

## Hawai'i Ocean Resources Management Plan Working Group

### Meeting Summary

April 4, 2013: 9:00am – 12:00pm  
Office of Planning, 6<sup>th</sup> Floor Conference Room  
235 S. Beretania Street, Honolulu, HI 96813

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#### **Present:**

April Coloretti (SSFM International)	Josh Hekekoa (OP–CZM)
Art Challacombe (CC–Honolulu, DPP)	Kim Burnett (UHERO)
Barry Usagawa (BWS) Bethany Morrison (HI Co. Planning)	Laura McIntyre (DOH–EHH–EPO)
Bill Tam (DLNR–CWRM)	Leo Asuncion (OP–CZM)
Brad Romine (UH Sea Grant)	Luisa Cristini (UH–SSRI)
Chris Wada (UHERO)	Lynn Sumida (OP–CZM)
Doug Harper (NOAA)	Maria Carnerale (DLNR–PMNM)
Elia Herman (DLNR–Sanctuary)	Mark Fox (Nature Conservancy)
Emily Gaskin (HIHWNMS)	Matthew Gonser (UH Sea Grant)
Emma Anders (DLNR–DAR)	Melissa Iwamoto (PaCLOOS)
Glenn Martineau (USCG)	Mike Dahilig (Kauai Co. Planning)
Jesse Souki (OP)	Nancy Matsumoto (BWS)
Jim Buika (Maui Co. Planning)	Sandra Rossetter (DOT–Harbors)
Jim Coon (MACZAC)	Sarah Pautzke (NOAA–PIRO)
Jody Gallinto (Kauai County)	Stephen Frano (NOAA–OCRM)
	Wayne Tanaka (OHA)

#### **Welcome**

Jesse Souki; CZM Program Manager welcomed the group and provided CZM and legislative updates.

#### **Scoping the Value of the Special Management Area and Shoreline Setback Variance program for the Hawaii Coastal Zone Management Program**

Kimberly Burnett, of the University of Hawaii Economic Research Organization provided an analysis on the value of these programs. The focus of this CZM program sponsored project is natural resources protection and placing a value on what was protected by the SMA permit system.

- Develop a methodology for valuing the resources protected by the SMA program.
- Potential applications of techniques are demonstrated through case studies in each of the counties.
- The key is linking actions resulting from the program to value changes in coastal and ecosystem services of interest.

#### **Environmental Valuation Concepts:**

- Stated preference techniques: individuals state willingness-to-pay for a specified ecosystem service (e.g. through a survey)
- Contingent valuation method (CVM)

- Choice modeling (CM)
- Revealed preference techniques: information is “revealed” through actual actions taken in a market
- Travel cost method (TCM)
- Hedonic pricing method (HPM)
- Ecosystem service approach (ESA)
- Other techniques: values inferred from other studies
- Benefits transfer method (BTM)

**Key benefits of the SMA program selected by the Office of Planning include:**

- Public access
- Beach and shoreline protection
- Marine resources
- Scenic and open space
- Public participation

Case studies selected with the intent of providing adequate representation of geographical conditions and benefits:

**Hawai‘i County:**

- Puakō Bay - *Public beach access, marine resources*
- Kohana‘iki Beach Park - *Public beach access, scenic amenity, open space, marine resources, cultural value*
- Holualoa Bay - *Scenic amenity, marine resources, cultural value*

**Kaua‘i County:**

- Kealia and Donkey Beaches - *Public beach access, scenic amenity, open spaces*

**Maui County:**

- Makani Sands Beach - *recreation (local), marine resources preservation*
- Charley Young Beach - *Beach recreation (tourism)*

**Oahu County:**

- Moana Surfrider Hotel - *Public beach access, erosion control*

## **Next Steps:**

- More details on O‘ahu case study (Moana Surfrider Hotel in Waikiki).
- Develop appendix that gives step-by-step instructions on how to employ the suggested valuation methodologies.
- Consider how estimated values could be applied in a more comprehensive cost-benefit analysis used for decision-making.

## **SSFM ORMP Update Report – Administrative Review Draft and One-on-one agency meetings:**

April Coloretti of SSFM gave an overview of the latest Administrative Review Draft and the Executive Interviews. The executive interviews of the agencies responsible for carrying out the ORMP mandates are complete. Only lead agencies were interviewed in this latest phase. Any additional comments will be brought up during the Policy Group meeting on May 15, 2013.

The Pre-Final ORMP, should be ready for distribution to agency heads and Policy Group members by late April 2013.

## **ORMP Metrics and Reporting for the Ocean Resource Management Plan**

Leo Asuncion of the Coastal Zone Management Program provided examples of data already collected by CZM and how they translate to metrics collected for the ORMP.

### **Types of Data Collected; Purpose**

- How Data Collected Can Be Used for ORMP Reporting Purposes
- Data Collection Gaps
- ORMP “Report Card” Concept

The types of data already collected by CZM for annual reporting purposes:

- NOAA Performance Measurement System
- Legislative Annual Reports on the CZM Program and OP
- Semi-Annual and Annual Reports on active/open grants

### **NOAA Performance Measurement System (PMS)**

- What is it? A system used to track measures of effectiveness of the national Coastal Zone Management (CZM) Program.
- Outcomes: Serves as a mechanism for quantifying the national impact of the National CZM Act by tracking and aggregating measures of effectiveness.
- Data is collected on the five performance measurement categories:
  - Government Coordination & Decision Making
  - Public Access
  - Coastal Habitat

- Coastal Hazards
- Coastal Dependent Uses & Community Development
- Who provides data? Data is collected from source agencies: County Planning Departments, contractors receiving CZM funds, OP staff, and State DLNR.
- How is data reported? It's collected from source agencies semi-annually (July and January) via MS Excel spreadsheets and fillable forms.

### **Public Access Category**

Goal – to create or enhance public access sites over the next 5 years

Measures:

1. Number of public access sites (a) created through acquisition or easement, and (b) enhanced with assistance from CZM funding or staff.
2. Number of public access sites (a) created, and (b) enhanced through CZM regulatory requirements.
3. Number of (a) education activities, or (b) training events related to public access offered by the CZM Program and number of participants.

### **Coastal Hazards Category**

Goal – increase the percentage of coastal communities implementing management practices to improve resilience and increase public awareness of hazards.

Measures:

1. Number of communities in the coastal zone that completed projects to (a) reduce future damage from hazards, and (b) increase public awareness of hazards from CZM funding or staff.
2. Number of (a) education activities, or (b) training events related to coastal hazards.

### **Legislative Annual Reports**

- Hawaii Revised Statutes (HRS) § 205A-3(10) requires OP to prepare an annual report on the Hawaii CZM Program for submittal to the Governor and Legislature.
- The annual report describes OP's office wide activities and accomplishments for the year, and provides information on the programmatic accomplishments, issues and needs.
- The annual report is due to the Governor and Legislature 20 days prior to beginning of the Legislative session (i.e. prepare & submit report in December).

### **Data Collected and Reported:**

1. Update on the Federal Consistency Program (i.e. # and type of reviews).
2. Update on the Land Use Division (i.e. # and type of petitions before the Land Use Commission).
3. Update on New Day Plan accomplishments (i.e. Climate Change Initiatives, Agricultural Renaissance, Energy Independent Hawaii and Technology and Innovation).

Data Collected from County Planning Departments, MACZAC & OP Staff

### **Semi-Annual and Annual Reports on Active/Open Grants**

- What is it: Reporting requirement to justify adherence to the terms of financial assistance awards, compliance with grant tasks, adherence to approved management program and plan, and progress on meeting National CZM Act Section 312 evaluation necessary actions or program suggestions.
- Hawaii CZM collects data from OP staff, County Planning Departments, and MACZAC.
- A report is generated for each active/open grant, and electronically submitted twice a year for a 6-month reporting period to OCRM.

### **Outcomes – conveys accomplishments and challenges which allow the Hawaii CZM Program to achieve objectives and goals**

*Examples or data collected and reported:*

1. Details on the administration of the Hawaii CZM Program (State and Counties).
2. Details of the Hawaii CZM Program's public participation and outreach activities.
3. Details of the implementation and monitoring of the SMA program.
4. Details of the implementation of the ORMP.

### **Data Collection Gaps**

*Gaps - what metrics are missing or we don't know about.*

- For NOAA PMS data - City & County data not included.
- For NOAA PMS data – only data where CZM funds or staffs.
- Data that has to be adjusted or refined to meet ORMP goals.

- Multiple counting – i.e., number of CIP projects with climate change adaptation strategies.
- Could be counted during HRS c. 343, SMA, and Fed Con reviews.
- Data collection would need standardization for ORMP reporting.
- Identify where to get “gap” data (based on what we know).
- Possibly from ORMP working group members reporting during meetings; agency reports on-line; staff awareness/knowledge

**Next Steps for Working Group**

The next Working Group meeting is scheduled for Thursday, April 4, 2013, from 9:00 am – 12:00 pm. Location is the Office of Planning Conference Room, 6<sup>th</sup> Floor of the State Office Tower.