Geomatics/Remote Sensing or a related discipline.
2. PhD in Forest Science, Biology, Environmental Sciences, Geography or a related discipline.
3. Demonstrated experience in processing and analysing multispectral satellite imagery (e.g., Landsat, Sentinel-2) and/or airborne LiDAR data to detect, characterize and monitor disturbed forest areas.
4. Computer skills in database management and GIS.
5. Proficiency in R and/or Python for spatial data analysis and statistics.

DESIRABLE REQUIREMENTS

1. Experience with satellite image time series analysis, change detection or machine learning classification methods.
2. Remote sensing cloud computing (i.e. GEE)
3. Previous research experience on forest disturbances and post-disturbance recovery.
4. Experience in writing scientific manuscripts in English.
5. Good oral and written communication skills.
6. Proficiency in Spanish, Catalan and English.
7. Other certified knowledge related to forest disturbances.

SOFT COMPETENCES

1. Team player.
2. Critical thinking and attention to detail.
3. Ability to plan and organize their work independently.
4. Result oriented.
5. Flexibility and adaptation.
6. Initiative and proactivity.
7. Availability to travel.

CONTACT

Centre de Ciència i Tecnologia Forestal de Catalunya
Crta. de St. Llorenç de Morunys, km 2 (direc. Port del Comte) 25280 Solsona
Tel. (+34) 973 48 17 52
E-mail: borsa.treball@ctfc.cat
https://ctfc.cat/
https://ctfc.cat/transparencia.php

SELECTION PROCESS AND CRITERIA

The selection process will be carried out through a two-stage procedure. The first stage will primarily target candidates from the consortium entities, given the nature of the position. The second stage will include the remaining candidates who have correctly submitted their application within the established deadline.

- **Applications:**
  Candidates must submit a **CV and a motivation letter** via www.ctfc.cat/registre.php **by 15 December 2026 at 14:00,** indicating the **reference code of the job offer.** Applications submitted through portals other than the CTFC's own job board will not be accepted, nor will those receive through the SOC that do not follow the instructions specified in the call itself.

The position subject to this call may be declared vacant if the selection committee considers that, despite the existence of candidates who meet the minimum requirements, none is deemed suitable for the position.

The CTFC guarantees an open, transparent, and merit-based selection process (OTM-R) for all registered applications, thus avoiding any bias based on gender, origin, age, ideology, or any other potentially discriminatory circumstances. Inclusion policy: Priority will be given to candidates with a recognized and accredited disability of 33% or higher, provided that the disability is compatible with the proper performance of the position.

Estimated timeline	
15 working days	Publication and dissemination of the job offer: CTFC website, SOC Office, and other communication channels.
Following 2 working days	Pre-selection: verification of compliance with the minimum requirements and assessment of desirable conditions. Informative email sent to non-eligible CVs.
Following 2 working days	Selection committee meeting: interviews with shortlisted eligible candidates. Minutes of the Selection Committee stating the name of the selected candidate and the reasons for the selection. Publication of the resolution on the CTFC job portal identifying the selected candidate. Informative email sent to interviewed eligible candidates who were not selected.
Following 1 working day	Submission to Human Resources of the official documentation required to process the employment contract and coordination of the contract start date.
January 2027 (approximately)	Start of the contract.