



Global Fisheries Atlas

The Virtual Lab “Global Fisheries Atlas” mission is to provide a more **comprehensive view of global fisheries** to support informed decision-making and management of fisheries resources. The main pillars of the VLab are (a) the **Fisheries Atlas** and (b) the **Global Record of Stocks and Fisheries**.

Partners Involved



Data Sources

FIRMS (RFMOs), FishSource (Sustainable Fisheries Partnership), RAM, and FAO SDG14-4-1 Questionnaire.

Main Target Users

Fisheries management agencies, Marine Researchers, and the general public.

Services Introduction

The VLab offers a suite of tools and services to help users generate, browse and analyse (and interpret) data and knowledge. These tools include an integrated development environment (RStudio IDE), interactive maps and charts, as well as advanced data analysis and modeling capabilities. Some key datasets and code are made openly accessible (on Zenodo) to enable reproducible research.

UN SDGs addressed



SERVICES

Resources Catalog

The Resources Catalog enables the retrieval, grouping, and visualisation of datasets and records (i.e. fisheries records).

Triplestore

The Triplestore enables access over the contents of semantic web knowledge bases (i.e. GRSF knowledge base) using W3C standards (i.e. through a SPARQL endpoint).

Atlas

The Atlas enables the viewers to display and explore information as map layers.



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Our objective is to make fisheries data and code open for people to understand the status of the fish stocks worldwide. As a result, we raise awareness to manage resources more sustainably.

**Access the
VLab Here!**

