Project

ASSESSMENT OF APPLICABILITY OF AN ACOUSTIC TELEMETRY SYSTEM TO THE MANAGEMENT OF THE BAY OF PALMA MARINE RESERVE



Axıs Bloc 1.1 Thematic area **Disciplinary research**

Environment

Water quality end public safety in the coastal zone

Summary

The establishment of a marine reserve in the Bay of Palma aims to encourage two distinct processes. On the one hand, it is hoped that there will be a net flow of organisms from the reserve to surrounding areas, something that would mean an increase in biomass density. On the other hand, the marine reserve will promote the maintenance of a 'pool' of producing organisms with a low probability of getting caught, ensuring thus the production of a sufficient number of eggs, larvae and young at an overall level, not only within the reserve but also in the surrounding area.

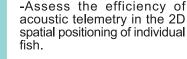
Actions





de les Illes Balears

Conselleria d'Economia,
Hisenda i Innovació
Direcció General de Recerca,
Desenvolupament Tecnològic i Innovació



-Determine the usual level of movement of two coastal fish (Scorpaena porcus and Serranus scriba).

-Assess whether the data generated through this method are adequate to estimate the net flow of individuals from the reserve to the surrounding area.



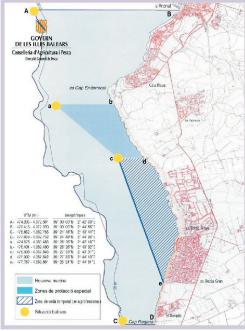
Operation to locate transmitter



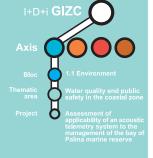
Scorpaena porcus (species subject to commercial fishing)



Serranus scriba (species subject to recreational fishing)



Bay of Palma marine reserve and surrounding area



Principal Investigator

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Aplications

Research

This project will contribute vital data for the development of research in IMEDEA's Ichthyologic Laboratory, as well as research in other institutions.

Administration

The Area of Fisheries of the Balearic Government, responsible for managing the Bay o Palma marine reserve, will be one of the main beneficiaries of the results of this project.

Contact

Co-principal investigators

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