



Food and Agriculture
Organization of the
United Nations

Committee on Fisheries 33rd Session

Rome, 9–13 July 2018

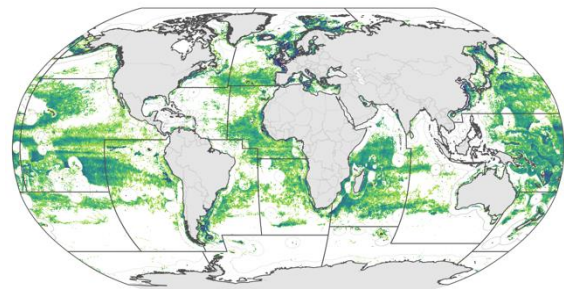
Side event

FAO Atlas of AIS-based Fishing Footprint and Effort – Preliminary findings

Friday, 13 July 2018 – 12:45-14:15

IRAN ROOM (B116)

AIS (Automatic Identification System) offers the ability to create a global, high-resolution map of fishing effort. The FAO, in coordination with AZTI, Seychelles Fishing Authority, and Global Fishing Watch is producing an Atlas of AIS-based fishing effort to take advantage of this unique dataset to create a more detailed understanding of fishing effort, fill in gaps in knowledge, and validate existing datasets. The Atlas describes the strengths and limitations of measuring fishing effort from AIS in each FAO region. It compares fishing effort calculated through AIS algorithms with those of VMS and logbooks and it offers advice over how to interpret AIS-derived fishing effort.



Fishing Effort by Vessels with AIS in 2017

This side event will be an opportunity for the COFI Member States and all other interested parties to hear about the prospects of AIS and the preliminary findings in the development of the AIS-based Atlas. The discussion will focus on the extent to which these data and information can supplement other fisheries data, and the use of AIS based methods for monitoring and analysis for RFMOs, nations, researchers, and NGOs.

We will also discuss useful applications of effort reconstruction based on AIS and VMS data, including spatial planning, fishing rights and socio-economic indicators, fishing emission and other environmental footprints reduction, sustainable fishing certifications, improving stock assessments, fishing at maximum sustainable yield (MSY), and ecosystem-based approaches.



Global Fishing Watch



Transforming
Science into
Business



Friday 13 July

12:45-12:50	Welcome and introduction Manuel Barange (FAO)
12:50-13:00	FAO AIS Atlas publications Overview Marc Taconet (FAO)
13:00-13:10	GFW AIS Technology, Data, and Processing Analysis David Kroodsma (GFW)
13:10-13:20	Comparison of fishing effort estimated with AIS Bay of Biscay case study and Potential applications Jose A. Fernandes (AZTI)
13:20-13:30	Seychelles Fishing Authority Potential Application and methodology Emmanuel Chassot, Anne-Elise Nieblas (SFA)
13:30-13:40	Quick view of the 2017 Atlas by Region (Multiple presenters)
13:40-14:15	Panel discussion (including) Elena Ojea, Maurizio Gibin, Alejandro Anganuzzi, Tony Long

Twitter: COFI33#AIS-ATLAS

The event will be webcast:

<http://www.fao.org/webcast/home/en/item/4791/icode/>

FAO News Flickr Collection:

<https://www.flickr.com/photos/faonews/collections/72157696801343351/>

Webcast



Flickr Photos

