

FVON UPDATES ●

JULY 2025



PROJECT SPOTLIGHTS

IMOS FISHSOOP ●

IMOS FishSOOP has instrumented an additional six vessels in Fiji as well as further vessels in the Northern Territory, Western Australia, and New South Wales. Check out the [new article](#) that features FVON, published in the [last SPC newsletter](#).

Photo: Prof. Moninya Roughan and Stella Caon from IMOS FishSOOP/UNSW discuss installations with fishers in Fiji. (Credit: SPC)



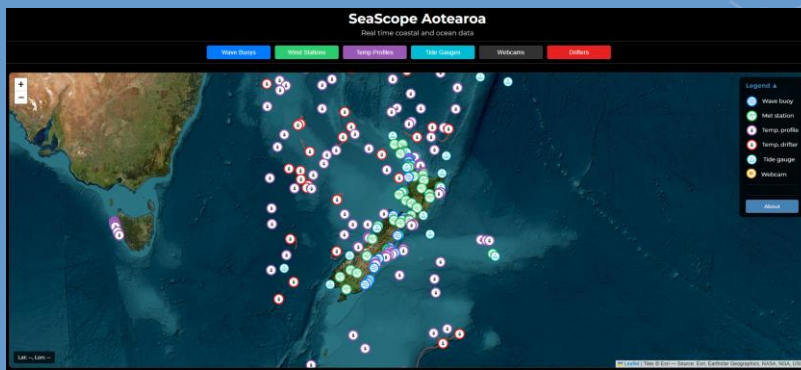
ADRIFOOS-NAUTILOS ●

AdriFOOS-NAUTILOS has a [new validated dataset](#) online, soon to be included on EMODnet.

Be sure to also check out the [new NAUTILOS video](#) available on YouTube.

OCEANUM ●

Oceanum has been working on data visualization prototypes Aotearoa and Oceania with the goal of increasing public engagement of FVON and easing access for fishers on their phones.



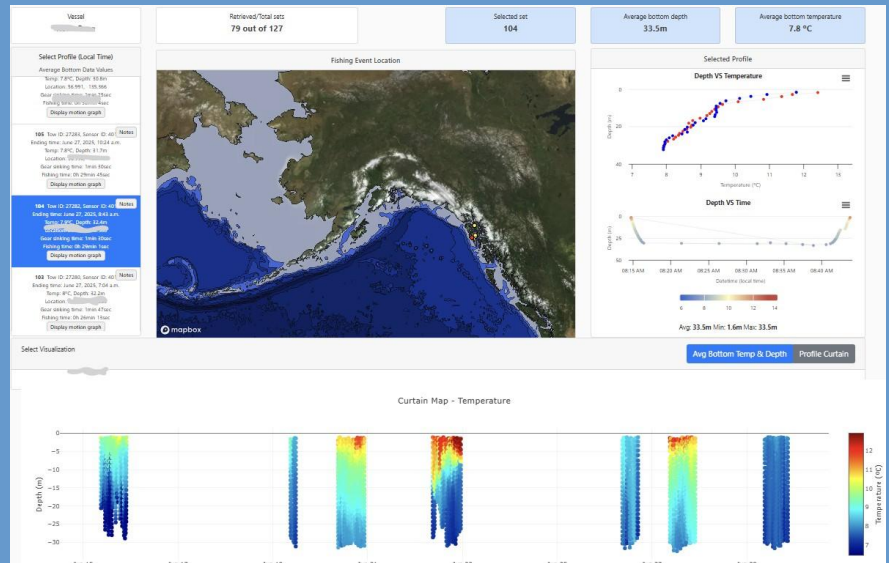


FVON-BANGLADESH

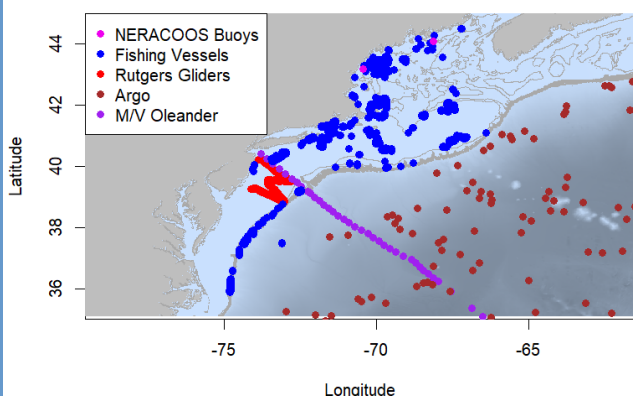
The first FVON vessels in Bangladesh are starting to catch data. This picture shows Md. Fazlu Haque fixing a ZebraTech Moana sensor to his gear. This pilot project in Bangladesh is funded by POGO and implemented by ODN in partnership with Dr. Subrata Sarker who is the head of the Department of Oceanography at Shahjalal University of Science and Technology (SUST).

ODN-ALASKA

Gannet Nets is a specialty purse seine net maker based in Washington State, USA. Together with ODN, Gannet Nets have developed a seine net performance monitoring and diagnostics tool using multiple ZebraTech Moana sensors on a single net. This win-win for fishers means new deployments in Alaska, an example of which can be seen in the portal screen grab shown. Please check out the [Gannet website](#) for more information on this system.



Subsurface Observations from 2025-05-28 to 2025-06-27



EMOLT

eMOLT has developed a map of publicly available subsurface observations from the Northeastern United States that will be updated weekly. The map includes buoys, gliders, Argo floats, ships, and fishing vessels (in blue). Fishing vessel observations come from eMOLT, the Commercial Fisheries Research Foundation, or Ocean Data Network and fill in critical data gaps in the shelf region of the East Coast.

PROGRESS ON KEY FVON WORKSTREAMS ●

FVON AT THE UN OCEAN CONFERENCE

Subsurface Observations Map

Patrick Gorringe (SMHI), Cooper Van Vranken (ODN), Chris Cusack (EDF), and Emma Heslop (IOC-GOOS) represented FVON at various UN Ocean Conference events this past month. Many sessions focused on cost-effective and accessible ocean technology, centering on FVON as an exciting solution that's picking up momentum in the ocean observing space.

- During the One Ocean Science Conference, Patrick represented FVON on a [GOOS panel](#) to quite a large audience.
- Emma presented FVON as the key note speaker at a [fishing industry meeting](#) in Vigo, Spain.
- Cooper presented FVON during a biodiversity monitoring session. The session was chaired by Dr. Frank Muller-Karger of [MBON](#), who is interested in working with FVON.
- Cooper connected with OceanOPS. FVON is participating in its ambitious [initiative](#) to scale the number of SOT, VOS, and SOOP ships to 10,000.
- Patrick presented at a [Satlink](#) session, which produces FAD tracker buoys. Also present were speakers from FAO and [EuroPêche](#).
- Chris and Cooper attended the Blue Economy and Finance Forum and presented FVON to a number of investors and financiers.

SENSOR STUDY UPDATES

Italy

Michela Martinelli and the CNR team have completed Phase 1 testing in Ancona harbor and the Adriatic Sea.

United States

Linus Stoltz led sensor testing efforts off of the coast of Rhode Island, in collaboration with the Commercial Fisheries Research Foundation's ongoing [biological surveys](#) within wind energy lease areas.

Japan

Tetsutaro Takikawa carried out sensor testing in port on 23 June. Since then, the team launched a cruise aboard a training ship from Nagasaki University to carry out the rest of Phase 1 testing.



Photo by [Arno Smit](#) on [Unsplash](#).



Photo by Ludovic Marin/AFP via Getty Images.



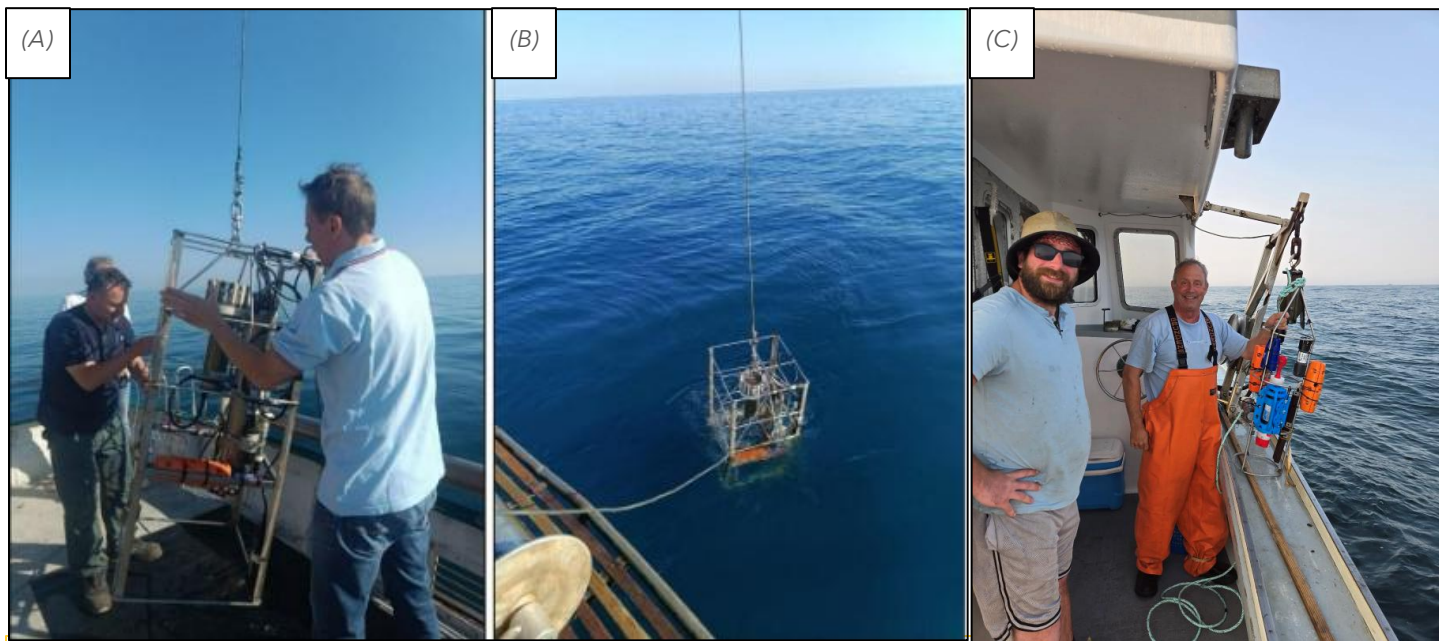
Tetsutaro Takikawa and the team testing out nke and ZebraTech sensors in port.

(Photo credits: Tetsutaro Takikawa)



Sweden

Pending final details to be decided by LandSeaLot, Emilie Breviere will build on Michela's Phase 1 report for upcoming tests around the Swedish coast aboard the R/V Svea. Two devices – the Deepod from Sensoid and the WiMo from nke – will be included, with a target deployment on the Svea's September cruise.



(A) Deploying operations carried out by the CNR-IRBIM personnel during the intercalibration experiment taking place in the Central Adriatic Sea. (B) CTD frame equipped with all the sensors involved in the test deployed from the R/V Tecnopesca II during the intercalibration experiment. (C) Picture from the intercomparison experiment carried out by Linus Stoltz at CFRF. Captain Greg and Deckhand Andrew F/V Amelia Ann getting ready to make a cast in the Mid-Atlantic Bight.

DIVE A LITTLE DEEPER ●

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