

Job Description: Estación Biológica de Doñana (EBD)

Role: Research Assistant

Duration: 3 months

Website: www.ebd.csic.es

Location:

Estación Biológica de
Doñana CSIC (EBD)
C/ Américo Vespucio, s/n,
41092, Isla de la Cartuja,
Sevilla

Company Description:

Doñana Biological Station is a public research institute belonging to the Consejo Superior de Investigaciones Científicas, CSIC, within the area of Natural Resources. Our primary mission is to carry out multidisciplinary research at the highest level, directed at understanding, from an evolutionary point of view, how biodiversity is generated, how it is maintained and damaged, in addition to the consequences of its loss and the chances of their preservation and restoration.

Furthermore, it also promotes the transfer of scientific knowledge to society. The institute consists of a main building in Seville, which has an innovative Stable Isotope Laboratory (LIE) and two field stations, the ICTS Doñana Biological Reserve, (Doñana Natural Area, Almonte, Huelva) and Roblehondo Field Station (Parque Natural de las Sierras de Cazorla, Segura and Las Villas).

Role Description:

The main goal of KESTRELS-MOVE is to compare the movement ecology of two sympatric kestrels: a generalist falcon (Common kestrel - *Falco tinnunculus*) and a specialist falcon (Lesser kestrel - *Falco naumanni*). Besides, we want to elucidate if there is any degree of individual specialization in their movement patterns (foraging grounds and space use, hunting strategies, etc.).

Both species breed sympatrically in the south of the Iberian Peninsula, being Doñana National Park one of the study areas. For the study, breeding pairs are tagged with high temporal and spatial resolution biologgers, such as GPS tracking devices, accelerometers, and heart-rate loggers.

Tasks to be performed:

Below is a list of the main tasks to be performed during the Erasmus stay. It is not obligatory to perform all the tasks proposed. It's only a reference guide of the pending subjects related to the project that could be accomplished.

- Fieldwork duties:

- Assistance when handling falcons and setting trapping methods (mist nets, bal-chatri traps, clap-net traps, etc.).
- Deployment of camera traps and pellet collection.
- Office duties: analysis of camera trap videos.

Required Applicant Profile:

EBD are seeking graduates in animal behaviour, biology, botany, ecology, zoology or related fields to carry out a 13-week internship at their research institute in Seville, Spain. Participants will be encouraged to attend weekly seminars hosted by the institute. Spanish language skills are not necessary but would be an asset.