

OceanEyes Co., Ltd.



- ❑ Address: Kyoto Prefecture
- ❑ Employees: 13
- ❑ Established in 2019
- ❑ Business: Information and communications

<https://oceaneyes.co.jp/en/>

Outline of the demonstration project

- Surface fishery digitalization in Indonesia

Cooperation with local companies/governments

- Local partner: PT Kopernik
- Details of cooperation and collaboration:
On-site work and surveys in the project country where projects are implemented.

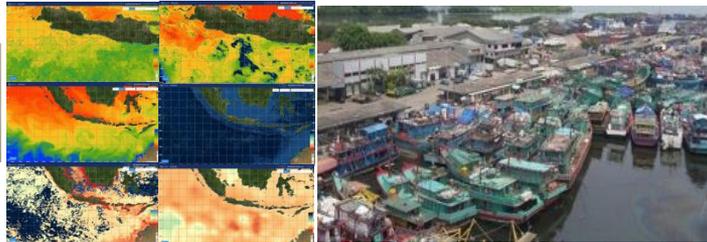
Provision of sea condition data to sea fishermen
Application of AI/physical oceanography

Improvement of operating efficiency
Analysis/utilization of catch data

FishersNavi



Cloud based sea condition viewer on Tablet.



Targeted economic/social issues

- Indonesia's fisheries are less productive, with per capita production of 3.5 tons (for instance, 27.6 in Japan and 225.2 in Iceland).
- One of the reasons for low productivity is that the rational use of data is yet to widespread.
- In Indonesia, the means of communication on board is often wireless, and the Internet environment is not yet developed.

Details of demonstration

- Information on predicted sea conditions, which is an important factor in deciding fishing grounds, is prepared using observation data from meteorological satellites and simulation technology based on the latest numerical models of the ocean. It also provides information on chlorophyll and sea level, which are in high demand in low latitude waters such as Indonesia.
- In addition, wireless operators who communicate with fishing vessels from onshore will be trained on how to use data so that they can indicate the expected location of fishing grounds, thereby improving the operating efficiency.

Expected outcome of beneficiary effects

- Improvement of the information and communication environment on local fishing vessels and creation of a new market for information services for fishery workers.
- It is expected that the managed fishery will be established in Indonesia, and expanded horizontally to neighboring countries such as Thailand and Malaysia.