



PHD ON FOREST MANAGEMENT AND BIODIVERSITY CONSERVATION

FOREST SCIENCE AND TECHNOLOGY CENTER OF CATALONIA (CTFC)

*BIODIVERSITY AND ANIMAL CONSERVATION GROUP (GBIC-CTFC)
SUSTAINABLE FOREST MANAGEMENT GROUP (AGS-CTFC)*

We are looking for a candidate to apply for a FI-AGAUR 2023 PhD grant within the Conservation Biology group (GBiC) and the Sustainable Forest Management group (AGS) at the Forest Science and Technology Centre of Catalonia (Solsona, Spain).

Applicants must have a good academic record in Biology, Ecology, Forest Engineering or similar, as candidates to apply for a public scholarship in Catalonia, to carry out a PhD Thesis on the relationship between forest management, forest structure and biodiversity indicators. The research will focus on exploring the response of direct forest biodiversity indicators, as birds, bats, etc., and indirect forest biodiversity indicators as death wood, microhabitats, etc., in different forest types and structures (managed and not managed Mediterranean and Alpine forests) at different spatial and temporal scales. The objectives are to understand and evaluate the effect of forest management practices, the monitoring surveys applied and the effectiveness of conservation measures.

GBiC and AGS possess a large data set from monitoring and experimental field data on different animal taxa (e.g., birds, bats), habitats, forest structure, environmental changes, biodiversity indicators, forest management and conservation measures in different forests of Catalonia (NE Spain). The candidate will also have the possibility to carry out fieldwork and collect data related with the PhD subject within the frame of GBiC and AGS current projects.

Candidates:

- The holder of the grant will be expected to complete a PhD degree in a doctoral Programme during her/his grant tenure (3 years + 1 potential extra year).
- The PhD will be developed under the supervision of Dr. Jordi Camprodon and Dr. Míriam Piqué and based in Solsona (Catalonia, Spain).
- Candidates must have the equivalents of a Bachelor's degree and official Master's degree in Biology, Ecology, Forest engineering, or similar disciplines, both with high qualifications.
- Following criteria will be also evaluated:
 - o Knowledge on data management and statistical modelling
 - o Previous SCI and non-SCI publications
 - o Communications in congresses and meetings
 - o Stages in national and international research centres
 - o Good English level
 - o Good scientific writing skills

Contact: Please, send a **motivation letter along with the CV and the academic record** (Bachelor and Master) to jordi.camprodon@ctfc.cat and miriam.pique@ctfc.cat

Though the official call will **open in October 2022**, the deadline for submitting applications is expected to be around the current month (October). The candidates should fulfil the requirements of the call.