

Hawai'i Ocean Resources Management Plan Coordinated Working Group

Meeting Summary

August 5, 2021
9:00 am – 12:00 pm
Zoom Meeting

Present:

| | Name | Agency/Organization |
|----|------------------------|--|
| 1 | Barcina, Keelan | OPSD-CZM |
| 2 | Bennett, Stephanie | NOAA OCM |
| 3 | Black, Cameron | HSEO |
| 4 | Buika, Jim | Maui County Planning Dept |
| 5 | Chang, Sarah | OPSD-CZM |
| 6 | Chikasuye, Katia | HI-EMA |
| 7 | Coon, Jim | MACZAC |
| 8 | Derrickson, Scott | OPSD-LUC |
| 9 | Eisen, Thomas | OPSD-ERP |
| 10 | Fletcher, Chip | UH SOEST |
| 11 | Fukawa, Janice | US Navy |
| 12 | Gerard, Rodney | HDOT-HWY |
| 13 | Habel, Shellie | UH Sea Grant & OCCL |
| 14 | Harper, Doug | Malama Maunaloa |
| 15 | Hee, Brandon | HDOT-HWY |
| 16 | Hekeia, Joshua | OPSD-CZM |
| 17 | Hughes, Kira | HIMB |
| 18 | Idica, Romio | Kauai County Planning Dept |
| 19 | Iwashita, Darcey | DOH-CWB |
| 20 | Lander, Melanie | UH Sea Grant |
| 21 | Langenberger, Fiona | PacIOOS |
| 22 | Li, Shichao | OPSD-CZM |
| 23 | Low, Todd | HDOA – Aquaculture Program |
| 24 | Maeda, Troy | DOH-CWB |
| 25 | Markel, Amy | DLNR-DAR |
| 26 | McPherson, Nancy | DHHL |
| 27 | Morikuni, Kyson | Enviro Services (consultant to HDOT-HWY) |
| 28 | Nihipali, Justine | OPSD-CZM |
| 29 | Payne, Sierra | DOH-CWB |
| 30 | Perez, Kaipō | US Navy |
| 31 | Romine, Brad | UH Sea Grant & PI-CASC |
| 32 | Sayegusa, Jodi Higuchi | Kauai County Planning Dept |
| 33 | Schafer, Monique | HSEO |
| 34 | Sullivan, Kevin | Hawaii County Planning Dept |

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|-----------|------------------|---------------------------------|
| 35 | Tadj, Yusraa | OPSD-CZM |
| 36 | Woznick, Theresa | HI-EMA |
| 37 | Yee, Alex | City & County of Honolulu OCCSR |

Welcome & Introductions

Justine Nihipali, Program Manager, Coastal Zone Management Program (OPSD-CZM), welcomed participants to the Coordinated Working Group (CWG) meeting. Participants introduced themselves and the organizations/agencies they were representing.

Office of Planning and Sustainable Development Updates

Justine Nihipali shared that during the recent legislative session, Act 152 and Act 153 consolidated two existing land use programs into the Office of Planning. And renamed OP to the Office of Planning and Sustainable Development (OPSD).

Representatives from the two land use programs briefly presented on the transition and how it will and will not impact their operations.

- Land Use Commission– Scott Derrickson, Chief Planner on behalf of Dan Orodener, Executive Officer
 - The Land Use Commission (LUC) is a nine-member volunteer commission responsible for setting state land use boundaries across the islands.
 - A policy and budget firewall separates LUC and the state agency under which it sits, so there is no undue influence. LUC staff report directly to the Commissioners.
 - The transition to being administratively attached to OPSD creates no jurisdictional changes. Most of the changes are on the administrative and paperwork side.

- Environmental Review Program (formerly OEQC)– Tom Eisen, Planner
 - The transition from DOH to OPSD does not result in any operational changes for ERP. They will continue to facilitate and the HEPA process and support the agencies that make determinations.
 - ERP staff will have new email addresses - TBD
 - There is no anticipated conflict of interest as consultation and comments on EA/EIS are done by LUD/CZM/Sustainability Branch staff, not ERP. Additionally, the program is non-regulatory.

Hawai'i Coastal Zone Management Program Updates

Justine Nihipali gave provided the following HCZMP updates:

- Hawaii Silver Jackets Team is official
 - The Hawaii Silver Jackets team has been officially recognized by the USACE and will operate within the ORMP framework

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- Thanks to Ben Reder and Jeff Herzog (USACE) for their guidance through the process, as well as DLNR, HI-EMA, UH Sea Grant, NOAA OCM and FEMA Region 9 for their support.
 - Awaiting next steps from USACE, but we are excited to leverage the groups resources to implement ORMP goals.
- Council meeting recap
 - Held an ORMP Council meeting on July 2nd
 - Main content was reporting out on the progress of actions within the three Focus Areas
 - Next Council meeting is January 6th, 2022

Communication and Outreach Knowledge Share

Sarah Chang, Project Analyst (OPSD-CZM), introduced the “knowledge sharing” forum. As the ORMP moves into the implementation phase, OPSD-CZM would like to focus on action and coordinating efforts. This “knowledge sharing” forum offers the opportunity for more in-depth discussion around ORMP partner initiatives. It is similar to a Communities of Practice model which focuses on building collective knowledge around a shared goal.

This meeting’s “knowledge share” topic was communication and outreach initiatives and featured six presentations grouped by the initiative’s primary audience. Following each group of presentations was an open discussion.

Group 1 featured communication and outreach initiatives focused on stakeholder engagement.

Fiona Langenberger, PacIOOS - West Maui Wave Run Up Forecasting Model

- Project Background: West Maui is heavily impacted by coastal flooding and erosion and there was an identified need for a tool to help with preparedness. PacIOOS, in collaboration with several partners worked to develop a model that would provide a 6-day forecast, as well as a series of long-term planning scenarios. The project started in October 2017 and is nearing its funding end.
- An advantage of the project was having a very defined region (West Maui) which allowed for easier identification of stakeholders, which the project split into three groups:
 - Agency Partners (Input group)
 - Primarily representatives from state and county agencies, academia, etc.
 - The group served as technical advisors and provided input on the project, clarified technical questions, and expanded the list of people to involve.
 - Served as beta-testers to evaluate the tool and website
 - Site Specific Stakeholders
 - Homeowners, property managers, business owners, nonprofits, etc.
 - Interaction started with two in-person workshops to introduce the project and ask the community for support in ground-truthing high wave events via pictures which were used to inform and adjust the model
 - Close collaboration with UH Sea Grant’s King Tides project

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- Communication with this group was on-going through the entire project and was key for getting community buy-in.
 - Other Stakeholders
 - Consultants and others with an interest in the area
 - Provided workshops to inform other stakeholders on the project.
- The website and tool were rolled out in June – those who participated in the process (including community members) were given notice before the public release. The public release was covered by Associated Press.
- Public webinars on the tool are ongoing and outreach is continuing beyond the project
- Challenges: Attendance was a wild card. Advice from the CWG on strategies to encourage participation?
 - Suggestion to offer stipends for participation

Amy Markel, DLNR-DAR – Ocean Acidification Action Plan

- Project Background: In 2018, Hawaii joined the International Alliance on Ocean Acidification, a global initiative. As part of the alliance, Hawaii agreed to voluntarily write a state Ocean Acidification (OA) action plan. Currently, the project is in the development stage with initial outreach to stakeholders to help inform the plan. The goals of the action plan are to (1) advance the understanding of OA, (2) reduce the causes of OA, (3) create adaptive and resilient coastal communities, (4) extend public awareness, and (5) build sustained international support for OA efforts (Goals were approved by the HI Climate Commission).
- Initial outreach efforts are primarily done by joining various collaborative groups (like ORMP) to develop network partnerships. By understanding what other partners are striving for, DAR can frame their conversation on how OA is relevant to partners' current work and goals.
- Other outreach methods include a one-pager (general information), talking points (for higher level discussion), public webinars and division webinars to explain current status of OA in the state, and to share the OA plan framework
- Within Goal 4: Increase public understanding of OA there are currently 3 objectives
 - Increase awareness about ocean-climate issues and OA in the government and legislature
 - Engage local stakeholders (ex. Individuals with a vested interest, aquaculture, fish pond practitioners, etc.)
 - Educate the general public about OA
- Question for the group: Are there other audience groups that are missing? Need for intra-department education?

Kevin Sullivan, Hawai'i County Planning Dept – Shoreline Pursuit Project

- Project Background: A multi-phase project aimed at creating a baseline understanding of Hawaii County's shoreline and vulnerabilities. Phase 1: Identifying, mapping and analysis of coastal and riparian hazard vulnerabilities; Phase 2: research & comparative analysis of coastal and riparian management tools and research-based setbacks; Phase 3: Recommendations, stakeholder engagement, and policy development.

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- Currently, the project is working to compile spatial data and identify what data is needed.
- The outreach effort is anticipated to start in late 2022; 18-20% of the budget is designated for outreach and communication
- Proposed public communication methods include a StoryMap and online viewer
- Goals of the outreach effort include:
 - Incorporating peer review into any findings and study results
 - Garnering public support for any resulting policies
 - Leveraging partnerships to encourage project sustainability

Group Discussion

- How does DHHL communicate with their stakeholders/lessees?
 - Typically, in Molokai, DHHL tries to maximize in-person interactions, but Covid has made things very difficult. Challenges in reaching people via email, mailing hard copies has high costs.
- Is the DAR OA Plan looking at students as a stakeholder group?
 - The plan does include updating K-12 materials and science kits with more updated and local-based knowledge
 - Efforts to involve University-level students with water testing and data collection
 - Potential partnership with Hawaiian Islands Humpback Whale NMS to move a CO2 monitoring buoy to Olowalu
- Need for each stage of the project to have its own communications plan, in addition to the main project/big picture communications plan
- In RFPs, include communication, outreach, documentation of “success stories,” etc. in scope of work for contractor to complete.

Group 2 featured communication and outreach initiatives targeted towards the general public.

Doug Harper, Mālama Maunalua (MM) – Restore with Resilience, Hana Pūko‘a

- Project Background: The Restore with Resilience Initiative is a core partnership of HIMB, NOAA, DAR, Kuleana Coral Restoration and MM. The initiative has 3 locations, one of which is Maunalua Bay. Hana Pūko‘a is a monthly public event aimed at restoring coral in the area. Corals of opportunity are collected and tagged. During Hana Pūko‘a events, the public assists with basic scientific assessment and fragmenting. Fragments are sent to HIMB for resilience testing. When more temperature resilient fragments are identified, the team goes back to the source colony to fragment and replant it around the Bay.
- MM leveraged their already existing group of committed volunteers, expanded advertising through public sign ups, media, etc.
- Intentional diversity in partnerships (ex. Marine debris, surfers, forest restoration, etc.) in order to break into new audiences and show connections between coral restoration and other conservation efforts.
 - Hana Pūko‘a events include educational booths where partners offer other restoration activities (ex/ building seed bombs).

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- The events have monthly themes (Sept – Beach clean ups, Oct – Fishermen) to further target diverse audiences.
- Local businesses offer discounts/giveaways as incentive for participation and attendance
- MM also has a NOAA B-WET grant to do in-school education activities about coral restoration
- In the future, the hope is that HIMB can implement this model somewhere else on the island, and MM will continue the effort in Maunaloa Bay as an MM initiative.
- Video from the first Hana Pūko‘a event: <https://vimeo.com/566854847/c4b1fa6693>

Rodney Gerard, HDOT-HWYS, O‘ahu District – Mālama I Ka Wai (Stormwater Outreach)

- Project Background: HDOT jurisdiction transects multiple watersheds and they serve a large audience. The Stormwater Outreach program is focused on growing stormwater awareness and understanding amongst the general public.
- Keiki education is major part of current outreach program. The goal is to create lasting behavioral changes. Additionally, students often share information with parents, teachers, caregivers, etc. HDOT has a partnership with DOE and education is done through classroom presentations, worksheets and hands-on models.
- Covid pandemic forced a change in approach, and HDOT launched an online learning series in Dec 2020. The animated videos are led by Hawaii Storm Patrol characters and is accompanied by a booklet and quizzes. An Instructor’s Guide is available for parents and teachers.
- MVNP (media/advertising consulting firm) was used for animations, graphics, quizzes and the website.
- In the future, the goal is to expand out of elementary schools and target older students as well.
- Links shared in the chat:
 - <https://www.stormwaterhawaii.com/hawaiistormpatrol/>
 - <https://hidot.hawaii.gov/highways/hdot-remote-learning-website-wins-silver-at-2021-pele-awards/>
 - www.trashfreehawaii.com

Alex Yee, City & County of Honolulu-OCCSR – Climate Ready O‘ahu

- Project Background: OCCSR is developing resiliency strategies focused on 5 major climate impacts. Covid had huge impacts on their outreach plans, which centered on in-person engagement
- Oct 2020: Started a series of virtual public workshops
 - 1st meeting: Focused on values; What are most important values that should be reflected in the plan (Top 2 themes: equity/community and pono)
 - 2nd meeting: Identification of 5 adaptation areas; used the annotate tool on Zoom so participants could mark up maps
 - 3rd meeting: Opinions/preferences between different adaptation strategies, used Menti for live-polling software
 - 4th meeting: Feedback/reaction to a tool that would ensure that partner agencies are considering equity in implementation of resiliency projects; used the annotate tool for polling/voting

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- Vision of Oahu: community art project
 - Asks the public to draw, paint, photograph, write a poem, etc. of their vision of a resilient future O’ahu
 - Targeting every Community planning area and every council district
 - Mostly done by visiting farmers markets and other existing community events
 - Decent engagement, but not confident they are reaching frontline communities
 - Next step: to develop partnerships with existing community-based organizations within target communities as an avenue of communication (“bridge organizations”)
 - Looked into compensation for “bridge orgs” and participants, but there are funding challenges
- Next steps: Late fall/Early winter: public workshop to get reactions to draft actions
 - OCCSR commissioned a poll (phone/web) to get statistically valid data on public opinion on various resilience strategies to understand how people perceive tradeoffs
- Looking for suggestions of “bridge organizations”

Group Discussion

- How did DOT establish the partnership with DOE? How were they able to incorporate stormwater into curriculum?
 - The partnership with DOE has been long-standing, pre-dating this effort.
 - For the Stormwater initiative, HDOT is proactive in contacting schools. They target schools in key watersheds (those with stormwater issues). HDOT gives presentations to any school that will champion initiative.
 - Presentations are well received by teachers. Materials are geared towards 3rd graders because of content alignment with curriculum requirements.
 - Teachers now reach out to HDOT to request presentations; students recognize the Storm Patrol characters.
 - Sticker book – passive effort, sent to all schools on O’ahu, accompanied with links to more resources
 - After Covid, the plan is to go back into schools and use the virtual lessons as an extension
- Personnel dedications to outreach and communications?
 - MM: Has an education/outreach staff person responsible for social media, email listserv communications, school events, etc. MM relies heavily on partners to share events/information on their platforms. 9 interns, usually at least one working on outreach materials. Events are staffed by interns, and MM is training some of their long-time volunteers to be “core volunteers” who can eventually lead events.
 - HDOT: Enviro Services consulting company makes sure HDOT is in compliance with MS4 permit; the direction of the communication plan is dictated by HDOT employees
 - OCCSR: 20 staff, half are AmeriCorps VISTAS. Best practice is to scope outreach into RFP. Current project did not include outreach in the budget and it is all being done in house. It is not a sustainable model, and puts a burden on staff.

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- How did OCCSR initially plan for outreach, and what has been the reception to the virtual format?
 - Originally, the public engagement plan included a series of open houses around the island, participation in emergency preparedness fairs, and online surveying. Due to Covid, all those in-person interactions had to be changed.
 - Attendance was a challenge – How do you notify people? How do you encourage people to attend?
 - Learned Zoom best practices include: make it interactive, set ground rules, get consent for recording and then make it available for asynchronous participation.
- Innovative funding strategy which could be used to support outreach/communication efforts:
 - Special Management Area Revolving Fund – Maui County Ord No 4882. Collects fees and fines from SMA permits and puts it into a fund that’s use is at the discretion of County Planning Department
- NOAA and some partners have funding for education efforts and DEIJ/community engagement. Reach out to Stephanie Bennett for more information.
- Maui Economic Development Board created a program to educate and train teachers on renewable energy topics. It is up to the teachers to decide how to integrate the topics into their lessons/curriculum.

ORMP Updates and Announcements

Cameron Black, HSEO: HSEO is continuing to collaboration with BOEM /NREL on offshore wind study. Target publication is Sept/Oct 2021

<https://www.boem.gov/sites/default/files/documents/regions/pacific-ocs-region/environmental-analysis/Hi%20Cost%20Study%20Fact%20Sheet.pdf>

Kevin Sullivan, Hawaii County Planning Dept: The County is rolling out new online permitting system and launching its first Public GIS Database portal:

<https://gis.hawaiicounty.gov/arcgisportal/apps/webappviewer/index.html?id=5ed073b5e41f4e0fa90f88e36b97a690>

Katia Chikasuye, HI-EMA: The Biden administration announced it would be providing states with climate resiliency funding. Hawaii will be receiving \$24 million. <https://www.gadgetclock.com/biden-announces-record-amount-of-climate-resilience-funding/>

Next Steps & Housekeeping

Next Meeting Date – November 4, 2021

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CWG participants are welcome to send any feedback on today's "knowledge share" format, including any topics for future meetings, with Sarah Chang.

Adjournment

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