

JOB OFFER: IMAGE ANALIST

CONTEXT: The small-scale fishing fleet from the Balearic Islands targets multi-species and uses mixed methods or métiers. In those cases, adaptive co-management is a sound management strategy, by which local authorities and fishers work together, with the advice of researchers and NGOs, to decide and later to establish the most effective, sustainable, and productive management strategy.

Effective adaptive co-management needs a user-friendly, data-driven and operative decision platform. The FOTOPEIX project is aimed to provide such data for the specific case of the common dolphinfish *Coryphaena hippurus* fishery. Provided that fish prize is size-dependent, the goal is to use an image of all the fish boxes landed every day in Mallorca for automatic extraction of fish size.

GROUP: The fish ecology lab at IMEDEA (<http://www.fishecology.es/>) is a dynamic leading research group. IMEDEA (<http://imedea.uib-csic.es/>) is a multidisciplinary research institute located at a lovely village in Mallorca.

POST: We are offering a 12 months contract for 1) developing a protocol for managing the images (hundreds of images will be received daily at IMEDEA), 2) developing an algorithm for automatic size-extraction, 3) validating the performance of the algorithm and 4) producing a user-friendly interface. Salary for a post-graduate level will be around 28k euros gross per year. Expected starting date at the beginning 2018.

REQUISITES: Graduate in any appropriate discipline. Good knowledge (=demonstrable experience) with Python-opencv.

APPLICATION: a short cv and a motivation letter must be send to Miquel Palmer (palmer@imedea.uib-csic.es) before 15 November 2017.