

Position Offered: POSTDOCTORAL RESEARCHER

Project: *Adaptive wildlife management in the digital age: advances in data collection, processing and dissemination*

Technological and scientific fields: artificial intelligence, cloud computing, advanced data analytics, data analysis and integration, image analysis and computer vision, digital tools

Location: Ciudad Real, Castilla-La Mancha, IREC, ww.irec.es

Research Group/PI: Health and Biotechnology, Pelayo Acevedo Lavandera, <https://www.irec.es/investigacion/grupos-de-investigacion/sanidad-y-biotecnologia-sabio/>

PROJECT SUMMARY

In this era of rapid technological advances, the application of digitisation to wildlife management is crucial for sustainable development and the preservation of biodiversity. Using digital tools and new analytical approaches, ecosystems and wildlife populations can be monitored, and resource use can be optimised. This project aims to integrate digital tools and analytical techniques for the collection, processing and dissemination of data useful for adaptive wildlife management. Specifically, it aims to: i) inventory, assess and improve the availability of wildlife data sources; ii) optimise the performance of devices for monitoring; and iii) parameterize models on wildlife population dynamics. The integration of all the objectives towards the search for robust solutions will enhance the scope of the project's results and its capacity to interfere in wildlife management programmes.

PROFESSIONAL PROFILE

Minimum requirements:

A postdoctoral researcher with experience in ecology and management of wildlife, in general, and ungulates and lagomorphs, in particular, is required. Requirements: i) PhD in Biological Sciences or related; Spanish and English [B2 or higher]; leadership skills: supervision of researchers and PI of projects; participation in international consortia on wildlife management; and active participation in projects on digital tools for wildlife management.

Merits to be considered:

Merits to be considered: experience in projects on wildlife management in Europe; scientific publications on wildlife management; experience in transfer, training and dissemination; capacity to undertake new lines of research; experience in advanced statistical analysis; capacity to develop and implement technological tools for wildlife monitoring; active participation in consortiums and networks on wildlife management.

WHAT IS OFFERED

The project offers a unique opportunity to consolidate as a researcher in wildlife management. The digital skills that the person hired will acquire, guaranteed by the research team and the training programme, will define a researcher's profile that is still scarce in Europe, but highly demanded given the existing management needs. The research team offers personal means and resources to achieve the objectives of the project. The network of collaborators of the research team represents a further strength for a project like this, facilitating access to information and the carrying out of research stays.

Contract conditions:

Indefinite contract for a Postdoctoral Researcher associated to the Momentum Project of 4 years' duration according to Spanish science law. Gross annual salary (41.000 € - 52.000 €).

Start of contract: before 31 December 2024

PRINCIPAL INVESTIGATOR CONTACT

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