



HAWAI'I OCEAN RESOURCES MANAGEMENT PLAN

Council on Ocean Resources and Coordinated
Working Group Joint Meeting

December 5, 2019

Welcome and Introductions

Mary Alice Evans

Briefing on the Hawai'i Ocean Resources Management Plan (ORMP) Update

Welcome and Introductions

Mary Alice Evans

Director, Hawai'i Office of Planning (OP)

Update Process and Outcomes

Melanie Lander

Project Analyst, OP-CZM

Looking to the Future

Justine Nihipali

Planning Program Manager, CZM Program

Recommended Council Actions

Council on Ocean Resources

Adjourn

Mary Alice Evans

Update Refresher

The Hawaii Ocean Resources Management Plan's unique purpose is to convene experts to resolve complex coastal problems:



§205A-3 Lead agency.

The lead agency shall:

- (7) Prepare and periodically update a plan for use of coastal zone management funds to resolve coastal problems and issues that are not adequately addressed by existing laws and rules;

The Hawaii Ocean Partnership Agreement was created as a commitment towards plan implementation



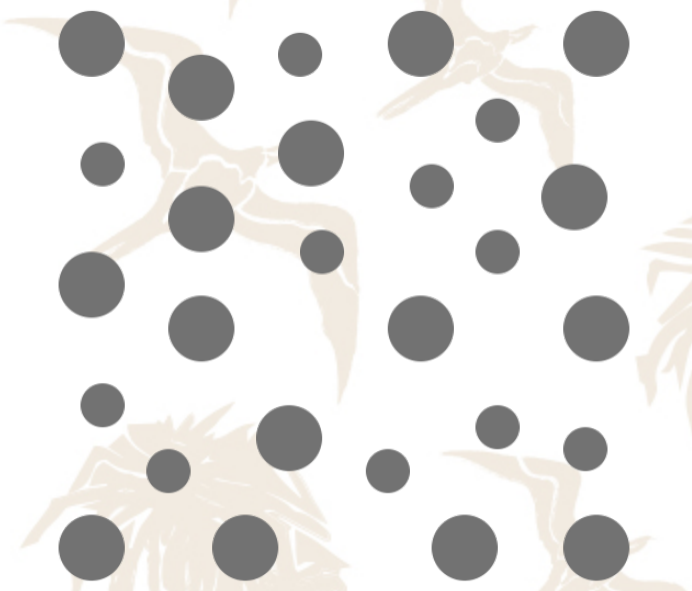
Update Process and Outcomes

Melanie Lander

Progress Check-In: Project Timeline

2019							
January	February	March	April	May	June	July	
Proposal Review		Select Consultant	Contract Execution/Kick Off Meeting	5/22: Council/CWG Joint Meeting, Selection of Graphic Scheme	Planning of Public Listening Sessions, Creation of Online Input Mechanisms	CWG Meeting, Planning of Public Listening Sessions, Creation of Online Input Mechanisms	
2019					2020		
August	September	October	November	December	January	February	March
Information Sharing Sessions, Online Input Open for Public Comment	Plan Partner Survey and Interviews, Meetings with Cultural Practitioners, Report on Public Listening Sessions, CWG Meeting		Report-Back to Information Sharing Session Participants, Determination of 2020 ORMP Focus Areas	12/5: Council/CWG Meeting, ORMP Draft to OP-CZM for Review and Comment	Happy New Year!	ORMP Draft to Council and CWG for Review and Comment	Plan Endorsement, 2020 ORMP Finalized for Distribution to Partners and Public

Update Refresher



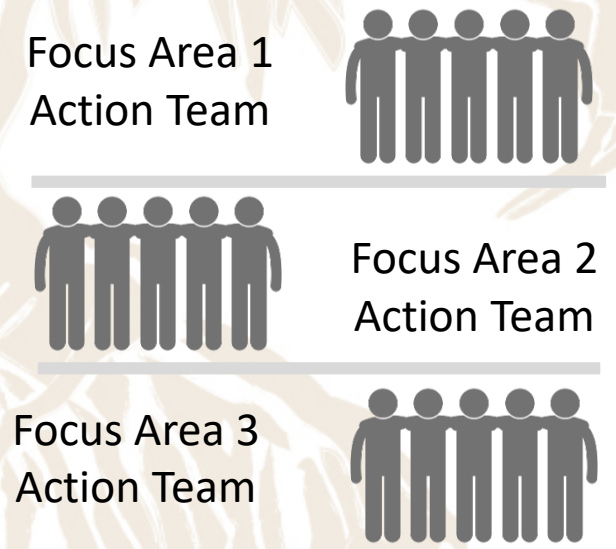
Management Gaps

Coastal problems that are not adequately addressed by existing laws and rules
(Legal gap, and/or lack of personnel capacity, funding, etc.)



Focus Areas

Distillation of many management gaps to several 'Focus Areas'



Action Teams

Groups of experts convened by plan stakeholders to collaboratively address Focus Areas

Statewide Information Sharing Sessions

Update Process and Outcomes



Maui



Hilo



Kauai



Lanai

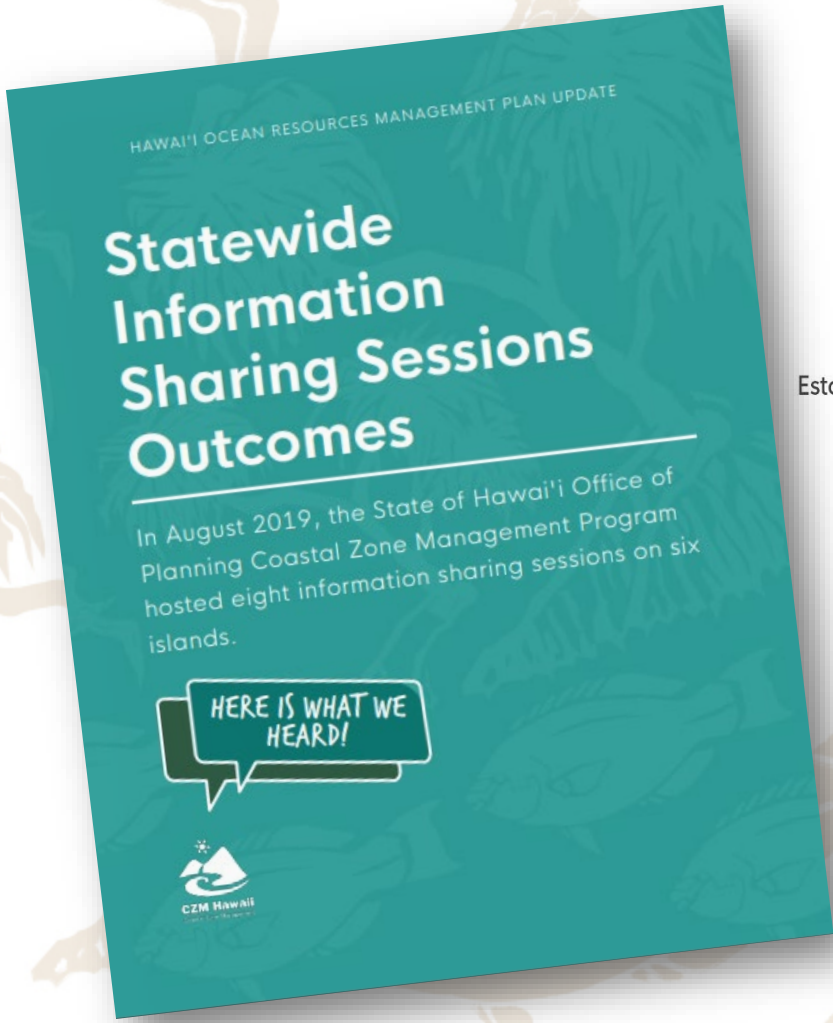


Kona

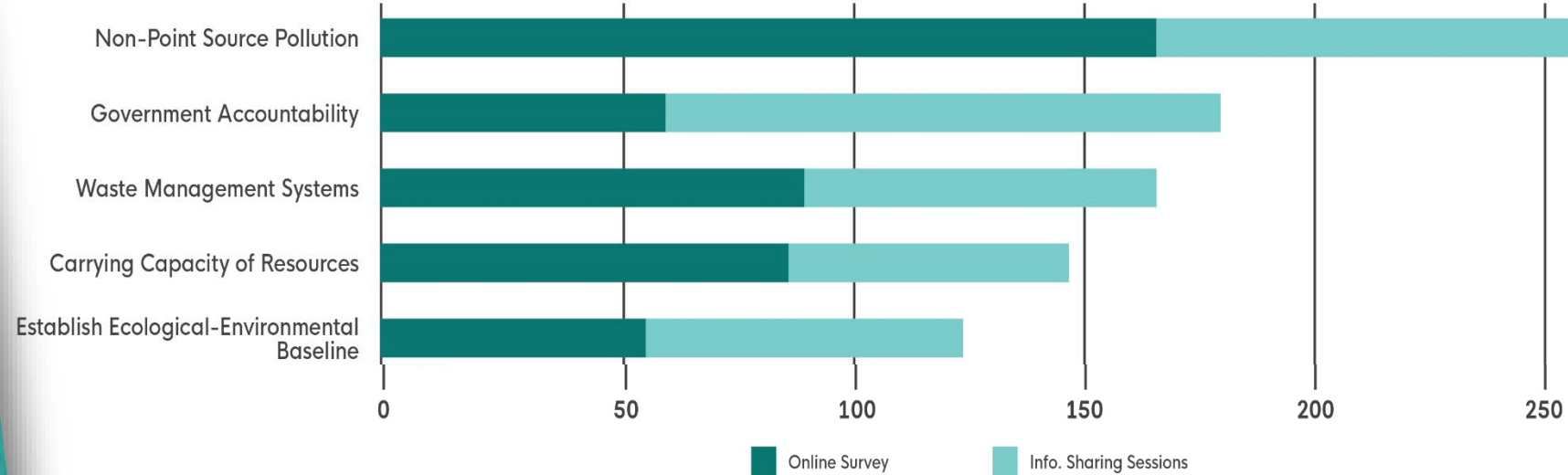


Molokai

Update Process and Outcomes



In August 2019, the State of Hawai'i Office of Planning Coastal Zone Management Program hosted eight information sharing sessions on six islands.



*Themes were deduced from the data using open and axial coding methods for qualitative data, and the coded themes were then tallied and totaled across all questions and datasets.

Public contributions to the in-person meetings and online survey were coded and compiled to establish a ranking of community priorities.

Update Process and Outcomes

Coordinated Working Group Meetings

July 11, 2019

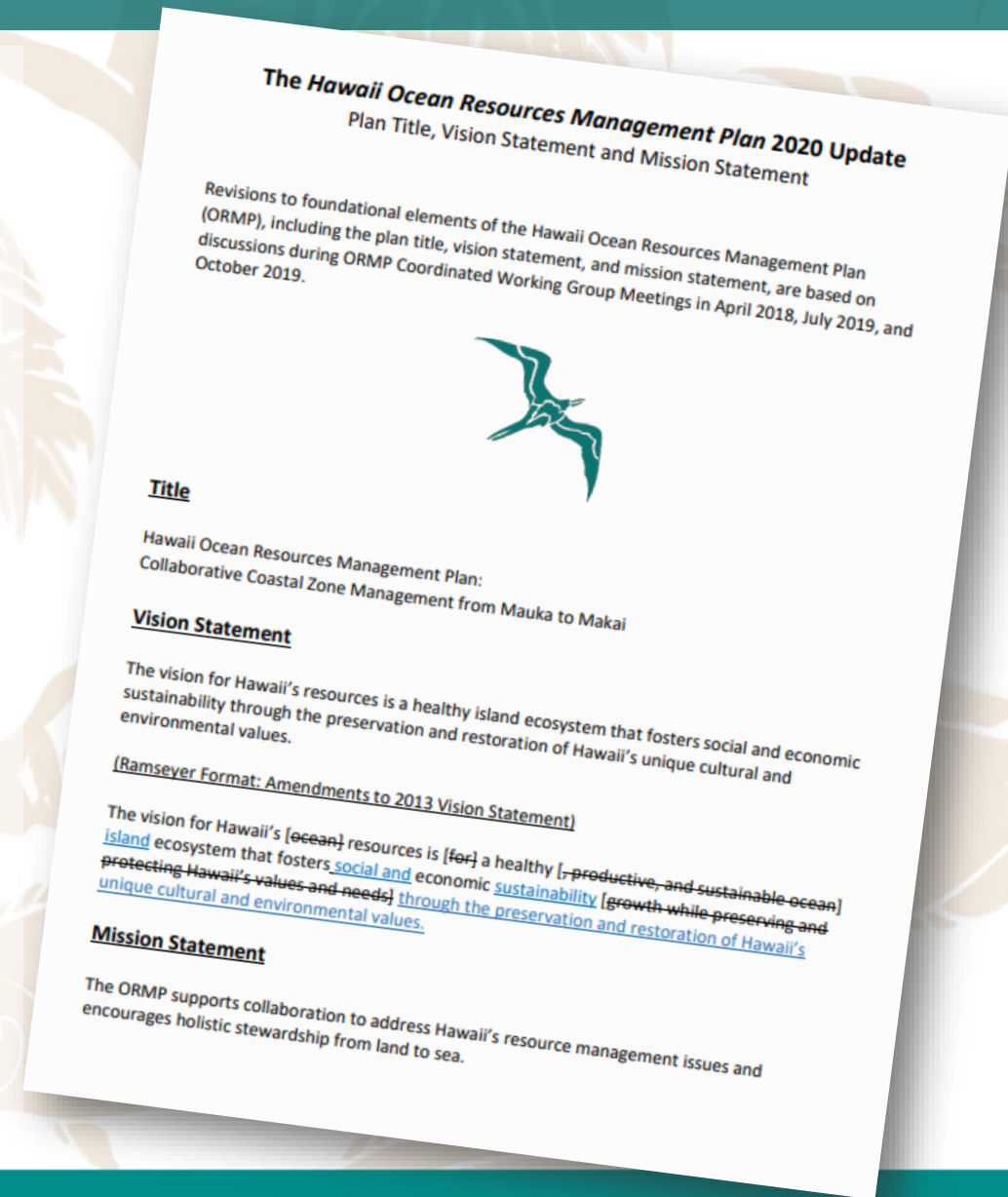
Discussion of criteria for focus area selection and Action Team creation.

October 3, 2019

Discussion of, and agreement to finalize, themes from the Information Sharing Sessions and Online Survey results and key elements including: Mission Statement, Vision Statement, and Subtitle.

Interviews with Partner Delegates

18 interviews conducted to present findings from community meetings and verify agency-specific information



Update Process and Outcomes

12 practitioners of Traditional Ecological Knowledge (TEK) contributed to the ORMP Update Process:

One-on-one interviews were conducted to inquire how traditional knowledge and practices may inform Hawaii's planning processes and be better incorporated into the ORMP specifically, and state and county plans generally.

- Traditional cultural practices are inherently place-based, while many planning efforts are regional or statewide in scope.
- There is no singular approach to Hawaiian cultural practice, nor is there one cultural practitioner who can speak for all.

Update Process and Outcomes

Connecting TEK Themes to the 2020 ORMP:

**Statewide
≠
Place-Based**

The ORMP's scope and criteria for statewide policy or guidance creation is incompatible with place-based TEK considerations

**Standards
≠
Multi-Faceted Practices**

The creation of one-size-fits-all guidelines for the integration of cultural practices into planning documents is incompatible with TEK

Our Recommendation:

The ORMP Perspectives (see right) serve as guiding principles and should be consulted and applied to the proposed Focus Areas and any future ORMP endorsed projects



The ORMP Perspectives

2013

ORMP Three Perspectives

Perspective 1: Connecting Land and Sea

Careful and appropriate use of the land is required to maintain the diverse array of ecological, social, cultural, and economic benefits we derive from the sea.

Perspective 2: Preserving our Ocean Heritage

A vibrant and healthy ocean environment is the foundation for the quality of life valued in Hawaii and the well-being of its people, now and for generations to come.

Perspective 3: Promoting Collaboration and Stewardship

Working together and sharing knowledge, experience, and resources will improve and sustain our efforts to care for the land and the sea.

2020

New!

Perspective 4: Adapt to Changing Conditions

Mitigate the projected impacts of global climate change by strengthening the health of Hawaii's ecological, social, cultural, and economic coastal resources.

Update Process and Outcomes

Focus Area Criteria Included:

- Identified as a management gap (issue requires additional support, research, guidance, and/or amendment of existing laws and rules)
- Deemed to be of statewide concern or relevance
- Distinct from or complementary to other Federal, State, and County efforts
- Of multi-agency significance, with the expressed desire for collaboratively derived solutions through the ORMP Framework



Focus Area Recommendations



Development and Coastal Hazards



Marine Ecosystems



Land-Based Pollution

Focus Area Recommendations



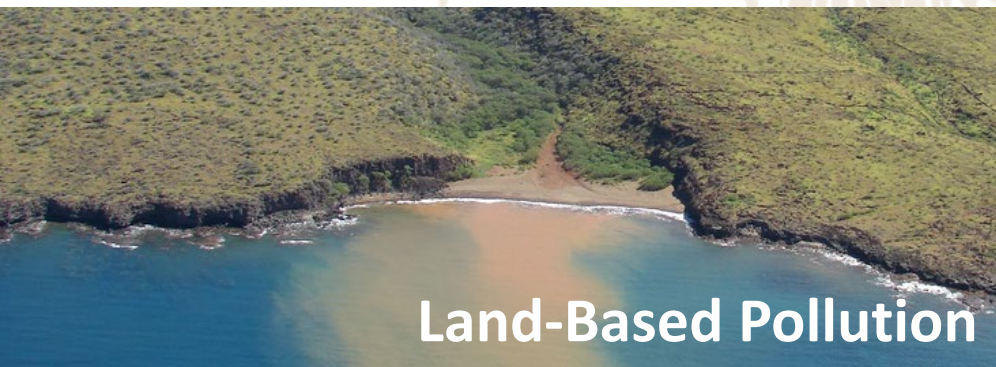
Development and Coastal Hazards

Purpose:

Reduce impact of the built environment on coastal resources
Decrease vulnerability of the built environment to coastal hazards

Primary concern:

Sea level rise adaptation of vulnerable infrastructure near the shoreline



Land-Based Pollution

Purpose:

Reduce Runoff and Mitigate Sources of Land-Based Pollution into Nearshore Waters

Primary concerns:

Sediment, chemical, and nutrient runoff from terrestrial developed areas, resulting impacts on nearshore ecosystem and human health



Marine Ecosystems

Purpose:

Strengthen and Enhance Marine Ecosystem Health and Provision of Ecological Services

Primary concerns:

Shifting baseline of nearshore 'health', carrying capacity of resources to support tourism and fisheries sustainably, projections of rapid ecosystem decline from global climate change

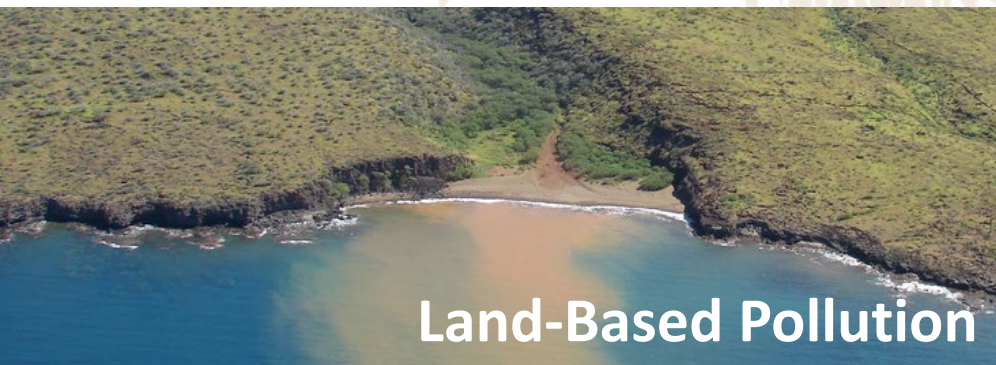
Focus Area Recommendations



Development and Coastal Hazards

Proposed Initiatives:

- Comprehensive inventory of state and county public infrastructure assets along the shoreline, vulnerable to coastal hazards
- Statewide Integrated Shoreline Management Strategy



Land-Based Pollution

Proposed Initiative:

- Facilitate the broad adoption of green infrastructure in the developed zone to control the movement of sediment, chemical, and nutrient runoff from land to sea



Marine Ecosystems

Proposed Initiative:

- Promote nearshore health through conservation and restoration priorities, as established by the Department of Land and Natural Resources-Division of Aquatic Resources

Focus Area Recommendations: Action Teams

2013

2020

Appropriate Coastal Development and Management of Coastal Hazards Action Team



Development and Coastal Hazards Action Team

N/A



Land-Based Pollution Action Team

Coral Reef Action Team



Marine Ecosystems Action Team



Looking to the Future

Justine Nihipali

Looking to the Future

Collaboration on Statewide Issues



Opportunities to collaboratively fund the implementation of Focus Area initiatives:

- Multi-agency partnerships will result in more competitive joint-proposals for funding
 - State- General Funds, Special Funds
 - Federal- CZM Projects of Special Merit, NOAA Coastal Resilience Grants, and more!

Looking to the Future

Proposed Action Team Outcomes

Short-term actions such as:

- Support of partner-sponsored legislation and rule changes
- Professional facilitation services for meetings
- Publication of statewide guidance documents
- Multi-agency grant applications
- Sponsorship of research
- Demonstration projects
- Hosting of symposia

And long-term goals, such as:

- Proposed legislation
- New rules/ordinances or proposed changes
- Provision of information to decision-makers (i.e. research, policy analysis)
- State and county integration of ORMP's *Perspectives* into work areas



Focus Area Recommendations



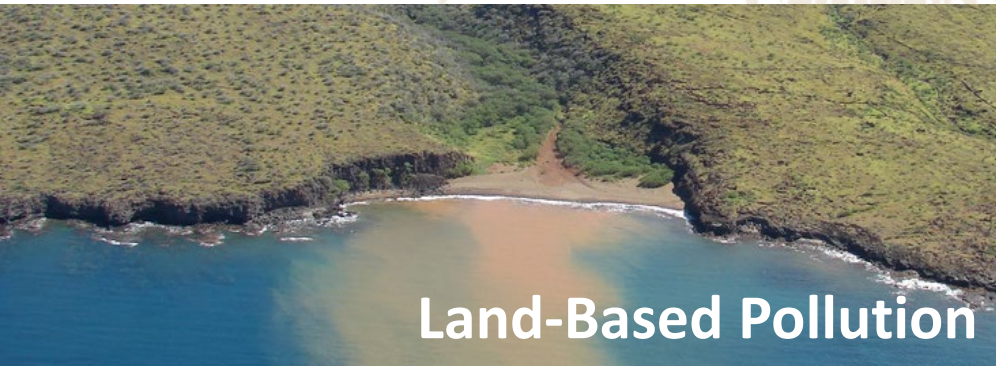
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Looking to the Future

Remaining Project Timeline

2019	2020		
December	January	February	March
12/5: Council/CWG Joint Meeting	Happy New Year!	ORMP Draft to Council and CWG for Review and Comment	Plan Endorsement, 2020 ORMP Finalized for Distribution to Partners and Public

Looking to the Future


Recommended Council Actions


1. Approve the 2020 ORMP Focus Areas as priority recommendations for plan implementation and support the creation and/or reformulation of three interagency Action Teams to implement the 2020 ORMP Focus Areas.
2. Renewed commitment to implementing the ORMP by endorsing the updated plan. Endorsement to occur in March 2020.

Plan Endorsement

ORMP POLICY GROUP ENDORSEMENT


We, the undersigned, having participated in the update of the 2006 ORMP, commit to continued coordination of state, county, and federal jurisdictions, pursuant to HRS section 205A-62, and to strive to ensure and support the perspectives, management priorities, and goals of the 2013 ORMP. By signing below, we recognize the importance of coordination and cooperation to ensure the vision for Hawaii's ocean resources as a healthy, productive, and sustainable ocean ecosystem that fosters economic growth while preserving and protecting Hawaii's values and needs.


Office of Planning*



Department of Business, Economic Development, and Tourism**

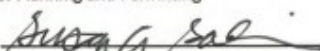

Department of Health**

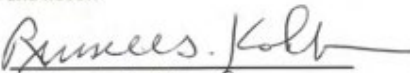

Department of Transportation**

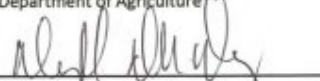

University of Hawai'i, Sea Grant**


County of Maui, Planning Department

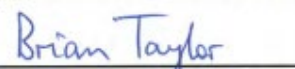

City & County of Honolulu, Department of Planning and Permitting

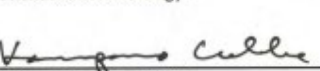

Marine and Coastal Zone Advocacy Council


Department of Agriculture**


State Civil Defense**

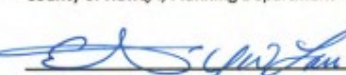

Department of Land and Natural Resources**


University of Hawai'i, School of Ocean and Earth Science and Technology**


Office of Hawaiian Affairs


County of Kaua'i, Planning Department


County of Hawai'i, Planning Department


Honolulu Board of Water Supply

* Lead Agency for Coastal Zone Management (CZM) as defined by HRS §205A-1.

** State agencies with responsibilities relating to marine and coastal zone management identified under HRS §205A-62(3).

FEDERAL AGENCY ACKNOWLEDGEMENTS

The following federal agencies participated in the development of the ORMP and through their participation acknowledge and recognize the importance of ocean resource management in Hawai'i.



- NOAA Pacific Services Center
- NOAA Office of National Marine Sanctuaries, Pacific Islands Regional Office
- NOAA Office of Ocean and Coastal Resource Management



United States Army Corps of Engineers, Honolulu District, Civil and Public Works Branch



United States Navy, Hawai'i Region



United States Coast Guard, 14th District



United States Environmental Protection Agency, Pacific Island Contact Office

MAHALO!

<http://planning.hawaii.gov/czm>

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(808) 587-2846



Hawaii CZM Program

Coastal Zone Management
HAWAII STATE OFFICE OF PLANNING