

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).

TECHNICIAN IN MODELING FOR THE MANAGEMENT OF GAME SPECIES

Reference: 26-06-00035

The Conservation Biology Group of the Forest Science and Technology Centre of Catalonia (CTFC) seeks to recruit technical staff with experience in advanced statistical analysis, population trend analysis, and the analysis of spatial and temporal monitoring data, within the framework of the PLAN-CAZA project: Development of a planning and optimization tool for the allocation of hunting quotas for migratory species, funded by FECYT.

The project aims to develop a methodological framework for planning and optimization for the management of declining migratory game species, with special attention to the European turtle dove (*Streptopelia turtur*). Its development will be carried out in coordination with various administrations, research centers, and organizations involved in the management, monitoring, and conservation of the species, including the Ministry of Agriculture, Fisheries and Food (MAPA), Regional Government of Castilla–La Mancha, the Government of Catalonia, and other scientific and management bodies at national and regional levels.

The position is aimed at individuals with experience in statistical analysis, a strong background in R programming, motivation for biodiversity management and conservation, and an interest in evidence-based management.

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: September 2026.
2. Indefinite-term scientific-technical employment contract.
3. Contract duration: 20 months (until May 2028).
4. Working hours: Full-time, 37.5 hours per week, schedule to be agreed.
5. Workplace: Solsona (Solsonès), with the possibility of remote work according to agreement.
6. Professional category: Level N2, in accordance with CTFC regulations and current salary scales.
7. Salary: According to the candidate's profile.

KEY RESPONSABILITIES

1. Collection, review, cleaning, and harmonization of ecological, game-related, and social data relevant for the management of migratory game species.
2. Implementation and validation of mathematical optimization models for planning the allocation of hunting quotas.
3. Statistical analysis of bird population trends and evaluation of indicators of abundance, distribution, and temporal change.
4. Analysis of monitoring data, space use, and movement patterns of birds.
5. Programming and automation of reproducible workflows in R for data analysis, modelling, and result generation.
6. Preparation of technical reports, methodological documentation, visualizations, and supporting materials for knowledge transfer.
7. Participation in project coordination meetings, interaction with partner organizations, and support for dissemination and knowledge transfer activities.

MANDATORY REQUIREMENTS

1. University degree in biology, environmental sciences, forestry, statistics, mathematics, data science, or related fields.
2. Master's degree in ecology, conservation, statistics, modelling, data science, operations research, or related disciplines.
3. Proven advanced knowledge of statistical methods and analysis.
4. Advanced proficiency in R.
5. Experience using Geographic Information Systems (GIS) such as QGIS, MiraMon, or similar.
6. Immediate availability to start at the workplace.
7. Knowledge of Spanish and English.

DESIRABLE REQUIREMENTS

1. Knowledge of population modelling, population trend analysis, or ecological data analysis.
2. Previous experience in spatial planning.
3. Knowledge of the management and conservation of game species.
4. Experience in writing technical reports, scientific publications, or knowledge transfer materials.

SOFT COMPETENCES

1. Planning and organizational skills.
2. Ability to work as part of a team.
3. Responsible individual with a high level of commitment.
4. Initiative and proactivity.
5. Flexibility and adaptability.

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 06 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.
September 2026 (approximately)	Start of the contract.