



Regional Ecosystem Services Observation Network

The Regional Ecosystem Services Observation Network (RESON) aims to create a comprehensive network of oceanographic technology to monitor biodiversity, ecosystem health, and animal migration along the central and southern California coast. This monitoring network is necessary to take the pulse of coastal ecosystems, spanning their structure, function, and services provided to people. By leveraging current networks and programs, RESON hopes to strengthen the connection between groups and generate a cohesive vision for detecting future change in coastal ecosystems.

We plan to do this by creating a diverse network of people including researchers, practitioners, community members, recreational enthusiasts, commercial fishers, and tribal members. This connection will help guide and inform the RESON framework and its outcomes. Through a workshop series, RESON will create a framework for a comprehensive network that will enhance coastal monitoring and provide a better understanding of ecosystem services and health. These workshops will prioritize ecosystem indicator variables, identify knowledge gaps, and ways to close those gaps with new or underused technology.

This first workshop will:

1. Determine the current and emerging coastal monitoring needs of different groups invested in the long-term health of coastal ecosystems.
2. Identify indicators that are critical to evaluate ecosystem stress on biodiversity, ecosystem health, and animal migration.

During this workshop, we will ask you to voice your ideas and needs to help shape the future of RESON. Participants will work with others within breakout groups to identify ecosystem variables that are measurable, sensitive to change and address the needs of participants.



@CA_RESON

RESON is led by the University of California, Santa Barbara Marine Science Institute, and is funded by the National Science Foundation's Coastlines and People Program

For more information contact:
Alessandra Burgos
a_burgos@ucsb.edu