

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

## Doctoral researcher in silviculture and forest dynamics

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**Reference:** 23-05-00008

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

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

### TERMS OF THE APPOINTMENT

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1. This contract may start on July 2023. It is a fulltime permanent position.
2. The researcher will be based at CTFC in Solsona (NE Spain), as member of the Multifunctional Forest Management Program.
3. The candidate will be involved in different competitive and non-competitive projects (at European, national and regional scales).
4. Professional category: specialist researcher N2.
5. Salary: according to the candidate skills and expertise.

### KEY RESPONSIBILITIES

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1. To lead analyses of forest data and the production of scientific publications and technical reports.
2. To fit new models on tree growth and non-wood forest products (cork, mushrooms, etc) which will be implemented into the FORMES projection system (for multi-objective forest planning in Spain).
3. To contribute to monitoring permanent plots established in mixed and pure forests along environmental gradients in different Catalan mountain ranges.
4. To set up new experimental designs on adaptive management of Mediterranean forests.
5. To participate in the dissemination of results in scientific and technical meetings and knowledge transfer activities.
6. To lead the presentation of competitive and non-competitive projects and to contribute to the development and management of other ongoing projects within the Program.

### BASIC REQUIREMENTS

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1. Master's degree in forestry or forest engineering.
2. A completed PhD on Forest Sciences.
3. Capacity to design experiments, conduct applied research and manage projects on forest dynamics, modelling and silviculture.
4. Experience in managing R&D projects.
5. Proved experience in writing scientific manuscripts.



6. Demonstrable expertise in the use of advanced statistical techniques in R. Capacity to fit advanced models on forest growth and the production of non-wood forest products.
7. Experience in geographical information management techniques and data base management.
8. Fluent Spanish & English.

### DESIRABLE REQUIREMENTS

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1. Experience on adaptive silviculture, close to nature forest management and non-wood forest products will be valued.
2. Willingness to join to the CTFC team as soon as possible.
3. Flexible person, responsible, problema-solver and organized person.
4. Teamwork capability.
5. Capacity in knowledge-transfer activities.
6. Catalan language.

### SOFT COMPETENCES

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1. Team player.
2. Strong communication skills.
3. Critical thinking and attention to detail.
4. Ability to plan and organize.
5. Result oriented.
6. Flexibility and adaptation.
7. Initiative and pro activity.
8. Availability to travel.

### CONTACT

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**CTFC guarantees an open, transparent, and merit-based recruitment process (OTM-R) to all registered candidacies avoiding thus any bias on gender, origin, age, ideology, or other circumstances that could be discriminatory.**

**Integration policy:** reservation of a place for staff with a certificate of recognized disability.

### SELECTION PROCESS AND CRITERIA

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

1. **Admission of candidates:** applicants must submit a curriculum vitae and motivation letter addressed to [borsa.treball@ctfc.cat](mailto:borsa.treball@ctfc.cat), until **20<sup>th</sup> June 2023 at 14:00**, indicating the reference code of the offer.
2. **Pre-selection:** verification of compliance with the minimum requirements of the offer.



3. **Selection (from June 21<sup>th</sup> to June 30<sup>th</sup> 2023):** 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.

Further information: [borsa.treball@ctfc.cat](mailto:borsa.treball@ctfc.cat)