



# 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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