

DRAFT MINUTES

Friday, August 13, 2021: 9:30 am – 12 pm
Zoom Virtual Meeting

ATTENDANCE

- Members Present: Jim Coon, Robert Nishimoto, Sue Sakai, Donna Brown, Kimbal Thompson, Rich Brunner, Scott Sullivan
- Members Absent: Phil Fernandez, Nick Palumbo
- Office of Planning and Sustainable Development/Coastal Zone Management (OPSD/CZM) Staff Present: Sarah Chang (OPSD/CZM), Keelan Barcina (OPSD/CZM), Yusraa Tadj (OPSD/CZM), Shichao Li (OPSD/CZM), Lisa Webster (OPSD/CZM)
- Others Present: Zoe Sims, Chief of Staff, HI State Representative Tarnas' Office, Nancy McPherson (DHHL), Melanie Lander (UH Sea Grant College Program)

DISTRIBUTED MATERIAL

- MACZAC Meeting Agenda for May 7, 2021
- Minutes from February 26, 2021 MACZAC Meeting [Draft]
- CZM Report to MACZAC (May 7, 2021)

I. Call to Order

MACZAC Vice-Chair, Jim Coon, called the meeting to order at 9:31 am and welcomed everyone. Justine Nihipali, OPSD/CZM Program Manager, assisted with roll call of MACZAC members present, and shared that Phil Fernandez, MACZAC Chair, was unable to attend today's meeting and that Vice-Chair Coon would assume the role of Acting Chair to preside over the meeting.

II. Approval of May 7, 2021 Meeting Minutes

Sue Sakai moved to approve the May 7, 2021 Meeting Minutes, and Kimbal Thompson, MACZAC member, seconded. The minutes were unanimously approved by all members present.

III. Remarks

Ms. Nihipali shared details of several bills from the 2021 Legislative Session that affect OPSD. See Item VI for details.

IV. Hawai'i Coastal Zone Management (CZM) Program Manager's Report

Ms. Nihipali provided an overview of the CZM Program Report, highlighting a few of the following items:

National Initiatives

National CZM Program Funding

For FY 2021 (July 2021 – December 2022), the CZM line item increased by \$1,500,000 nationally for a total of \$78,500,000. CSO and state and territorial programs are requesting an increase of funding to \$88,500,000 for FY 2022. The State will be receiving \$2,365,000 (306) and \$159,000 (309) for the upcoming fiscal year.

Hawaii CZM Program

- 10 of 11 (2 are 0.5 FTE) positions staffed (1/2-time Project Analyst)
 - CZM Office Assistant (OA) position is temporarily filled through August 19, 2021.
- 1 intern position
 - The graduate intern position is in recruitment.
- CZM Website updated periodically (<http://planning.hawaii.gov/czm/>). Working on improving communications for consistency and currency. The OA helped to integrate improvements to the Office of Planning and Sustainable Development (OPSD) website to improve the interface and provide consistent mechanisms for responses to public inquiries. Analyzing existing website to make it more efficient and streamlined.

Section 312 Evaluation

- No new activity
- CZM Staff contact is Debra Mendes

Section 309 Assessment and Strategy

- No new activity
- CZM Staff contact is Justine Nihipali

Program Changes

- No new activity
- CZM Staff contact is Shichao Li

Ocean Resources Management Plan

- Completed an ORMP Story Map that focuses on the updated plan and the implementation phase. The online outreach tool provides key points from the ORMP for the casual audience and can be found online at <https://storymaps.arcgis.com/stories/4bccfb29485b41939fdec6e99f589476>
- Staff and Program Manager have collaborated with stakeholder agencies to discuss opportunities to apply for the NOAA Project of Special Merit competition to advance Focus Areas #1 and #3. Proposals were submitted in January 2021.
- Partnering with UH Sea Grant (Melanie Lander) as a consultant to identify the existing framework for management of land-based pollution across the State. The report will identify successes and shortfalls of the multi-jurisdictional structure and will provide recommendations for Focus Area 2 Action Team implementation actions. Project is underway with anticipated completion by Dec 2021.
- An official Hawaii Silver Jackets (SJ) Team has been established and recognized by the USACE National Silver Jackets Program. This partnership enables the USACE to provide technical assistance support in various capacities. The Hawaii SJ Team will operate within the ORMP framework.
- CZM Staff contact is Sarah Chang

Coastal Non-Point Pollution Control Program (CNPCP)

- The Hawaii nonpoint program now has four remaining Management Measures (MMs) and one Administrative Element (AE) that require approval by NOAA/EPA: Roads/Highways/Bridges (3 MMs remaining); On-Site Disposal Systems (OSDS) (1 MM remaining); and Monitoring and Tracking (1 AE remaining)
- Working with DOT, DOH, counties (planning departments, public works departments) on completing the above Management Measures.

- Information on the CNPCP can be found online at (<http://planning.hawaii.gov/czm/initiatives/coastal-nonpoint-pollution-control-program/>)
- CZM Staff contact is Debra Mendes

Climate Change Adaptation

- OPSD Director and CZM Program Manager serve as Commissioners on the Climate Change Mitigation and Adaptation Commission
- Meeting schedule: - November 3, 2021, from 1:00 – 4:00 pm.
- CZM Staff contact is Justine Nihipali

Coastal Hazards

- Section 309 Coastal Hazards Strategy for the *Probabilistic Tsunami Design Zone Mapping – Maui Island (Phase I)* contract was executed February 26, 2020. This is for the high-resolution mapping for the island of Maui - request for extension in process due to feedback received from the technical meeting on October 30, 2020. Questions were raised on the topography used to run the model which contained some buildings. Consequently, the modeling team decided to re-run their models to ensure that the models used bare earth topography to ensure that the inundation modeling does not affect the flow. The extension would run through September 30, 2021. Procurement for the mapping/modeling for the second phase for Maui and Kauai was accomplished, and the contract for this last phase was executed January 20, 2021. CZM Staff contact is Yusraa Tadj
- The OPSD has provided the following CZM/SMA training to the following county planning commissions:
 - CZM/SMA training to the County of Hawaii Leeward Planning Commission was held May 20, 2021
 - CZM/SMA training to the County of Maui Planning Commission was held June 22, 2021
 - CZM/SMA training to the County of Kauai Planning Commission was held August 10, 2021
- Learn more about how OPSD-CZM and the counties are working together to improve shoreline and coastal management. The new county profiles Story Map can be found online at (<https://storymaps.arcgis.com/stories/363b55b369f14ab5b7d69b3fd37add2e>)
- CZM Staff contact is Shichao Li

County CZM Projects

- Kauai County was provided resources to update its Public Access database as well as prioritizing improvements that will enhance the public's use and enjoyment of the County's shoreline. Two County of Kauai Planners and consultant Sea Engineering, Inc, completed over 60 site visits that were prioritized from the total list of 219 accesses. SEI created the GIS layer that included the coastal access research and other appropriate data. In a possible future project, and once the county completes a community vetting process, certain access points on the GIS layer will be prioritized for inclusion in a publicly accessible website. Kauai County was provided resources to obtain GIS layers to analyze and inform potential expansion of the SLR-XA for their SMA. During this time (the first half of 2021), Kauai County continued to update sea level rise information and GIS layers to assess applicability for expanding the SMAs to include sea level rise projections. Additional GIS layers being developed include lot depth calculations, shoreline changes, Erosion Hazard Zone with 3.2 SLR exposure areas and the SMA.
- County of Hawaii project: *Phase I Analysis to Establish Research-Based Shoreline and Riparian Setbacks*. No-cost extension requested and granted. Expected completion is

December 31, 2021. During this time, County staff continued to work on procurement procedures and funding. In order to leverage the \$100,000 of HCZMP funding for this project, the Hawai'i County Council passed Resolution 94-21, to provide additional county funds up to \$150,000 to leverage the work to be performed under Phase 1.

- County of Hawaii project: *Pilot Public Access Geodatabase Update*. During this time, the Planning Department engaged the UH Hilo Spatial Data Analysis and Visualization (SDAV) lab to pilot a regional geodatabase update. The project was completed, and project deliverables include New Geodatabase designed and operational, Operator's Manual for instruction for ongoing Department use, and a Feasibility Report as an estimation costing tool for scaling project island-work. Expected completion is December 31, 2021.

Other Initiatives

- Greenhouse Gas Sequestration Task Force. Three projects have been completed to meet objectives of Act 15, SLH 2018. The most recent meeting was held May 5, 2021, and the next meeting will be held on August 18, 2021. CZM Staff contact is Justine Nihipali.
- CZM Program is involved with a number of external groups and activities:
 - Coral Reef Initiative Working Group (DLNR-DAR)
 - Hawaiian Islands Humpback Whale National Marine Sanctuary Advisory Council
 - Hawaii Invasive Species Council (HISC) and HISC Resource Committee
 - Coastal States Organization
- Continue to review environmental assessments/environmental impact statements to ensure CZM objectives, policies, and initiatives are considered.

V. Guest Presentation: Focus Area 2 Land-Based Pollution Report

Melanie Lander, Extension Agent with the University of Hawai'i Sea Grant College Program, based at UH Mānoa, has been contracted by OPSD/CZM to develop the *Identifying frameworks for land-based pollution management in the Hawaiian Islands* report. Ms. Lander provided a presentation to the group about her research to date and anticipated report content. This report will look at a multi-jurisdictional management framework, current successes and shortfalls, existing educational and compliance campaigns, and research needs.

Land-based pollution, and our terrestrial management of it, impacts coastal health. Land-based pollution is largely non-point source pollution, coming from anywhere and everywhere. This is in contrast with point source pollution, for example a pipe coming out of a factory dumping waste into a river, which can be more easily addressed.

Why focus on land-based pollution? It impacts coastal and nearshore health, nearshore ecosystems, nearshore economic productivity, human health and recreation. It also curtails cultural practices including limu gathering, fishing, swimming, and surfing. Every form of agriculture and development, and even conservation practices, contribute to non-point source pollution, and therefore almost all agencies have some sort of kuleana in addressing this issue. Unfortunately, without clear regulatory standards and leadership, everyone ends up pointing at each other.

Unlike wastewater, which is collected, treated, and disposed of far offshore, land-based runoff goes, unfiltered, directly into our storm drains and ends up being expelled at beaches and other coastal areas, negatively impacting these ecosystems. While treated sewage is not considered non-point source pollution, cesspools, because they drain directly into the ground, are major

contributors to non-point source pollution. Non-point source pollution is the largest source of pollution locally, nationally, and possibly worldwide, and was also the number one concern of the public during ORMP public engagement sessions conducted in 2019, which led to it being selected as a Focus Area of the updated ORMP 2020.

Based on MACZAC input, Ms. Lander has included the following in her interviews with agencies and other stakeholders: considerations of agency responsibilities and jurisdictions, capacity challenges, and the complex nature of management. Interviews to date have indicated that agencies are severely under resourced, especially for work involving non-point source pollution, since it is not legislatively mandated. Ms. Lander noted that the value of conservation is not being reflected in the amount that it is funded, particularly at the State level. Statutes are not coordinated across agencies, so any mandates that are in place require separate plans, demanding substantial resources. Coordination at all levels (Federal, State, local) and increased enforcement would both be beneficial.

VI. Review of Legislative Bills That Affect Office of Planning

Ms. Nihipali shared the following legislative updates:

- Act 152 renames the Office of Planning to the Office of Planning and Sustainable Development (OPSD) to reflect that OPSD coordinates across departments to balance different viewpoints. This bill will consolidate the Land Use Commission into the Office of Planning and Sustainable Development, while ensuring that LUC retains its policy independence.
- Act 153 transfers the Office of Environmental Quality Control from the Department of Health to the Office of Planning and Sustainable Development. This would also attach the Environmental Council to OPSD for administrative purposes, while ensuring that it retains its policy autonomy.
- Act 178 requires OSDP to coordinate with State departments with facilities in areas projected to be impacted by sea level rise, in order to create an inventory and plan for adaptations.

VII. Discussion Highlighting Critical Marine and Coastal Hotspot Issues and Next Steps

No hotspots were reported.

VIII. Public Input

Nancy McPherson, DHHL Planner, noted that she is tracking climate information for the Hawaiian Homes Commission to help them prepare for sea level rise. She appreciates the work that the State Climate Change Commission and OPSD/CZM are doing in this area.

IX. New Business

Ms. Nihipali shared that HCPO will be held virtually this year from October 4-8, as a lunch series, and MACZAC members are invited to participate if interested. The next MACZAC Quarterly Meeting will be held on Friday, November 19th, at 9:30 am on Zoom. A possible guest for the next meeting is Bob Bourke, an environmental scientist, to discuss storm drains and non-point source pollution.

X. Adjournment

Vice-Chair Coon adjourned the meeting at 10:47 am.