

## Post-Doctoral offer in SOM dynamics

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**Referencia:** 21-04-00004

The Forest Science and Technology Centre of Catalonia (CTFC), located in Solsona (Pre-Pyrenees, 120 km from Barcelona), Spain, is looking for a motivated postdoctoral researcher. The person will join the international consortium of the H2020 project "Holisoils" that explores the effects of forest management on ecosystem processes such as greenhouse gas fluxes, C storage and biodiversity preservation. The person will conduct applied research related to the effects of forest management on soil functioning and dynamics of soil organic matter in black pine forests.

### TERMS OF THE APPOINTMENT

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1. This contract starts on June 1st, 2021. It is a fulltime position with a duration of 12 months.
2. The researcher will be based at CTFC in Solsona (NE Spain), as member of the Multifunctional Forest Management Program.
3. Gross salary will be commensurate with the qualifications and experience (between 27,600 - 30,000 €/year).

### TASKS

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1. Contribute to monitor CO<sub>2</sub> effluxes in permanent plots established in stands with different forest treatments.
2. Set up new experimental designs to assess the effects of forest management on SOM.
3. Participate in the dissemination of results in scientific and technical meetings and knowledge transfer activities.
4. Contribute to the development and management of other ongoing projects within the Program.

### REQUIREMENTS

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1. PhD degree in soil science
2. Experience in laboratory and field studies in SOM dynamics.
3. First-authored papers in high-ranking IF journals in soil science.
4. Previous experience in research projects focusing on soils.
5. Excellence in English communication skills.
6. Fluent Spanish and Catalan language represent an advantage.

### SELECTION PROCESS AND CRITERIA

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The selection process is led by Dr. Pere Casals and Dr. Pere Rovira, 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 [dep.personal@ctfc.es](mailto:dep.personal@ctfc.es), until Mai 10th, 2021, indicating the reference code of the offer.



2. Pre-selection: verification of compliance with the minimum requirements of the offer.
3. Selection (mid 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 opening section.