



2022 WORKSHOP SYNOPSIS

A full report for this workshop is available. To access it please visit our website.

WORKSHOP 2: EXPLORING TECHNOLOGIES TO MONITOR COASTAL ECOSYSTEM HEALTH IN CALIFORNIA

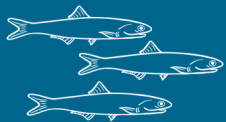
KEY FUNCTIONAL GROUPS



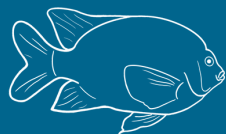
PRIMARY PRODUCERS



BENTHIC
PRIMARY CONSUMERS



PELAGIC
PRIMARY CONSUMERS



NEARSHORE PREDATORS



PELAGIC PREDATORS

OVERVIEW

Who attended?

Members of federal, state, NGO, academia & industry groups

When was the workshop?

Feb 10-11, 2022

What was the purpose of the workshop?

To synthesize insights from attendees about technologies to improve monitoring of five key functional groups, with the larger goal of learning more about ecosystem health.

RESULTS

Participants expressed a high need for a single location of open-sourced data.

Cameras, ariel drones, acoustic recordings by underwater robots, moored buoys, and eDNA were determined to be the most critical for a comprehensive monitoring effort.

Community science initiatives will be essential to this effort, including crowdsourced photos, enabling recreational and commercial fishers to tag animals, dive groups deploying and collecting sensors from low-movement species, scaling up current initiatives such as iNaturalist, and starting a community eDNA project.

Overall, ESON will need to continue to create strong partnerships with agencies to help create a sustainable monitoring network and work with various local groups to support community science initiatives.