

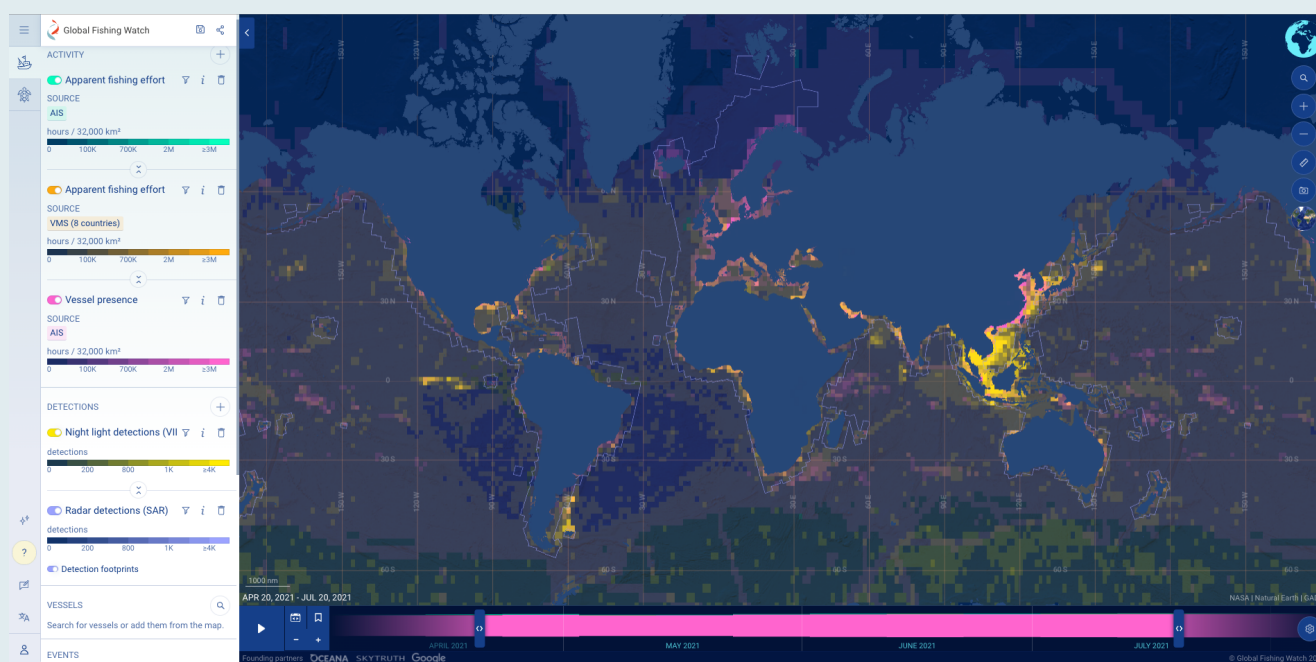
Global Fishing Watch Products, Tools and Data

Our Map

Illegal, unregulated or unreported fishing ▾ Dynamic fishing activity and analysis ▾

The Global Fishing Watch map is the first open-access online tool for visualization and analysis of vessel-based human activity at sea. Powered by satellite technology and machine learning, the map merges multiple types of vessel tracking data to provide a view of global human activity at sea, including fishing activity, encounters between vessels, night light vessel detection and vessel presence. Anyone with an internet connection can access the map to monitor global fishing activity from 2012 to the present from more than 65,000 commercial fishing vessels that are responsible for a significant part of global seafood catch. Users can search for vessels, filter activity by flag State and time range, identify port visits and view encounters between vessels. The map also allows anyone to upload and overlay their own data, download reports of activity from custom areas, and save and share workspaces. Free and easy-to-use features offer unprecedented opportunities to increase transparency across the world's ocean and support the fair and sustainable use of marine resources.

[Visit the Global Fishing Watch map](#) | [Watch the Global Fishing Watch introduction video](#)

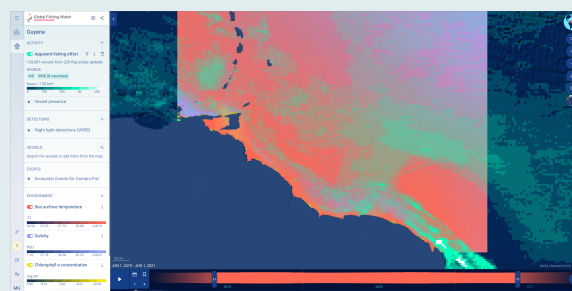


Dynamic global apparent fishing effort, vessel activity and satellite detections portrayed on the Global Fishing Watch map

Marine Manager Portal

Marine protected areas ▾ MPA management ▾
Environmental data ▾

Global Fishing Watch Marine Manager is a freely available, innovative technology portal, founded by Dona Bertarelli. It provides near real-time, dynamic, and interactive data on ocean conditions, biology, and human-use activity to support marine spatial planning, marine protected area design and management, and scientific research.



Environmental data in the marine manager portal

[Visit Global Fishing Watch marine manager portal](#) | [Watch the marine manager portal introduction video](#)

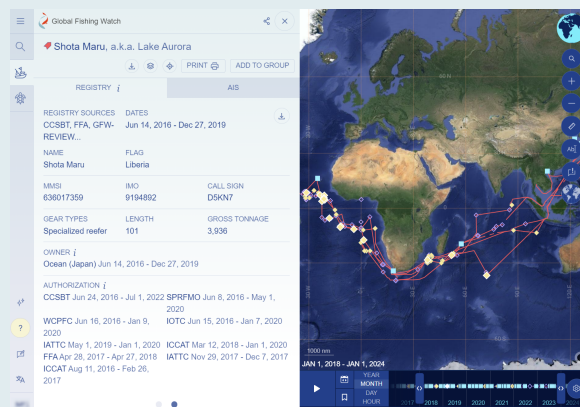
Vessel Viewer

Detailed vessel information ▾

Activity summaries ▾

Global Fishing Watch and TMT are collaborating to enhance fishing vessel monitoring and support States in implementing effective port controls. To arm relevant authorities with the information needed to assess a vessel's compliance risk and verify its port visits, fishing and transshipment activities, the organizations have developed a vessel history and insights tool called Vessel Viewer. The tool consolidates data from various public sources into an easy-to-use format. It highlights relevant and absent information about a vessel's identity and activity, to help inform inspection priorities. The tool can be used across diverse sectors, aid wider analysis of vessel operations, and assess overall risk related to illegal, unreported and unregulated fishing and compliance with international regulations.

[Visit the Global Fishing Watch and TMT Vessel Viewer](#) | [Watch the Vessel Viewer introduction video](#)



Vessel Viewer showing vessel profile through public registries against self-reported AIS records, and vessel activity insights.

API Portal

Software development ▾

Dynamic research ▾

Global Fishing Watch has developed an application programming interface (API) portal that synthesizes multiple streams of information for noncommercial users to easily explore, visualize and freely use our data and technology. By openly publishing our APIs, we aim to transform global collaboration and catalyze solutions to the ocean's most complex problems.

[Visit the Global Fishing Watch API portal](#) | [R package](#) | [Python package](#)

Data and Code Download

Scientific research ▾

Download static Global Fishing Watch datasets and code for scientific research, updated annually.

[Visit the datasets and code download portal >](#)