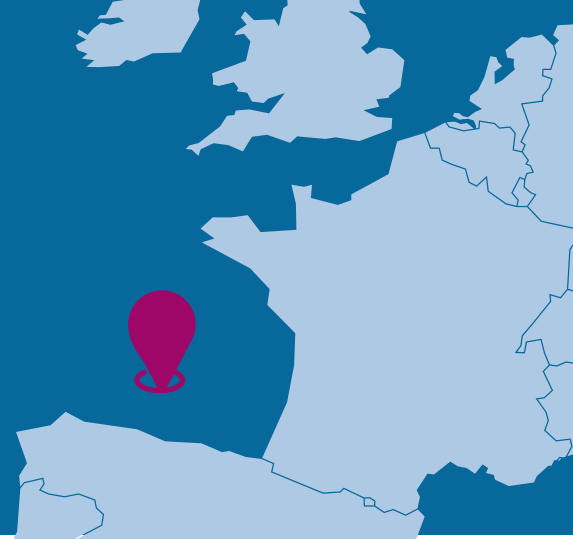


Case Study

Bay of Biscay

Spanish National Research Council, The Arctic University of Norway, International Council for the Exploration of the Sea



Overview



Hake, megrim, blue whiting, horse mackerel, anglerfish, catshark, boarfish



Demersal trawlers

The Bay of Biscay lies between Spain and France and supports an important and diverse fishing sector. The region is known for its rich marine biodiversity and productive waters. Its bottom trawl fleet targets valuable demersal species such as hake, megrim, blue whiting and horse mackerel, which play a key role in the regional economy.

Challenges



High environmental variability and warming that affect stock dynamics



Substantial discard rates in bottom trawl fisheries



Fragmented and low-resolution fisheries data



Increasing abundance of non-commercial species



Did you know?

Discards in some Bay of Biscay bottom trawl fisheries can reach up to 78% of total catch



Our solutions



AI-assisted decision-support tool with dynamic heat maps



Valorisation of catshark and boarfish



Climate scenarios and adaptation measures for hake



Ecosystem impact assessment using size spectra model



Contribution to Galician Climate & Energy Strategy



Climate-informed ecosystem advice prototypes



About MeCCAM:

The MeCCAM project aims to develop and implement effective climate mitigation and adaptation solutions that strengthens the resilience and sustainability of the European fisheries sector.



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