

## State Hazard Mitigation Forum | 2022 Quarter 3 Meeting Minutes

**Event:** 3<sup>rd</sup> Quarterly Meeting of 2022

**Location:** Hybrid in-person/virtual

**Date:** Tuesday, August 24, 2022

**Called to order:** 9:30 AM HST

### I. Meeting Attendees

#### Present Forum Leadership & Staff

1. Luke Meyers, HI-EMA Administrator
2. David Kennard, Forum Chair
3. Kelsey Yamanaka, Acting SHMO
4. Amber Ternus, Disaster Recovery Specialist
5. Katia Chikasuye, Forum Executive Assistant

#### Present Voting Members

1. David Kennard, KEMA
2. Lisa Webster, OPSD CZM
3. Barry Periatt, Hawaii County Civil Defense
4. Jan TenBruggencate, KIUC Board
5. Jim Buika, Maui County Planning
6. Dr. Pao-Shin Chu, SOEST
7. Ed Manglallan, City & County of Honolulu Council
8. Jonathan Chin, HSEO
9. Tara Owens, UH Sea Grant, Maui County Planning
10. April Suprenant, Hawaii County Planning
11. Michael Walker, DOFAW
12. Michael Moule, Kauai County DPW
13. Danielle Bass, OPSD
14. Raelynn Nakabayashi, BWS

#### Present Ex Officio Members

1. Carol Tyau-Beam, DLNR
2. Edwin Matsuda, DLNR
3. Jizella San Andres, DLNR
4. Jennifer Walter, DEM
5. Ernie Lau, BWS
6. Gina Albanese, MEMA
7. Howard Wiig, HSEO

#### Absent Voting Members

1. Jimmie Collins, OHS
2. Pam Eaton, Maui County Long-Range Planning
3. Diana Felton, DOH
4. Genevieve Sullivan, DOT Highways
5. Bethany Morrison, Hawaii County Planning

**II. Opening Remarks & Introductions**

- a. Acknowledgement and thanks to:
  - i. Amber Ternus, Disaster Recovery Specialist and SHMP Update Strategist
  - ii. Kelsey Yamanaka, Acting State Hazard Mitigation Officer
- b. Tabling Forum Vice Chair nominations to later meeting (likely November)

**III. Strengths, Weaknesses, Opportunities, and Threat (SWOT) Results**

- a. Useful exercise that lead to 7 action items for the Forum:
  - 1. Support SHMP update
  - 2. Support building code updates and enhancements
    - i. Reach out to SBCC and County building code councils.
  - 3. Support HI-EMA EMAP process (Emergency Mgmt Accreditation Program)
  - 4. Re-invite FEMA to participate in Forum
  - 5. Reach out to building code officials, floodplain managers, request presentations, how can we support their mitigation projects
  - 6. Climate change, SRL, social justice, NBS initiatives
  - 7. Develop an onboarding process for Forum members

**IV. Resilience Hubs Statewide Project Presentation, Francis Kau, HI-EMA IA Lead**

- a. Under blue skies provides planning and support for community functions. Under grey skies serve as distro point, info center, coordinating nexus. Post-disaster provides comm leadership, unity of command, first aid, food distribution, limited sheltering, information, ability to recharge cell phones so folks can get back to normal. Look at existing community resources and how can we augment them?
- b. Forum comments & discussion
  - i. Kauai currently will setup resiliency hubs under tents. Firefighters wake up at 4am to setup tents for food distro hubs so this is a huge need (JT).
  - ii. Needs to be clear which aspects of these facilities are preparedness, what degree are they reducing impact, risk, what degree is it mitigation (DK)?
  - iii. Are these resiliency hubs actually connected to plans? Is there some degree of local planning around these? Overly broad needs to be defined better for Hawaii (JW).
  - iv. Resiliency hubs have so many definitions and are community driven, community really dictates what they should be. What can EM at the state level do to support the counties in their preparedness and response to a disaster. What kind of services need to be provided in response to a disaster (LWL)?
  - v. Agreement that this should be county-driven and Forum/State can aid by determining which components we can support (DK).
  - vi. Vibrant Hawaii (HI Island Resiliency Hub) wants to be able to provide support and reach out to community during blue skies. They know we are looking to them as a funnel to put support into. They don't want us to take them over, want to be allowed to continue their work unheeded. By having Resiliency Hubs as a mitigation action in the plan, there are additional funding opportunities that can be pursued (BP).
  - vii. Lanai and Molokai need resiliency hubs in case airports are ever down. Tap into hotel industry. (JB)

- viii. Maui, Kauai high wind-storms. Current science allows us to predict when a big storm is coming. The spatial resolution is improving from 300mm to 100mm. Temporal resolution not as good, exact timing (Dr. Chu).
- ix. 2018 lava flow, Keaau high school served as the resiliency hub, providing all kinds of services. 2006 Kīholo earthquake in N. Kohala, community is insulated and were resistant to outside help unless folks from their own community were participating and acknowledged (LK).
- x. Once resiliency hub was in City & County plan, community expected DEM to be coordinating entity and it seemed less community-driven. When we get requests for brand new buildings, which are preparedness, and which are mitigation? Are we focused on non-profits? Need to provide expectation management if the state is pursuing this (JW).
- xi. Idea is to submit this project as a HMGP 5% initiative project (no BCA needed) to open up HMA mitigation dollars. Determine where current hubs are, what services are already provided, where additional hubs should be located, and what additional services are needed (JG).
- xii. Next steps and opportunities. Flush out before adding to plan. At a minimum, the language that should be included and discussion on eligibility parameters, under HMA funding, preparedness funding, other federal/state/county interest and funding. Francis to hammer down with David and Larry. Otherwise, we are opening ourselves up to a lot of expectations that we may or may not be able to manage. Debate is whether we want to flush out project more or add to plan as-is? What are the core functions? For plan update, we need to have a definition and specific actions. Ask Forum for specific language/definition and sphere of responsibility for executing these. Should delineate in the plan that this is county-driven. Amber to follow-up with consultants to see what drop-date is the include new mitigation actions for the 2023 update (AT).
- xiii. Jan Tenbruggencate moves to put resiliency hubs on next agenda with expectation that staff will provide information needed to make a decision. Lisa Webster seconds the motion.
- xiv. Will bring this up again at the 11/30/22 Forum meeting. Still allows for time before the FEMA submission deadline 2/2/23.
- xv. HI-EMA is working on developing an annual review process for the SHMP with regular updates. That will make the 5-year update much easier.

**V. BRIC Updates**

- a. Projects to-date
  - i. FY20 Awards
    - 1. Honolulu Board of Water Supply: Emergency Power Master Plan - \$75K
    - 2. KCC/DOE: Microgrid at Kaimuki Middle School - \$375K
    - 3. OCCSR: Project Scoping Options for SLR - \$150K
  - ii. FY21 "Identified for Further Review – Round 1"
    - 1. DOT Airports: Microgrids and Transportation Resilience Hubs - \$475K
    - 2. City & County of Honolulu, DPP: Kapalama Canal Flood Control - \$300K
    - 3. City & County of Honolulu, OCCSR: LHMP Update - \$200K
- b. FY22 NOFO Information
  - i. App opens 9/30/22
  - ii. App closes 1/27/23 at 9AM HST

- iii. \$2.295 billion available combined competition and set-aside
- iv. \$2 million set-aside includes the following activities:
  - 1. Project scoping
  - 2. Building codes
  - 3. Partnerships
  - 4. Hazard Mitigation Planning
- v. Up to \$50 million per competitive project for construction/infrastructure mitigation projects
- vi. BCA requirement has been removed for communities with a CDC SVI score greater than 0.80
- vii. New reporting requirements to comply with the Build America, Buy America Act
- viii. Technical criteria has expanded the EDRC criterion to incorporate communities with a CDC Socially Vulnerable Index of 0.6 or higher
- c. Current challenges
  - i. Building Codes – FEMA reported that the states of Wisconsin and Wyoming were competitive this year even without state-level building code points. Katia is investigating via SHMO-network.
  - ii. Understanding Qualitative Review Memos provided for each competitive project, unclear how FEMA created these report card scores.
    - 1. Assumption is that projects didn't make it past the Qualitative Review and onto the National Technical Review Panel.
  - iii. Coco Palms received a score of 86% with the lowest scoring in the "Population Impacted" section – indicates that narrative needs to indicate how the project will reduce and benefit community more.
- d. HI-EMA priorities for FY22 set-aside includes BCEGS, building codes, and nature-based solutions.
  - i. For Kauai districts, there are no communities with a CDC SVI score of 0.6 or higher. More important to focus on building codes and BCEGS. Went through qualitative and technical review criteria with regards to Coco Palms resort acquisition. CDC SVI and building codes are bringing Hawaii applications down.
    - 1. What about higher construction costs associated with stronger building codes and how we can offset those costs? Building a portion of the home to a higher standard so that post-disaster there is still a living space available for families to use.
  - ii. CRS and BCEGS programs will help to offset these costs. Need to do a BCA to determine. If community is interested in making lower-cost housing available to the community, there needs to be fundamentally different communities. Kauai county is planning on submitting BRIC application for building code outreach. Here are the benefits, here are the costs, short-term higher costs will be offset by lower maintenance costs or by having their home intact post-disaster. People need to understand what their actual risks are.
  - iii. Amber asked FEMA about amendments to building codes for tropical climates.
  - iv. Brief update on HI County broadband project. FEMA/Census coordination on CDC/SVI. Current calculation does not benefit Hawaii so we are exploring a 3rd category of rural/economically disadvantaged communities for Hawaii, Puerto Rico, American Samoa, and Guam.

- v. Hawaii wants to develop a Building Code strategy, want to model off of the 2018 Puerto Rico Building Code enforcement project (\$80 million in HMGP 404 funding) that supports an island-wide program to enforce planning, zoning requirements, permit regulations, and code enforcement.
- vi. For Nature-Based Solutions, looking to Puerto Rico (San Juan Metro Coral Reef Barrier Restoration Project) as they are working on getting FEMA HQ approval for coral reefs as a facility under the Public Assistance program, opening reefs up to 406 and 404 mitigation funding.

**VI. FMA Updates**

- a. Same application open and close dates as BRIC, also submitted through FEMA.GO.
- b. \$800 million available in funding.
- c. HI-EMA is coordinating with DLNR Flood Control and County Floodplain Managers to identify eligible FMA projects and understand how to maximize the funding.

**VII. HMGP DR-4510 Update**

- a. State application deadline has been extended until 2/1/2023, though we are trying to work like we do not have a time extension. This is in case additional HMGP funding opens up. We still want to submit projects asap, as they are ready. The 36-month POP starts 2/1/23 so better if projects can be done or partway through review at that point.
- b. Approximately 13 subapplications have been reviewed and RFI's have been issued. There is a greater funding request than available funds.

**VIII. BATool Training**

- a. BATool training on Tuesday 8/30/22 from 10-11. HI-EMA to do a better job tracking HMP mitigation actions. Should be collecting status information annually so we can evaluate old actions and see if they are rolling to the new plan or new actions to include. FEMA requirement. Determine what moved on to the next version of the plan. Developed by TT to track HMP actions.
- b. Not all entities represented by the Forum have mitigation actions in the plan. And many others who are not on the Forum who do have mitigation actions. Training will be how to input tracking and status information into BATool.
- c. If a Forum member is not the appropriate POC for a mitigation action, please let us know who we should be reaching out to. Goal is to develop an annual review process that will streamline 5-year update cycle. SME's will primarily be using the BATool.
- d. Adequate answers include: project hasn't started, project complete, project no longer relevant.

**IX. SHMP Update Timeline**

- a. Reviewed SHMP calendar meeting schedule for 2022 to 2023. 10/12, 11/30, 3/1/23, 6/7/23, 8/30/23, 11/29/23. Public listening sessions/meetings, 2 sets (2<sup>nd</sup> week of December with draft analysis, early spring with full draft).
- b. SHMP Update Timeline: Gantt Chart overview. R9 will review first, can take up to 45-days. Gov approves by proclamation then FEMA signs off. Need to finish by August 2023 as that is when PDM 19 POP ends.
- c. Public listening sessions - December, and end of Feb/beginning of March. Can anticipate some of the issues that will come up depending on the location/community. Our goal is

to create an event that brings together virtual and in-person to share what matters to the community and how they can access the digital tools. Ask Justine and Melanie Lander (via Lisa Webster) about ORMP PLS – utilized a survey so that folks could provide feedback even if they don't attend a PLS.

- d. HI-EMA asking for compelling photos to include for all counties and all hazards (Black Pot Beach Park bathroom destruction from flooding).

**X. SHMP Subject Matter Experts**

- a. Reviewed SME's for SHMP update. Confirm Forum suggested SME's. HI-EMA to setup initial hazards and data discussion for each hazard with all affiliated SME's (1 hour). Follow-up call (1 hour). Documentation review. Chapter review for each hazard.
- b. Larry mentioned 3 studies that have been funded with HMA dollars since the 2018 update and should be included in update for current hazard conditions:
  - i. Flood (DR-4366-04-04F High-Resolution Numerical Simulation April 2018 Heavy Rainfall)
  - ii. Lava (DR-4366-02-02R Volcanic Hazard Assessment)
  - iii. Wildfire (DR-4366-17-06 5% Near Real-Time Wildfire Protection System)