



2023 Fisheries Science Seminar Citizen Science

Focus: species

All marine species, particularly fish and vulnerable species



What is this project about?

ILIAD builds on decades of data collection and aims at establishing interoperable, data-intensive, and cost-effective Digital Twins of the Ocean (DTOs). It capitalizes on the explosion of new data provided by many different sources, including citizen science (CS). The Iliad DTOs uses data derived from CS on fisheries, ports, and ocean conditions, it enables simultaneous communication with real world systems and models.

The OTTERS project will support the coordination of water-related CS initiatives to accelerate the creation and adoption of technical, legal, and ethical standards for protocols and methods. The project will also scale up aquatic CS via piloting cross-community campaigns to feed into data spaces and projects like ILIAD.



...and citizen science?

Citizen science, including the use of Local Ecological Knowledge (LEK), can be a cost-effective method for fisheries data collection. It may also facilitate detection of rare events such as rare species observations. Data collected by citizens, including fishers, on fish populations, habitats, and other important factors can be used to augment existing efforts, bridge data gaps, inform fisheries management decisions and improve trust between stakeholders.



Want to know more?

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