



Job offer for researchers, research technicians or research support officers under Chapter 6 allocation

Job offer

Title

5/2023 - Creation of a fisheries data visualisation tool from deep learning data.

Main researcher

Name: Ignacio Alberto

Last name 1: Catalan

Last name 2: Alemany

Department: Mediterranean Institute for Advanced Studies (IMEDEA)

Contract details

Job description

The successful candidate will take part in the following tasks within the framework of a project for the digitalisation of the fishing sector:

- Creating a user-friendly interface enabling access to fish market data obtained by applying deep learning techniques to the images received at IMEDEA
- Automating regular newsletter production based on fish market data and website publication
- Creating protocols to produce annotations for deep learning and format conversion.

Category: R1 - Graduate / Engineer / Architect

Qualification: Master's degree or equivalent

Field of research: Engineering

Subarea of research: Computer Engineering

Contract type details

Type of contract: Permanent

Full/Part-time: Full-time

Hours per week: 37,5

Work schedule: 9:00-17:00

Application submission deadline

From Wednesday, January 25, 2023 until Tuesday, February 07, 2023

Planned start date: Wednesday, March 15, 2023

Planned end date of the tasks subject to the contract: Saturday, September 30, 2023



Research project / Agreement

Type of activity: Project

Funding body: Ministerio Agricultura, Pesca y Alimentación

Call: Subvencions a agrupacions d'entitats que portin a terme projectes en matèria de creixement blau en el sector pesquer i de l'aqüicultura

Programme: Subvencions a agrupacions d'entitats que portin a terme projectes en matèria de creixement blau en el sector pesquer i de l'aqüicultura

Reference number / Official code: -

Number of positions available: 1

Candidate requirements

Skills/Qualifications

Degree in Informatics Engineering

Specific requirements

Master's in Intelligent Systems or Artificial Intelligence.

Language requirements

-

Experience required: -

Prior experience

Work experience is not required, but preference will be given to candidates who have acquired experience in the application of deep learning to fish detection/classification through courses, grants, articles and participation in projects.

Additional information

Monthly salary and benefits: 2.063,19 €

Selection process

In accordance with article 8 of the REGULATORY AGREEMENT 145140 of 15th June 2022 that approves the regulation governing the recruitment of research staff under chapter 6 allocation of the university budget, as well as technical or operational research staff.

Eligibility criteria:

- Curricular merits in the field (max. 40 points).
- Qualifications in the specialist area (max. 20 points), other (max. 5 points).
- Video curriculum and, if applicable, personal interview (max. 20 points).
- Experience in the field (max. 15 points). E.g.: > 3 years (10 points), < 3 years (5 points).
- Other merits (max. +5 points). E.g.: recommendation letters.

Eligibility threshold: 60 points.



Selection comitee

- i. The relevant Pro-Vice-Chancellor for research (or delegated representative) as chair.
- ii. The supervisor (or delegated representative).
- iii. The members of the Research Area Assessment Committee (CARAI).
- iv. One or more expert members in the topic pertaining to the recruitment and chosen by the chair of the committee, where applicable.
- v. The head of FORHU (or delegated representative), as secretary, who may speak but not vote.

Additional comments

Work experience is not required but shall be taken into consideration.

Project title Digitization and valorization of fishing in the Spanish Mediterranean (DIGIPESCA), financed by the Ministry of Agriculture, Fisheries and Food within the framework of Subsidies to groups of entities that carry out projects on blue growth in the fishing sector and aquaculture subsidized by the Recovery, Transformation and Resilience Plan