

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

CTFC is a CERCA centre and a government accredited TECNIO agent (developer of public technology).

It was granted a 'Human Resources Excellence in Research' award by the European Commission, recognizing CTFC as a European research institution that fosters an attractive and motivating work environment.

POSTDOC in fungal biodiversity & ecosystem services and their anthropogenic and environmental drivers under global change

Reference:25-06-00045

The Forest Science and Technology Centre of Catalonia (CTFC), located in Solsona (Pre-Pyrenees, 120 km from Barcelona), Spain, employs app. 170 staff, produces >120 scientific articles annually and has a turnover of app. 9 Mil. €/year. Further institutional information is available at: www.ctfc.cat/en.

CTFC's research activity is organised around three programs: 1) Multifunctional Forest Management; 2) Landscape Dynamics and Biodiversity; 3) Bioeconomy and Governance. A Project Promotion Office (PPO) gives support to all the researchers and technicians in managing projects. As part of the Landscape Dynamics and Biodiversity program, the CTFC undertakes research on forest growth and yield modelling, ecosystem services provision modelling, innovation in multi-purpose forest planning at different scales targeting different ecosystem services, as well as developing forest simulators and spatial optimization tools.

Within the Global Forest Ecosystem Research Group, the CTFC is seeking to appoint a researcher to conduct fundamental and applied research related to the topic of this job offer.

TERMS OF THE APPOINTMENT

- This contract will start preferably by **September 1st, 2025** (or, if possible, earlier).
- It is a full-time position with a duration of **18 months** (with possibility of contract extension).
- The candidate will be primarily based at CTFC in Solsona (NE Spain) with the possibility to telework following CTFC regulations.
- The candidate will contribute to the development of different projects from different funding sources (governments, foundations, EU, etc.) dealing with **forest ecology and management at multiple scales in a global change context, also including a strong focus on fungal ecology in forest ecosystems**. Namely, the candidate is expected to have strong analytical and writing skills within the framework of forest management and global change-related disturbances in relation to forest biodiversity and different ecosystem services.
- The annual gross salary will be adjusted to the foreseen role and to the specific profile of the selected candidate (qualifications and experience), according to CTFC's salary scale.

TASKS

Key responsibilities will include:

- Proactively contribute to analysing and studying environmental and anthropogenic drivers of biodiversity and ecosystem services in forest ecosystems under global change at multiple scales, with a strong focus (but not limited to) fungal diversity and productivity.

- To quantify above- and belowground diversity and productivity of fungal communities based on different data sources and at different spatial or temporal scales.
- To assess the effects of anthropogenic and environmental drivers on fungal diversity and productivity at different spatial or temporal scales.
- To analyse the phenology of different species and its environmental drivers at multiple scales.
- Frame all this analysis within a global change context by accounting for the impacts of land-use change and climate change on fungal diversity and productivity at different scales.
- To contribute to citizen science campaigns for the monitoring of fungal diversity. This may include the organization of meetings and workshops with relevant stakeholders.
- Support the organization of workshops and meetings and assist in fieldwork campaigns.
- Write scientific articles, technical reports and communications.
- Proactively participate in coordinating and implementing research, innovation and knowledge transfer projects funded by various agencies such as ministries, research agencies and foundations.
- Proactively collaborate and interact with other team members as well as with teams from related organizations and projects.
- Be available to travel nationally and internationally to attend or organize workshops and meetings.
- Participate in and lead the development of successful project proposals from diverse funding sources and agencies within the broad array of topics covered by the research group.
- Engage in any other tasks that may arise from ongoing projects within the research group.

REQUIREMENTS

- A completed PhD degree in Forestry, Forests Sciences, Biology, Environmental Sciences, Geography or a related discipline relevant to the focus of this position.
- Strong data science skills: experience in R and/or Python programming for ecological data analysis, GIS and remote sensing.
- Experience in writing & publishing technical/scientific documents (publication track record).
- Willingness to travel within Spain and internationally according to projects needs.
- Excellent communication skills and ability to engage effectively with stakeholders and experts.
- Experience in spatial and landscape-level analysis of forest biodiversity and ecosystem services.
- Knowledge and experience on environmental DNA (eDNA) analysis will be an asset.
- Proficiency in English, both spoken and written. Proficiency in Spanish will also be an asset.
- Team player. Ability to work in multi-disciplinary teams.
- Strong planning and organizational skills coupled with a high degree of autonomy and proactivity.
- High level of commitment and responsibility towards the professional activity.
- Adaptability and eagerness to tackle new challenges.
- Valid driving license.

CONTACT

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<https://ctfc.en/>
<https://ctfc.cat/transparencia.php>

The CTFC guarantees an open, transparent, and merit-based recruitment process (OTM-R) to all registered candidacies, thereby avoiding any bias related to gender, origin, age, ideology, or other circumstances that could be discriminatory. Integration policy: Candidates who have a recognized disability and accredited equal to or greater than 33%, will be prioritized, provided that the disability is compatible with the proper performance of the job.

SELECTION PROCESS AND CRITERIA

The selection process is led by the Human Resources Area of CTFC and the contracting department. This process consists of:

1. Admission of candidates: applicants must submit a curriculum vitae, motivation letter and, and two completed and signed annex documents found in the offer, enter in www.ctfc.cat/registre.php, until 4th July 2025 at 14:00, indicating the reference code of the offer.

Pre-selection: verification of compliance with the minimum requirements of the offer.

Selection (July 2025): assessment of the preselected candidates by scoring based on objective criteria and interview.

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.

Further information: borsa.treball@ctfc.cat

Indicative Calendar	
15 working days	Publication and dissemination of the job offer: CTFC website, SOC Office and other dissemination channels.
Next 2 working days	<p>Preselection: determination of compliance with the minimum requirements of the offer.</p> <p>Evaluation of the pre-selected candidacies, through a score based on objective criteria, and suitable pre-selected CVs are forwarded to the Selection Committee for review .</p> <p>Sending informative mail to CVs not suitable to continue in the process.</p>
Next 2 working days	<p>Selection committee celebration: Interview with the selected suitable candidates.</p> <p>Selection Committee Minutes with the selected candidate and the reasons for the selection. Publication in the CTFC job board of the resolution identifying the elected person.</p> <p>Sending informational Mail to suitable CVs interviewed not selected.</p>

Next 1 working day	Sending to Human Resources the official documentation necessary to process the employment contract, and coordination with the start date of the contract.
September 2025 (approximately)	Start of the contract.
