

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

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

Specialist Technician in Forest Ecohydrology and River Ecosystem Ecology

Reference: 26-06-00037

The Forest Science and Technology Centre of Catalonia (CTFC) is seeking a specialist technician in forest ecohydrological modelling, ecology, and the assessment of ecosystem services in river systems, as well as analysis of hydrological and forest data, to join the Forests and Water research group. The selected candidate will mainly work within the framework of several research projects (REACTION, Aigua Blava, and others) and agreements with public administrations related to catchment hydrology, river ecosystems, and forest management. This position offers the opportunity to develop professionally in the field of research and to orient one's career towards a PhD in ecohydrology or related disciplines.

The Forest Science and Technology Centre of Catalonia (CTFC), located in Solsona (Pre-Pyrenees, 120 km from Barcelona), Spain, employs app. 200 staff, produces more than 120 scientific articles annually, and has a turnover of around 12 Mil. €/year. The CTFC's research activity is organized into four programs: Multifunctional Forest Management, Landscape Dynamics and Planning, Biodiversity Management and Conservation, and Bioeconomy, Health, and Governance. Further institutional information is available at: www.ctfc.cat/en.

TERMS OF THE APPOINTMENT

1. Start date: October–November 2026.
2. Contract type: scientific-technical activities contract (1 year), with the possibility of continuation linked to the development of a doctoral thesis.
3. Working hours: full-time, 37.5 hours per week, with teleworking options in accordance with institutional regulations (max. 20 hours/week).
4. Workplace: CTFC (Solsona) and fieldwork throughout Catalonia.
5. Professional category: Specialist Technician Support N2. The gross annual salary will depend on the responsibilities and the specific profile of the selected candidate (qualifications and experience), according to CTFC's salary scale.

KEY RESPONSABILITIES

1. Modelling of forest dynamics and ecohydrological processes.
2. Calculation and evaluation of ecosystem service provision in forest and river ecosystems.
3. Optimization of ecosystem services for landscape planning.
4. Analysis and interpretation of ecological and hydrological data from modelling and participatory processes.
5. Writing scientific articles related to forest ecohydrology and river ecosystem ecology.
6. Support in the preparation of research project proposals and doctoral grants.

MANDATORY REQUIREMENTS

1. Bachelor's or master's degree in forestry engineering, Biology, Environmental Sciences, or related disciplines.
2. Knowledge of forest ecohydrology and river ecosystem ecology.
3. Skills in programming and the use of forest and ecohydrological modelling techniques.
4. Experience or knowledge of specific modelling tools (RHESSys and/or MEDFATE).
5. Knowledge of optimization and landscape analysis tools.
6. Experience in analysing ecological, hydrological, and socio-economic data from modelling, fieldwork, and participatory processes.
7. Experience in GIS and spatial data analysis.
8. Advanced level of English and proficiency in Spanish (both spoken and written).
9. Ability to work in multidisciplinary teams.

DESIRABLE REQUIREMENTS

1. Experience in scientific research and publication in high-impact journals.
2. Experience in national or international research projects, including European projects.
3. Interest in pursuing a PhD in ecohydrology, river ecology, or related disciplines.
4. Dissemination of work at scientific conferences and/or technical workshops.
5. Basic knowledge of participatory process design and decision-support tools.
6. Experience in hydrological or forest fieldwork (inventories and instrumentation).
7. Strong communication skills and ability to interact with stakeholders in the field.
8. Knowledge of Catalan (spoken and written).
9. Driving license and experience driving 4x4 vehicles.

SOFT COMPETENCES

1. Organizational and planning skills.
2. Communication and interpersonal skills (internal and external).
3. Responsibility and high level of commitment.
4. Initiative and proactivity.

CONTACT

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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 07 July 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 received 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.
October-November 2026 (approximately)	Start of the contract.