Are You Ready?

“Emergency Preparedness and what you can do to be ready”.

Jimmy L. Lagunero
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University of Hawai‘i
Mānoa Campus Emergency Management Program

Prepare the UHM Community to respond to emergencies/disasters and to manage recovery efforts in an effective and timely manner.

Emergency Response Plan
- Points of Contact
- Current Issues
- Training and Exercises
- Campus Emergency Response Team (CERT)
- Continuity of Operations Planning (COOP)
- Homeland Security Exercise Evaluation Program (HSEEP)
- Emergency Information
- Other Links

WELCOME TO EMERGENCY MANAGEMENT
UNIVERSITY OF HAWAI'I AT MĀNOA
# Emergency Management Program

<table>
<thead>
<tr>
<th><strong>Prepare</strong></th>
<th>Organize, educate, train, exercise and inform the UHM community on all types of emergencies (Hazards and Disasters).</th>
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<tr>
<td><strong>Respond</strong></td>
<td>Establish, train, equip, exercise and improve responder and emergency management teams to effectively respond to all emergencies.</td>
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<td><strong>Manage</strong></td>
<td>Coordinate, establish, train and improve emergency plans and procedures for the effective management of personnel, funds, material, equipment and medical care.</td>
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<td>Action Plans for Specific Emergencies/Disasters</td>
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<td>Hurricanes and Severe Storms</td>
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<td>Waterspouts</td>
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<td>Tsunami and Coastal Flooding</td>
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<td>Earthquakes</td>
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<td>Volcanic Activity</td>
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<td>Landslides and Mudslides</td>
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<td>Fire</td>
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<td>Hazardous Materials</td>
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<td>Bomb Threats and Explosions</td>
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<td>War and Terrorist Attack</td>
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<td>Biological Outbreak</td>
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<td>Utility Outages</td>
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<td>Civil Disturbance and Labor Strikes</td>
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<td>Aircraft and Fallen Object Accidents</td>
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Natural Disaster threats to Hawai‘i

Hawai‘i State Civil Defense, has determined that the following natural disasters are the most likely events to occur again in Hawai‘i.

- Hurricane
- Flooding
- Tsunami
Hurricane/Tropical Storm Watch:
Hurricane/Tropical Storm conditions are possible within 48 hours.

Hurricane/Tropical Storm Warning:
Hurricane/Tropical Storm conditions are expected within 36 hours.
**FLOODING**

- **Flood Advisory**: Exercise caution due to hazardous driving conditions. Be alert for ponding & debris on roadway; slippery roads & poor visibility.

- **Flood Watch**: Flooding is possible. Be alert!

- **Flash Flood Warning**: Flooding is imminent or already occurring. Get to high ground if you are in a flood prone area.
UH is not immune

- UH Mānoa Oct. 30, 2004
- $100 Million dollars in damages
**TSUNAMI**

- **Tsunami Watch:** Issued by Pacific Tsunami Warning Center (PTWC) after distant earthquakes with potential to create a tsunami in Hawaii. Tsunami waves are possible.

- **Tsunami Warning:** Issued whenever tsunami waves have been confirmed by PTWC and/or a damaging wave is detected.

- **Urgent Local Tsunami Warning:** Issued when a local earthquake has occurred and damaging waves are probable. Wave travel time may be as short as 10-20 minutes.
Shelters and Supplies

- Do you know where your shelter is?
- Do you know what to bring to a shelter?
- If you have to evacuate to a shelter there is nothing there!
- You need to bring your own resources, bedding, food, & water.
Emergency Preparedness

- 1 Get a kit of emergency supplies
- 3. Be informed
Preparing For Disaster

Additional Items to Consider Adding to an Emergency Supply Kit:

- Prescription medications and glasses
- Infant formula and diapers
- Pet food and extra water for your pet
- Important family documents such as copies of insurance policies, identification and bank account records in a waterproof, portable container
- Cash or traveler’s checks and change
- Emergency reference material such as a first aid book or information from www.ready.gov
- Sleeping bag or warm blanket for each person. Consider additional bedding if you live in a cold-weather climate.
- Complete change of clothing including a long sleeved shirt, long pants and sturdy shoes. Consider additional clothing if you live in a cold-weather climate.
- Household chlorine bleach and medicine dropper – When diluted nine parts water to one part bleach, bleach can be used as a disinfectant. Or in an emergency, you can use it to treat water by using 16 drops of regular household liquid bleach per gallon of water. Do not use scented, color safe or bleaches with added cleaners.
- Fire Extinguisher
- Matches in a waterproof container
- Feminine supplies and personal hygiene items
- Mess kits, paper cups, plates and plastic utensils, paper towels
- Paper and pencil
- Books, games, puzzles or other activities for children
Recommended Items to Include in a Basic Emergency Supply Kit:

- Water, one gallon of water per person per day for at least three days, for drinking and sanitation
- Food, at least a three-day supply of non-perishable food
- Battery-powered or hand crank radio and a NOAA Weather Radio with tone alert and extra batteries for both
- Flashlight and extra batteries
- First aid kit
- Whistle to signal for help
- Dust mask, to help filter contaminated air and plastic sheeting and duct tape to shelter-in-place
- Moist towelettes, garbage bags and plastic ties for personal sanitation
- Wrench or pliers to turn off utilities
- Can opener for food (if kit contains canned food)
- Local maps

Through its Ready Campaign, the U.S. Department of Homeland Security educates and empowers Americans to take some simple steps to prepare for and respond to potential emergencies, including natural disasters and terrorist attacks. Ready asks individuals to do three key things: get an emergency supply kit, make a family emergency plan, and be informed about the different types of emergencies that could occur and their appropriate responses.

All Americans should have some basic supplies on hand in order to survive for at least three days if an emergency occurs. Following is a listing of some basic items that every emergency supply kit should include. However, it is important that individuals review this list and consider where they live and the unique needs of their family in order to create an emergency supply kit that will meet these needs. Individuals should also consider having at least two emergency supply kits, one full kit at home and smaller portable kits in their workplace, vehicle or other places they spend time.
“Hurricane season ends in a few weeks and Hawai‘i’s rainy season begins. The potential for earthquakes, tsunamis, and other natural and man-made hazards is always with us. When disaster strikes Hawai‘i’s people, I may call upon you to help the victims. During or following a disaster, every State employee is considered a civil defense worker and may be assigned response or recovery duties”.

- Governor Linda Lingle
Academic Affairs

- Develop procedures to communicate with and account for teaching faculty in an emergency situation.
- Develop plans to identify alternate facilities / methods where institution activities can be conducted in the event of inaccessibility to existing facilities.
- Identify and prioritize critical support services and systems.
# Pandemic Response Plan

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<tr>
<th>Key Individuals and Units</th>
<th>Phase 1 &amp; 2 Inter-pandemic Period</th>
<th>Phase 3, 4 and 5 Pandemic Alert Period</th>
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</table>
| 15. Students/Faculty/Staff | • Become familiar with University plan, and remain informed.  
• Comply with all University recommendations regarding pandemic flu response. | • Students/Faculty/Staff traveling to and returning from affected areas are expected to complete Travel Assessment with SHS. |
## Pandemic Response Plan

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<th>Phase 6 Pandemic Period</th>
<th>Post-Pandemic Period Recovery</th>
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<td>• Consult University influenza updates at least daily.</td>
<td>• Faculty and staff will assess the backlog of usual work, and</td>
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<tr>
<td>• Comply with all University recommendations regarding pandemic flu response.</td>
<td>develop and implement plans to &quot;catch-up&quot; deferred work to</td>
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<td>return to normalcy</td>
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<td>• Faculty will communicate with students regarding plans for</td>
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<td>makeup work, and return to usual mode of instruction</td>
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<td>• Students will communicate with faculty regarding accommodations</td>
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<td>required as a result of the event</td>
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<td>• All groups will monitor the UHM and their School or College</td>
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<td>website for additional information or instructions and</td>
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<td>follow as directed</td>
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UH Alert Emergency Notification

The UH Alert emergency notification system alerts the university community in the event of a natural, health or civil emergency. The information you provide will only be used in the event of an emergency that impacts the health and safety of the UH community or closures of whole campuses. It will not be shared with others or used for routine UH communications or announcements. Click below to login and:

PROVIDE OR UPDATE YOUR EMERGENCY CONTACT INFORMATION

Information about UH Alert

Automated emergency messaging options include:

- **Email**
  Emergency alerts are sent to hawaii.edu email addresses for all members of the UH community. Faculty/staff may also provide a non-UH email address.

- **SMS/text messages**
  Alerts can be sent via text message to student, faculty and staff mobile phones.

- **Phone/voice mail**
  A prerecorded phone call can be made to faculty/staff offices and/or home phones and/or mobile phones. If the system detects an answering machine or voicemail greeting, it will leave the recorded message after the greeting completes.
FIRE EVACUATION AND NOTIFICATION PROCEDURES

- WHEN THE BUILDING FIRE ALARM IS ACTIVATED, OCCUPANTS WILL:
  - Evacuate the building without delay.
  - Notify Campus Security via Emergency Call Box or x66911.
  - When evacuating the building, move away from the building entrance and clear building access for emergency response personnel.
  - Arrange to have a specific location away from the building where people are to meet after evacuation. Account for all department/office personnel, students and visitors.
State of Hawai`i

DISASTER RESPONSE MANUAL
For Managers

www.hawaii.edu/ohr/docs

Disaster Response Manual
For Managers

www.hawaii.edu/ohr/docs
Summary

- It’s gonna happen again.
- There’s things that you can do to be ready
- Get a Kit
- Make a Plan
- Be informed
Any Questions ?? ??

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