Ocean Acidification and Seafood...NOAA’s role

NOAA Ocean Acidification Program
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Public Policy Forum
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The NOAA Ocean Acidification Program (OAP) was established under Sec. 12406 of the Federal Ocean Acidification and Monitoring Act (FOARAM) to oversee and coordinate research, monitoring, and other activities consistent with the strategic research and implementation plan developed by the interagency working group on ocean acidification.
Observing Biological Research
Adaptation Strategies
Education and Outreach
Data Management

Need to Figure out the mechanisms first!
Oceanic
Coastal
Local
Spatial variability
Temporal variability
Observation Needs
Many Faces of NOAA

- Ocean Acidification Program (OAP)
- Integrated Ocean Observing System (IOOS)
- Sea Grant Program
- National Marine Fisheries Science Centers
- Oceanic and Atmospheric Laboratories
- NOAA Aquaculture Program
Washington State Panel Reports

Scientific Summary of Ocean Acidification in Washington State Marine Waters

Ocean Acidification: From Knowledge to Action

Washington State’s Strategic Response

Panel Recommendations

42 recommendations, including 18 *Key Early Actions*, that will:

1. Address the root cause of acidification by reducing CO₂ emissions;
2. Reduce local land-based pollutants that worsen acidification;
3. **Foster adaptation and remediation to protect the shellfish industry and marine ecosystems**;
4. Increase research and monitoring of acidification in state waters;
5. Inform, educate, and engage the public, stakeholders, and decision makers in responding to ocean acidification; and
6. Maintain a sustainable and coordinated focus on ocean acidification.

Photos: Benjamin Drummond (top); Bern Harrison (lower right); Jim Culp (lower left)
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