



SUMMER 2021 WORKSHOP SYNOPSIS*

*A full report for this workshop is available. To access it please visit our [website](#)

OVERVIEW

When and where was the workshop?

June 28 & 29, 2021 via Zoom

Who attended?

50 participants from Federal, state, local, NGO, and Tribal groups

What was the purpose of the workshop?

To determine current ecosystem monitoring needs and how the RESON project can expand monitoring efforts. The workshop participants were asked a series of questions about marine ecosystem unknowns, missing data needs, and ways to support coastal communities

RESULTS

Overall, the group of participants expressed they want a better **baseline of ecosystem data** established through **higher spatial and temporal scale monitoring**

They want to **determine how and why organisms respond to environmental stressors** and the impact that has on ecosystem health

A strong emphasis was placed on **connecting ecological processes to social indicators** and understanding how changing ecosystems will alter ecosystem services and human use of the coast

Participants suggested **monitoring key species that act as early warning systems** for the rest of the ecosystem

Top Species

- Abalone
- Crabs
- Nearshore fish
- Phytoplankton
- Squid
- Sea Urchins
- Tuna

Other priorities mentioned during the workshop:

- Incorporate indigenous and local fisher knowledge into monitoring efforts
- Community science opportunities
- Standardized data collection
- Connect existing biological data sets
- Create risk assessments of species and ecosystems

The most urgent environmental stressors of concern:

- Climate change
- Disease
- Habitat loss
- Hypoxia
- Ocean acidification
- Ocean warming
- Unsustainable resource use



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