

DRAFT MINUTES

Friday, September 18, 2020: 9:30 am – 12 pm
Zoom Virtual Meeting

ATTENDANCE

- Members Present: Phil Fernandez, Jim Coon, Rich Brunner, Kimbal Thompson, Steve Mechler, Robert Nishimoto, Sue Sakai, Donna Brown, Nick Palumbo
- Members Absent: None
- Office of Planning/Coastal Zone Management (OP/CZM) Staff Present: Mary Alice Evans (OP), Justine Nihipali (OP/CZM), Lisa Webster (OP/CZM)
- Others Present: Hawai'i State Representative David Tarnas, Stephanie Bennett (NOAA), Luna Kekoa (DLNR/DAR), Casey Ching (DLNR/DAR), Kylie Pazcoguin (Student at St. Martin's University)

DISTRIBUTED MATERIAL

- MACZAC Meeting Agenda for September 18, 2020
- Minutes from June 5, 2020 MACZAC Meeting [Draft]
- CZM Report to MACZAC (September 18, 2020)

I. Call to Order

MACZAC Chair, Phil Fernandez, called the meeting to order at 9:30 am and welcomed everyone. Everyone in attendance introduced themselves.

II. Approval of June 5, 2020 Meeting Minutes

Jim Coon, MACZAC member, moved to approve the June 5, 2020 Meeting Minutes, and Donna Brown, MACZAC member, seconded. The minutes were unanimously approved by all members present.

III. Remarks

Mary Alice Evans, Office of Planning Director, deferred to Justine Nihipali, CZM Program Manager, for remarks.

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

Justine Nihipali, CZM Manager, provided a CZM Program Report highlighting the following:

National Initiatives

National CZM Program Funding

For FY 2020 (July 2020 – December 2021), the CZM line item increased by \$1,500,000 nationally for a total of \$77,000,000. CSO and state and territorial programs are requesting an increase of funding to \$87,000,000 for FY 2021. The State will receive \$2,516,000 this upcoming fiscal year in combined 306/309 funds.

Hawai'i CZM Program

- 9 of 11 (2 are 0.5 FTE) positions staffed (1/2-time Project Analyst)
 - CZM currently has two Project Analyst vacancies and will start recruiting.
- 1 intern position
 - The graduate intern position has been filled.

- CZM Website updated periodically (<http://planning.hawaii.gov/czm/>). Working on improving communications for consistency and currency. 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

- CZM submitted its final 5-year Section 309 Assessment and strategy (2021-2025) on May 8, 2020.
- Received approval from NOAA on June 30, 2020.
- CZM Staff contact is John Nakagawa

Routine Program Changes

- Staff is reviewing measures passed out of SLH 2020.
- Two measures affecting CZM directly are HB2486 HD2 SD2 (now Act 45, SLH 2020) and SB2060 SD2 HD2 (now Act 16, SLH 2020).
- CZM Staff contact is Shichao Li

Ocean Resources Management Plan

- Completed update. Hard copies printed and distributed to MACZAC.
- Staff capacity limited; working on distribution challenged by COVID-19.
- Dashboard – State contract was terminated with Socrata. Currently migrating to new platform OpenGov
- Current ORMP available online at (https://files.hawaii.gov/dbedt/op/czm/ormp/ormp_update_reports/2020_ormp_final.pdf)
- CZM Staff contact is Justine Nihipali [temporary]

Coastal Non-Point Pollution Control Program (CNPCP)

- Five remaining Management Measures (MMs) and one Administrative Element (AE)¹ require approval by NOAA/EPA: (1) Roads/Bridges/Highways (3 MMs remaining); (2) On-Site Disposal Systems (OSDS) (1 MM remaining); and (3) BMP Monitoring (1 AE remaining)
- Working with DOT, DOH, counties (planning departments, public works departments) on completing the above Management Measures. Received draft products for Roads/Bridges/Highways MM with County of Hawai'i DPW
- 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

- Office of Planning Director and CZM Program Manager serve as Commissioners on the Climate Change Mitigation and Adaptation Commission
- The next meeting will be held October 28, 2020 via web conference.
- 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 completed February 26, 2020. This is for

¹ The CZM Report to MACZAC dated 05/10/2019 erroneously reported three remaining Management Measures.

the high-resolution mapping for the island of Maui - on track. Submitted proposal in response to the project of special merit funding cycle due January 15, 2020 for Maui (Phase II) and Kauai Island (\$250,000). We were successfully awarded the full amount and presently are drafting an RFP for the final phase of the project.

- *Updating the Hawai'i Historical Shoreline Database*: Historical and future shoreline change rate GIS layers for Oahu are available online, and two web maps have been created for City and County of Honolulu planners. Consultant requested a no-cost extension to September 30, 2020 - on track. CZM Staff contact is Shichao Li

County CZM Projects

- Maui County was provided resources to update its Public Access database. Work has been completed and final editorial steps are expected prior to public launch - published. The viewer can be located at <https://mauishorelineaccess.net/101/Map-Viewer>.
- Kauai County was provided resources to update its Public Access database as well. To be completed June 30, 2020. Due to COVID-19 restrictions this project has been delayed. NOAA granted a 12-month extension for the award.
- DPP was provided resources to update its aerial seawall imagery database - completed.
- County of Hawai'i project: *Phase I Analysis to Establish Research-Based Shoreline and Riparian Setbacks*
- County of Hawai'i project: *Pilot Public Access Geodatabase Update*.

Other Initiatives

- Greenhouse Gas Sequestration Task Force. Two projects have been completed and CZM staff continues to support one project to meet objectives of Act 15, SLH 2018. The most recent meeting was held November 14, 2019. CZM Staff contact is Justine Nihipali.
- South Shore Promenade – Proof of Concept Study. CZM received a preliminary report from the contractor in March 2019. A final report is expected in April 2020. The 3 catalytic sites are: (1) Ala Wai area, (2) Keehi Lagoon area, and (3) Richardson Field/Pearl Harbor Regional Park. CZM Staff contact is Josh Hekeka.
- Hawai'i Congress of Planning Officials (HCPO). Office of Planning is hosting HCPO October 19-23, 2020 in partnership with the American Planning Association (APA), Hawai'i Chapter. The program will consist of a virtual lunch series.
- 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
 - Hawai'i 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
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Chair Fernandez asked if MACZAC members could attend the upcoming Climate Change Mitigation and Adaptation Commission Meeting. Ms. Nihipali noted that it is a public meeting and that it will be held on YouTube. Mr. Coon asked whether the Greenhouse Gas Sequestration Task Force focuses on deep ocean or terrestrial carbon sequestration. Ms. Nihipali responded that it's focus is primarily terrestrial and may also consider aquaculture. Ms. Nihipali added that Hawai'i has a large diversity of soil types and the soil models developed through the NRCS don't apply to the unique soils in Hawai'i. Chair Fernandez asked if the old Dashboard had the capacity to measure the number of people viewing the Dashboard and whether the new Dashboard will be able to do this. Chair Fernandez stated that he thinks this is a good way to measure public engagement. Ms. Nihipali responded that she wasn't sure if

either the old Dashboard or the new Dashboard has this capability but added that CZM will likely need to increase outreach and messaging for updates to increase Dashboard engagement.

V. Ocean Resources Management Plan (ORMP) Update

Ms. Nihipali also provided a brief overview of the 2020 ORMP update. Ms. Nihipali asked MACZAC members to let her know if anyone requests a hard copy of the plan, as there are some available. The focus of the ORMP update was to increase plan utility, simplify language and organization, and clarify the intention of the plan. There was also an effort to further incorporate traditional ecological knowledge (TEK), in direct response to working group members who are planners making decisions on land use, to help them integrate TEK into day-to-day decision making. The update also shifts towards a focus on implementation efforts by moving from 11 management priorities with 84 metrics to 3 Focus Areas. The 3 Focus Areas are: Development and Coastal Hazards, Land-Based Pollution, and Marine Ecosystems. The update retains some of the management priorities by identifying those as ongoing efforts of other agencies. The update provides further prioritization of the Focus Areas. There is also an internal alignment within CZM to parallel ORMP efforts with the development of our federally required CZM Program 5-year enhancement strategy plan. This alignment will enable the Hawai'i Ocean Partnership to access funding opportunities through NOAA Section 309 funding, which will be used specifically to support activities within the ORMP Focus Areas.

Outcomes of conversations with practitioners led to six themes presented as principles to consider in our CZM policies and practices and in the ORMP. The Introduction and Vision provide foundational background and describe the plan's purpose and approach. The Governance chapter provides information about partners' missions and their roles in reducing pressures on our ocean environment. There are many agencies with many different types of expertise and functions that are needed to address things collaboratively. For those who want to take a deeper dive, the in-depth foundational knowledge has been moved to the end of the document. Three areas were identified as management gaps which have become the three Focus Areas. Each Focus Area includes identification of the lead agency, some proposed Action Team members, agencies that are not currently involved in the plan but who have expertise in that area, and proposed components for goal success. Interspersed within the Focus Areas, the plan highlights existing plan partners' campaigns that contribute to the betterment of the environment. MACZAC can play a role in ORMP implementation through community engagement, participation on Action Teams, legislative support for ORMP implementation and funding, and linking hotspots to identify statewide issues.

Chair Fernandez noted that it might be helpful to hold public meetings to share the updated plan in order to continue engaging the public. Chair Fernandez also recommended that MACZAC have a PIG for each Focus Area, and suggested the following MACZAC members for each PIG: For the proposed Land-Based Pollution PIG, Chair Fernandez suggested that Kimbal Thompson, Steve Mechler, and Jim Coon would be good candidates. For the proposed Development and Coastal Hazards PIG, Chair Fernandez suggested Donna Brown, Rich Brunner, and Sue Sakai. For the proposed Marine Ecosystems PIG, Chair Fernandez suggested himself, Dr. Bob Nishimoto, and Nick Palumbo. Chair Fernandez added that if anyone wanted to be on two PIGs, that is also an option, but the maximum number of PIG members is four. Mr. Coon noted that he would like to be included on the Marine Ecosystems PIG.

Dr. Nishimoto suggested that HI-EMA's Community Emergency Response Teams (CERTs), which are highlighted in the ORMP update, and which currently consider hurricane and earthquake preparedness, might want to cover coastal hazards as well. Mr. Brunner suggested

that the ORMP Update link could be emailed out to the Community Stewardship Directory members.

VI. Guest Presentation: DLNR/DAR 30x30 Initiative

Casey Ching, 30x30 Planning Associate, provided an overview of DAR's HOLOMUA: Marine 30x30 Initiative. Ms. Ching explained that Holomua, in this case, means to progress or go forward in the sense that this is the starting point to manage Hawai'i's nearshore waters. 30x30 was born out of the Sustainable Hawai'i Initiative which encompasses 5 goals to sustain Hawai'i's natural resources before 2045. The 30x30 marine management goal was originally stated as '30% of nearshore marine areas effectively managed by 2030' but has been updated to 'effectively manage Hawai'i's nearshore waters with 30% established as marine management areas by 2030'. A second goal of 30x30 is to ensure that Hawai'i's marine resources will be available for present and future generations by working with communities to apply a whole suite of marine management tools that DAR and partner agencies have available. There is strong scientific evidence that an ecosystem can thrive if 30% of it is effectively managed. DAR is defining 'effectively managed' as fulfilling the goals and objectives of each area. This will change with every Marine Managed Area (MMA) and with the goals and objectives of the broader nearshore waters of Hawai'i as well. The 30x30 area is defined as all State waters from the high tide water mark to 164 feet (50 meters) below sea level. The goal is to manage 30% of nearshore waters for each of the main Hawaiian Islands, and will address the entire nearshore marine ecosystem. Effective management connects to mauka actions including land-based pollution and sedimentation. Some of the threats to our nearshore waters include degraded fisheries. Effective management may require rules to protect herbivores to allow adequate grazing of reefs. This would decrease coral reef degradation and die-off during bleaching events. Nearshore marine ecosystems are important resources for the people of Hawai'i. Coral reefs are valued at \$360 million/year, nearshore fisheries at \$10-16 million/year, and shoreline protection at \$835 million/year. Local food production provides 7 million meals/year. The 30x30 vision is to have healthy nearshore ecosystems and abundant resources that allow the people of Hawai'i to enjoy coastal waters, support local livelihoods, and feed our families. The principles guiding the 30x30 process include transparency, inclusivity, and place-based planning. Decisions should be informed by science and Hawaiian culture and should be adaptive and partnership oriented. 30x30 is rooted in four management pillars: place-based planning, pono practices, monitoring, and protection & restoration. Place-based planning will convene fishers and community members to work with the state to build a cohesive, ecologically connected network of areas for improved marine management (at least 30% of each main Hawaiian Island). There will be different kinds of marine managed areas, depending on the community's needs. Examples include Community-Based Subsistence Fishing Areas (CBSFAs) and Herbivore Management Areas (HMAs). There are currently 58 MMAs encompassing about 6% of our nearshore waters, and 4 MMAs which are in the process of being planned which will add another 3% to the total existing managed area. All existing MMAs will be evaluated, with community input, to make sure that they are being effectively managed. DAR will look at interactions between MMAs as well. Pono practices including education and outreach, improved regulations, and strengthened enforcement will be used to increase responsible behavior to minimize the impact of human activities in Hawai'i's nearshore waters, establishing a kuleana for these areas. Monitoring will measure and document current conditions and use collected data to inform new and updated management actions, allow for adaptive approaches, and ensure progress can be tracked over time. This will include community monitoring initiatives. Protection and restoration will build on existing strategies to prevent further damage to fragile nearshore ecosystems and expand efforts to restore and enhance areas in need. Local threats include invasive species, physical damage to the reefs, and overfishing. Global effects include

coral bleaching events. What can DAR provide to Hawai'i's communities to help them protect and restore nearshore ecosystems?

To get to 30x30, DAR will support diverse stakeholder engagement opportunities, community-led initiatives, and interdisciplinary stakeholder advisory groups, while re-evaluating existing MMAs, and possibly developing statewide rules. The 30x30 process will include presentations to broad audiences and smaller talk story sessions as needed, will support community-led efforts, will enlist interdisciplinary stakeholder groups to inform management activities, and will incorporate multiple opportunities for public input for both existing and future MMAs. DAR is developing a management plan guide, a classification system (CBSFAs, Marine Life Conservation Districts (MLCDs), etc.), and design principles to help guide the process. A public document, *The Roadmap to 30x30*, will be available by the end of October 2020. Public input is encouraged through attendance of scoping meetings and hearings, and by providing oral and written testimony. For more information and to receive updates, sign up for DAR's 30x30 listserv (<https://dlnr.hawaii.gov/dar/keep-me-informed/>).

Chair Fernandez thanked Ms. Ching for her presentation and noted that MACZAC members would like to check in with the 30x30 team at either the next MACZAC meeting or the meeting after that to hear about their progress and allow for an in-depth discussion. Ms. Nihipali shared that CZM And DAR have started discussions to figure out how to best move forward and will be meeting regularly as well.

Mr. Coon and Mr. Palumbo both expressed an interest in working with DAR to share the 30x30 plan with their own communities. Mr. Palumbo noted that the deer on Lāna'i are overgrazing and causing additional erosion. Chair Fernandez stated that there is a Game Management Advisory Commission at the State level, and that MACZAC could request their Chair to provide a presentation to discuss the issues that they work on.

VII. Marine Ecosystems PIG - Action Item: Vote to Create PIG and Establish Membership

Mr. Coon made a motion, and Mr. Mechler seconded, to create the Marine Ecosystems PIG with the following membership: Chair Fernandez, Dr. Bob Nishimoto, Nick Palumbo, and Jim Coon. The motion was unanimously approved by all members present.

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

Maui – Ms. Brown and Mr. Coon shared the following Maui hotspots:

- Ms. Brown shared that there is another large development proposal at Olowalu, and this is an area with coastal erosion and no infrastructure and has one of the last healthy reefs on Maui. A hearing is in the works, but it is unclear when the hearing will take place.
- Mr. Coon shared that there is massive beach restoration project planned for Kā'anapali Beach which will raise the sand 3-4 inches and will take about 6 months. The sand will be mined from offshore using a clamshell dredge and will be a different consistency than what is currently there. If this is successful, it might be something that could be done in conjunction with future harbor dredging efforts. MACZAC could encourage cooperation between the agencies that coordinate these efforts.
- Ms. Brown added that Napili Bay is also planning a beach restoration process.

Lāna'i – Mr. Palumbo shared the following Lāna'i hotspot:

- In addition to deer overgrazing, there is construction occurring on the east side of the island on the road that connects Manele to Nala and Club Lāna'i. This is a dirt road which is being widened to 80 feet wide, being made into a highway. This will lead to hundreds of thousands of tons of dirt being washed into coastal waters when it starts raining. Ms. Sakai noted that

that type of work requires permits and erosion control plans. A marine environmental survey and monitoring during construction would also be helpful.

O'ahu – Mr. Thompson discussed the following O'ahu hotspot:

- Mr. Thompson noted that there is a large new development in the works at the old Anderson Estate, located in Waimanalo, best known from the original Magnum P.I. television show. The development has been linked to former President Barack Obama. There used to be a turtle sanctuary adjacent to the property, and there are seawall issues that will need to be addressed. Mr. Mechler stated that the project skirted many rules by splitting the property into 3 separate just-under-the-limit lot sizes, and that it is unfortunate that this was allowed to happen.

IX. Public Input

Representative David Tarnas thanked MACZAC members for their efforts. He noted that MACZAC efforts do make a difference, and it is helpful to hear MACZAC member perspectives on coastal issues.

X. New Business

The next MACZAC Quarterly Meeting will be held on Friday, December 4th, at 9:30 am on Zoom. MACZAC members would like to add to the next meeting agenda the creation of two PIGs; one for ORMP Focus Area I - Development and Coastal Hazards, and one for ORMP Focus Area II - Land-Based Pollution. There is also an interest in meeting with DLNR/DAR's 30x30 team again to monitor 30x30 progress and have a conversation about what is being learned through community outreach efforts. MACZAC members are also interested in hearing from the Game Management Advisory Commission (GMAC), and Chair Fernandez asked Mr. Palumbo to work with Lisa Webster, MACZAC Administrative Support, to invite the GMAC Chair to speak at the next MACZAC meeting. Ms. Nihipali requested MACZAC Chair and Vice-Chair consider adjusting the language for letters of support to Hawai'i's congressional delegation. The letters of support are included with annual requests for federal appropriations to continue the CZM line item nationally.

XI. Adjournment

Chair Fernandez adjourned the meeting at 11:51 am.