



Emergency Management Agency

Fiscal Year 2019 Annual Report

July 1, 2018 – June 30, 2019

Elton Ushio
Administrator

EMERGENCY MANAGEMENT AGENCY

I. MISSION STATEMENT

To protect lives and property in the County of Kaua'i by coordinating and integrating efforts among all levels of government and the private sector to mitigate against, prepare for, respond to and recover from natural disasters, acts of terrorism and other threats and hazards.

II. DEPARTMENT GOALS

Duties and Functions

- A. Maintain and improve the operating efficiency of the Emergency Operations Center (EOC).
- B. Maintain and enhance KEMA's training and exercise program, integrating the FEMA whole-community approach.
- C. Promote community awareness, preparedness and resilience through education and outreach, publications, media releases and other initiatives.
- D. Maintain and enhance the operational ready-status and efficacy of operational communications, redundant voice/data systems and emergency notification and warning systems.
- E. Leverage and manage grant funding to supplement KEMA's prevention, preparedness, response, recovery and mitigation efforts.

III. PROGRAM DESCRIPTION

- A. Program Objectives
 - 1. Continue phased updating of the County of Kaua'i Emergency Operations Plan (subject to availability of funding);
 - 2. Review and maintain other supporting plans, policies and procedures;
 - 3. Continue to develop and expand All-Hazards Incident Management Team capacity for EOC and field responders, refining policy and guidelines while also expanding incident action planning skillsets;
 - 4. Continue phased upgrading of EOC equipment, including the main and alternate EOC facilities;
 - 5. Continue skills development and enhancement via training and exercise participation;

6. Provide prioritized training to develop and enhance the skills and abilities of staff, governmental, private-sector non-governmental and community-based emergency management partners;
7. Maintain skills and test plans and procedures by regularly hosting and/or supporting exercises;
8. Coordinate and support county-level participation in offsite training and exercise opportunities;
9. Continue community outreach efforts via regularly scheduled events;
10. Continue to work with schools via outreach and readiness drills;
11. Continue to support and expand the CERT and HHARP programs;
12. Continue to regularly issue media releases relating to community awareness, preparedness and resilience;
13. Maintain and enhance the 800 MHz P25 radio system;
14. Continue to expand and enhance redundant operational and interoperable communications capabilities;
15. Maintain notification and warning systems while expanding the number of trained user/operators;
16. Complete Phase III+ of the Siren Modernization Project.
17. Continue to leverage, implement and manage Homeland Security Grant Program funding;
18. Continue to leverage, implement and manage Emergency Management Performance Grant funding;
19. Implement and manage other sources of grant funding, as feasible;
20. Maintain appropriate agency staffing via county and grant funding.

B. Program Highlights

1. Ongoing response and recovery from FEMA Major Disaster DR-4365 Hawai'i Severe Storms, Flooding, Landslides, and Mudslides (April 13-16, 2018).
2. Responded to FEMA Major Disaster, DR-4395 Hawai'i Hurricane Lane (August 22 – 29, 2018).
3. Developed and/or enhanced various Incident Action Plans and planning products.
4. Maintained EOC operational readiness and County/State/Federal/NGO engagement and coordination.
5. Maintained and enhanced the skills and abilities of staff, governmental, private-sector non-governmental and community-based emergency management partners via a robust training and exercise program.
6. Managed over \$2,886,000.00 in open grants.

IV. BUDGET

	CFY 2018 Actual	CFY 2019 Actual	CFY 2020 Appropriation/ Estimate
Equivalent Personnel (E/P)	6 (2 grant funded)	6 (2 grant)	6 (2 grant)
Salaries & Wages	505,309 (NOTE: Does not include full accounting of RAIN18 expenses)	526,992 (NOTE: Does not including full accounting of LANE18 expenses)	558,549
Operations	914,377	691,948	1,196,255
Equipment/Furniture	34,526	31,561	55,000
Vehicle	0	0	0
Program Total	1,454,212	1,250,501	1,809,804

V. ACCOMPLISHMENTS/EVALUATION

<p>Goal 1: Maintain and improve the operating efficiency of the Emergency Operations Center (EOC).</p>
<p>Objectives:</p> <ul style="list-style-type: none"> • Continue phased updating of the County of Kaua'i Emergency Operations Plan (subject to availability of funding); <ul style="list-style-type: none"> • The internal update of the EOP basic plan was halted due to ongoing DR-4365 (April 2018 floods/landslides) and new DR-4395 (Hurricane Lane) response/recovery priorities, while also dealing with staff vacancies. • Review and maintain other supporting plans, policies and procedures; <ul style="list-style-type: none"> • KEMA developed, updated, reviewed and/or enhanced various products: <ul style="list-style-type: none"> ○ Tropical Cyclone Pre-Impact Incident Action Plan ○ Tropical Cyclone Immediate Post-Impact Incident Action Plan ○ Lights on Rice Incident Action Plan ○ Waimea Town Parade Incident Action Plan ○ Flash Flood Warning Quick Reference Checklist ○ Tsunami Advisory/Watch/Warning Quick Reference Checklist ○ Mass-Casualty Incident Quick Reference Checklist ○ Explosive Device/Ordinance Quick Reference Checklist ○ Evacuation Shelter Response Plan

- **Continue to develop and expand All-Hazards Incident Management Team capacity for EOC and field responders, refining policy and guidelines while also expanding incident action planning skillsets;**
 - Expanded AHIMT-trained personnel and position-specific trained personnel by sending personnel to position-specific training.
 - Utilized AHIMT for various events, such as EOC activations, large event Incident Action Planning and exercises.
 - Guideline development continues but is currently awaiting statewide standardization and consultation relating to certifications and mutual aid.

- **Continue phased upgrading of EOC equipment, including the main and alternate EOC facilities;**
 - Through the Homeland Security Grant Program, upgrades to the main EOC's audio-visual system were completed, to include an 18-screen video wall, breakout room video upgrades and supporting control systems upgrades.

- **Continue skills development and enhancement via training and exercise participation.**
 - KEMA accomplished this on the agency and stakeholder levels, via various training and/or exercise opportunities in addition to real-world events/activations. This ties in with Goal 2 below, which provides additional details.
 - KEMA focused on introductory/awareness courses for the new Administration.

Goal 2: Maintain KEMA's training and exercise program to support the whole-community approach to emergency management.

Objectives:

- **Provide prioritized training to develop and enhance the skills and abilities of staff, governmental, private-sector non-governmental and community-based emergency management partners;** <see below>

- **Maintain skills and test plans and procedures by regularly hosting and/or supporting exercises;** <see below>

- **Coordinate and support county-level participation in offsite training and exercise opportunities.**

Our Annual exercise with the 93rd Civil Support Team was canceled due to Hurricane Lane.

Trainings for FY19 were focused on introductory/awareness courses for the new Administration.

Please see the following summary for FY19:

EVENT	DATE(S)
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Critical Decision Making for Complex Coordinated Attacks (Oahu)	July 17-18, 2018
US Coast Guard Maritime Security Tabletop Exercise	August 15, 2018
Joint Counterterrorism Awareness Workshop (Oahu)	September 19-20, 2018
Benefit Cost Analysis Training (Oahu)	September 25-26, 2018
All-Hazards Incident Management Team Operations Section Chief Training (Oahu)	October 15-18, 2018
Natural Disaster Awareness for Community Leaders	January 15, 2019
Bomb Squad Equipment Familiarization Training (Oahu)	January 15-17, 2019
Pacific Executive Leaders Program (Oahu)	January 29 – 31, 2019
Crisis Communications & Media Response Training for Today's Leaders (Oahu)	February 5, 2019
Flooding Awareness Training	February 12, 2019
Bomb Robot Training (Oahu)	February 25-26, 2019
Cyber Crime Training (Oahu)	February 28, 2019
All-Hazards Incident Management Team Incident Commander Training (Oahu)	March 4-8, 2018
Public Affairs Training	March 7-8, 2019
ALERRT Course (Oahu)	March 10-15, 2019
Pacific Executive Leaders Program (Hilo)	March 11-15, 2019
Hanalei Watershed Hui Exercise	March 13, 2019
Senior Officials training	March 22, 2019
Tsunami Awareness Training	April 2, 2019
Incident Command System 300/400	April 9-12, 2019
WebEOC Training	April 22-23, 2019
Lihue Airport Triennial Exercise	April 26, 2019
Hurricane Awareness Training	May 21, 2019
Mass Violence Emergency Response Training (Oahu)	May 30, 2019
Makani Pahili 2019	
State/County Operational Coordination Seminar (Oahu)	June 3, 2019
Statewide Debris Management Workshop (Oahu)	June 4, 2019
CERT Annual Refresher	June 8, 2019
HURREVAC Training (virtual)	June 19, 2019
Critical Decision Making for Complex Coordinated Attacks	June 20-21, 2019

Goal 3: Promote community awareness, preparedness and resilience through education and outreach, publications, media releases and other initiatives.

Objectives:

- **Continue community outreach efforts via regularly scheduled events;**
 - Performed outreach with emergency management partners, community associations/groups, visitor industry partners, etc. throughout the year on all-hazards community hazard awareness and resiliency.
 - Worked with the Hawai'i Emergency Management Agency and the Hanapēpē /'Ele'ele Community, supporting their participation in and completion of the Hawai'i Hazards Awareness and Resilience Program (HHARP), with Hanapēpē /'Ele'ele being designated as a Disaster Resilient Community. This was the first designation on any neighbor island community in the state.
- **Continue to work with schools via outreach and readiness drills;**
 - Conducted and/or participated in student education/outreach, site visits, drills, career day events, etc.
 - Extended these efforts to include support for administrative staff, in coordination with the Complex Area Superintendent.
- **Continue to support and expand the CERT and HHARP programs;**
 - Supported the CERT program via participation in CERT meetings/graduations and the annual refresher event.
 - Supported CERT plans, policies, and procedures review.
- **Continue to regularly issue media releases relating to community awareness, preparedness and resilience.**
 - Despite having just 6 tropical cyclones during the 2018 Central Pacific Hurricane Season, KEMA experienced a FEMA Major Disaster Declaration for Hurricane Lane, along with an activation for Hurricane Olivia. These, combined with continued recovery efforts associated with the April 2018 flood/landslide disaster and other events, EOC activations and media engagements resulted in an excessive number of KEMA media releases/products. Examples include:
 - Weather-related press releases
 - Tsunami information
 - Hurricane Season information
 - Hurricane Lane (FEMA DR-4395)

Goal 4: Maintain and enhance the operational ready-status and efficacy of operational communications, interoperable communications, redundant voice/data systems, and emergency notification and warning systems.

Objectives:

- **Maintain and enhance the 800 MHz P25 radio system;**
 - KEMA successfully completed the Hanalei Repeater Site tie-in to the main 800 MHz Public Safety Radio System.
 - Radio fleet updates/additions continued.
- **Continue to expand and enhance redundant operational and interoperable communications capabilities;**
 - KEMA has continued to expand and enhance redundant and interoperable communications via training, exercises, planning and hardening.
- **Maintain notification and warning systems while expanding the number of trained user/operators;**
 - Completed the installation of a primary and backup USGS stream gage above Hanakapiai Falls to gather data on stream levels to assist with early warning to hikers.
 - KEMA maintained notification and warning systems and trained additional users/operators.
- **Complete Phase III+ of the Siren Modernization Project.**
 - Unfortunately, due to State contractor issues, Phase III+ has yet to be completed.
 - 6 new sirens or siren upgrades were completed within the fiscal year – Kealia Kai, Waipouli/Waikaea Canal, Wailua Homesteads Park, Omao Park, Kaumakani, Kekaha (HP Faye Park)
 - The Ni‘ihau outdoor warning siren project is pending, given multiple ongoing statewide Major Disaster Declarations.

Goal 5: Leverage and manage grant funding to supplement KEMA’s prevention, preparedness, response, recovery and mitigation efforts.

Objectives:

- **Continue to leverage, implement and manage Homeland Security Grant Program funding;**
 - KEMA secured **\$780,000** in FY 2018 Homeland Security Grant funding
 - KEMA managed approximately **\$2,486,000** in open Homeland Security Grant funding
- **Continue to leverage, implement and manage Emergency Management Performance Grant funding;**
 - KEMA secured and managed **\$150,000** in FY 2018 Emergency Management Performance Grant funding
 - KEMA utilized Emergency Management Performance Grant to fund 2 staff positions.
- **Implement and manage other sources of grant funding, as feasible;**
 - KEMA staff supported:
 - The Local Emergency Planning Committee’s grant fiscal management via the Senior Staff Officer;
 - KPD’s E-911 via the Telecom Officer;

- Management of the Pre-Disaster Mitigation Grant to fund the update of the County of Kaua'i Multi-Hazard Mitigation and Resilience Plan (Senior Staff Officer as lead)
 - Shelter hardening for Kalāheo Gymnasium via State of Hawai'i funding (via coordination with Public Works)
 - FEMA Public Assistance Program for Major Disaster Declaration, April 2018 Flood (DR-4365) (Senior Staff Officer as lead)
 - FEMA Public Assistance Program for Major Disaster Declaration, Hurricane Lane (DR-4395) (Senior Staff Officer as lead)
 - State Legislative Funding for the April 2018 Flood (Act 12) (Senior Staff Officer as lead)
- **Maintain appropriate agency staffing via county and grant funding.**
 - KEMA hired a Program Support Technician II.
 - KEMA hired a temporary clerical support position (for an 89-day term).
 - Working with HR, we created the Emergency Management Staff Specialist I, II, III and IV classes, advertised and as of the close of FY19, we were scheduling interviews for EMSS I.