

# **APPENDIX I. REGIONAL NEXT STEPS AND PRIORITIES**





# Appendix I. Regional Next Steps and Priorities

**Description:**

*Next steps and priorities for regional resilience as perceived by workshop participants and identified in workshop and follow-up discussions. Results are presented by the regional planning area as well as by neighborhood. Findings are presented as direct transcriptions from workshop notes.*

Region	Neighborhood or Community
<p><b>Ko'olaupoko</b></p>	<p><u>Kāne'ohe</u></p> <ul style="list-style-type: none"> <li>o Increase Resilience</li> <li>o Assess critical infrastructure and flood and wind vulnerability</li> <li>o Community gardens, energy backup, independence, traffic control &amp; energy preparedness</li> <li>o First aid, partner with medical facilities</li> <li>o Training for energy, disaster, community involvement</li> <li>o CERT should begin to work with Windward CC</li> <li>o Infrastructure, roads, communication between regions, networking / relationship building</li> <li>o State funding? Grants? Conversation to have the HUB</li> </ul> <p><u>Kahalu'u</u></p> <ul style="list-style-type: none"> <li>o \$50k - \$70k generator - fundraiser.</li> <li>o Disaster Preparedness Training:</li> <li>o CERT certification.</li> <li>o HAM radio training.</li> <li>o Medical training/urgent care.</li> <li>o Agriculture education/garden expansion.</li> <li>o Solar panel/battery.</li> </ul> <p><u>Waimānalo</u></p> <ul style="list-style-type: none"> <li>o Waimanalo DP (Disaster Preparedness). <ul style="list-style-type: none"> <li>o Coordinate partners: DOD (Department of Defense),</li> <li>o Health Center, NHB (Naval Health Clinic).</li> </ul> </li> <li>o Reinstate CERT (Community Emergency Response Team).</li> <li>o Reinstate HIEMA (Hawaii Emergency Management Agency).</li> <li>o Reinstate DOT (Department of Transportation).</li> <li>o Reinstate DHHL (Department of Hawaiian Home Lands).</li> <li>o Reinstate DEM (Disaster Emergency Management).</li> </ul> <p><u>Kailua</u></p> <ul style="list-style-type: none"> <li>o Affordable housing (for elderly).</li> <li>o Community gardens.</li> </ul>

	<ul style="list-style-type: none"> <li>o Food bank coordination/collaboration.</li> <li>o Growing homeless population.</li> <li>o Kainalu Elementary.</li> <li>o Need for emergency shelters.</li> <li>o Possible collaboration with DOE.</li> <li>o Communication.</li> <li>o Training community members.</li> <li>o Identifying HAM radio users/hobbyists.</li> <li>o Energy source.</li> <li>o Look at generators for district park.</li> <li>o Work with communities and HECO to build microgrids.</li> </ul> <p><u>Kāne'ohe / Kahalu'u</u></p> <ul style="list-style-type: none"> <li>o The Resilience Hub needs to be very localized based on streams, ahupua'a, etc. Consider grouping hub areas:</li> <li>o Kahalu'u Elementary</li> <li>o KEY (Kahalu'u Elementary Youth)</li> <li>o Fire Station</li> <li>o Kahalu'u Park</li> </ul> <p><u>Follow-up Discussion</u></p> <ul style="list-style-type: none"> <li>o Renovation of bridge and coastline infrastructure across the coast including Kahana Bay bridge, Kahalu'u Stream bridge, etc.</li> <li>o Suggested collaborations with state and local district representatives. The Council for Native Hawaiian Advancement (CNHA), Hawaiian Electric Company (HECO), Hawai'i Emergency Management Agency (HI-EMA), Department of Environmental Management (DEM), Kualoa Ranch, schools, and private partners</li> <li>o Additionally, Kualoa-He'eia Ecumenical Youth (KEY) Project members suggested having an Energy Transition Initiative Partnership Program (ETIPP) infrastructure assessment to gain an understanding of updates to their facility needed to become more resilient and safer structure-wise</li> </ul>
<b>Region</b>	<b>Neighborhood or Community</b>
Ko'olauloa	<u>Ko'olauloa</u>

- o More identification of potential sites
- o Love us to be first (In establishing a resilience hub)
- o Waste Management Coordination
- o Promote Readiness and Disaster Preparedness Training

Hau'ula

- o Another community survey
- o Asking people if they have skills in the event of an emergency
- o Ask if people want to be captains of their neighborhoods
- o Reach out to people in the red zones, to ask them if they have an evacuation plan
  - o Question about family plans, etc. to get people to start thinking about these things
- o Start holding workshops to educate people about the location of the resilience hub, what to do in the event of an emergency, how to prepare
- o Keep bringing more and more awareness
- o 84 block captains
- o Continue to build the partnerships that will help in an emergency
- o More interactions with the first responders in the area
- o Currently the first responders cannot talk about their disaster planning
- o Hau'ula infrastructure tends to determine building locations.
- o Educate & train people to go to higher ground.
- o Explore solutions for handling hazardous waste after a disaster.
- o Research and develop strategies for cleaning up after a disaster.

Punalu'u

- o Funding!
- o Need to clear land
- o Need helipad
- o Kahana Bay especially vulnerable to flooding
- o City needs to support Hui O Hau'ula
- o Need dialysis/medical clinic in Hau'ula
- o Residents are encouraged to attend meetings!
- o Outreach to those who aren't tech savvy or have Wi-Fi
- o Transportation issue to the site
- o Old Ko'olau road, purchased by private owner

- o City needs to follow up on this issue \*Push the city collectively.
- o Potential tsunami education sites
- o Gunstock ranch
- o BYU/Temple Hill
- o Asia and Pacific school
- o Partnered organizations in place when the hub is built
- o Invest in the Hub first to avoid compromising it
- o Who needs to be part of the conversation
- o Kualoa Ranch, DEM

Follow-up Discussions

- o Community members expressed concerns that Ko'olauloa is one of the most at risk areas for natural disaster and risk and damage will only increase in the coming years so ensuring they are ready and prepared for when these events occur is key to the survival of their community.
- o The community association is considered inadequate, and it is suggested to explore alternative options such as a church or the APIS community evacuation site.
- o Traditional knowledge is emphasized as valuable for disaster response and should be passed down and utilized. Resilience is seen as a spiritual concept, relying on community cohesion. Leadership is recognized as crucial. It is important to inform people about the selected site.
- o Diversifying energy sources through microgrids or mobile generators is recommended. The need for a dialysis center and contingency plans for essential medications like insulin is highlighted. Considering sites for native medical plants to serve as backup for conventional medicine is suggested, although proximity to shelter may be hindered by a local stream. Observations indicate that the group comprises board members and educators. The challenge of people being trapped in their cars during disasters is noted. Emergency Medical Services (EMS) may face difficulties reaching Hau'ula during a disaster, although the proposed site is considered suitable with some limitations on space.
- o Further research is needed to address Hau'ula's infrastructure and how to handle hazardous waste and

	<p>post-disaster cleanup. Questions and connections arise regarding population movement patterns throughout the day, especially for school children, and the need to educate and protect vulnerable groups. Smart policy decisions are essential for the well-being of the community.</p>
Region	Neighborhood or Community
<p><b>North Shore</b></p>	<p><u>Waimea</u></p> <ul style="list-style-type: none"> <li>o Talk to BS (Boy Scouts) camp and ranch regarding a disaster evacuation area.</li> <li>o Write a grant proposal to acquire a generator for water delivery.</li> <li>o Establish a Red Cross shelter agreement.</li> <li>o Preposition Red Cross supplies.</li> </ul> <p><u>Hale'iwa</u></p> <ul style="list-style-type: none"> <li>o Build the foundations of a community garden to promote local food production and resilience.</li> <li>o Explore options for growing crops in alternative locations if space is limited, considering factors such as charging a fee and staying in close proximity to the WCA (Wahiawa/Central Oahu).</li> <li>o Transform the community garden into a comprehensive community program that offers education and support to the local community.</li> <li>o Collaborate with the WCA to provide education on preparedness and resilience to families in the Haleiwa area.</li> <li>o Foster a spirit of mutual support and collaboration among all resilience hub locations.</li> <li>o Investigate the possibility of implementing a new program in the absence of the FFA (Future Farmers of America) and 4A (Agriculture, Agribusiness, Agriscience, and Ag Education) programs.</li> <li>o Assess the need for a charging station to support the local community's energy needs and explore potential solutions such as microgrids, solar panels, and backup power sources.</li> <li>o Consider capacity limitations when accepting new members and ensure critical parts of the resilience hub are effectively managed and utilized.</li> </ul>

### Waiialua / Mokulē'ia

- o Develop a comprehensive plan for resilience and emergency preparedness.
- o Secure funding and create an effective plan for its utilization.
- o Implement microgrid systems to enhance energy resilience.
- o Establish a Community Emergency Response Team (CERT) program.
- o Organize the structural organization and recruit volunteers.
- o Improve radio communication systems and provide training for operators.
- o Address mental health, trauma, and crisis management in emergency situations.
- o Develop childcare plans and accommodations for disabled and elderly individuals.
- o Collaborate with RDE for Higher Ed to distill information into actionable steps, compile data for a comprehensive picture, and develop a workforce development plan.

### Wahiawa

- o Prioritize reliable communication channels, including FM radio, to ensure effective dissemination of information.
- o Establish mechanisms to avoid misinformation by designating a reliable source or point person.
- o Focus on addressing the resilience needs of relatively population-dense areas on the North Shore, considering that rural hubs may be more challenging to access.
- o Explore the possibility of incorporating a resilience hub at a school into the curriculum without disrupting its operations.
- o Provide counseling services from psychiatrists to address disaster-related trauma.
- o Ensure subject matter experts (SMEs) are actively involved in the decision-making process of the Resilience Hub.
- o Make information and data accessible to everyone, including creating statistics, analysis, and translations to foster broader understanding and engagement.

### Pūpūkea / Sunset Beach



	<ul style="list-style-type: none"> <li>o Identify specific exposure to sea-level rise (SLR), hurricanes, tsunamis, and floods to assess the hazards.</li> <li>o Encourage families to prepare for hazards by considering block captains and strengthening shelters.</li> <li>o Assess site limitations through an Environmental Assessment (EA).</li> <li>o Establish support from relevant organizations.</li> </ul> <p><u>Follow-up Discussion</u></p> <ul style="list-style-type: none"> <li>o Action items included seeing if Resilience HUBS can coexist with schools and include a resilience based curriculum, can existing shelters and future Hubs work hand in hand, learn which disasters are more likely for their region, consider all solutions for their underlying communities, ensure funding for HAM radio training and devices for the future Hubs, and offer Red Cross and CERT training for the community to get them more involved in the Resilience Hub process and action plan.</li> <li>o Additional notes included identifying the key contacts for the region and discussing other key community members becoming the “subject matter experts” on the Action 15 Program.</li> </ul>
<b>Region</b>	<b>Neighborhood or Community</b>
<b>Central O’ahu</b>	<ul style="list-style-type: none"> <li>● Coordinate with CERT/First Aid Training: Collaborate with CERT (Community Emergency Response Team) and provide First Aid Training to ensure proper emergency medical support.</li> <li>● Assess and improve sustainable energy sources: Conduct further research to identify and implement sustainable energy options for the resilience hub.</li> <li>● Develop a communication plan: Establish a comprehensive communication plan, including communication facilities and internet capacity. <ul style="list-style-type: none"> <li>o Quote: " We need to check on communication facilities, internet capacity, double check"</li> </ul> </li> <li>● Explore options for community gardens and food production: Identify opportunities for community gardens and enhance food production capabilities within the hub.</li> </ul>

- o Q: "What is missing? Agricultural sites/food cultivation/clean water. How will food get to this site?"

- Enhance transportation access: Improve transportation access to the hub, with a focus on alternative transportation options. Possibly create a communication network in the community to facilitate transportation for those with needs in disaster scenarios.

- o Q: "What are the specific examples of needs for our community? Probably, higher access for transportation"

- Collaborate with Wahiawa General Hospital: Establish a partnership with Wahiawa General Hospital for additional resources and support, potentially supplementing with the Wahiawa Civic Center.

- o Quote: "Wahiwa general is a good location... Could be okay if supplementing the Wahiawa Civic Center."

- Engage urban farms for emergency food supplies and value addition: Collaborate with urban farms to ensure the availability of emergency food supplies and explore opportunities for value addition.

- o Quote: "Is it possible for us to help farms provide emergency food supplies, add value to crops to increase food availability during disasters?"

- Foster communication and collaboration: Encourage communication and collaboration among neighbors, community leaders, and organizations/agencies to strengthen the resilience hub.

- o Quote: "Communication and collaboration between Central O'ahu districts Who is not in the room today who needs to be part of this conversation?"

Follow-up Discussion

	<ul style="list-style-type: none"> <li>● They emphasized the importance for versatility and accessibility for Resilience Hubs, highlighting their ability to accommodate various training and easy access from the street.</li> <li>● Participants advocated for multiple hub locations to create a robust network, while considering factors like space limitations and potential closure of certain parts of Wahiwa General.</li> </ul>
Region	Neighborhood or Community
Wai'anae	<p><u>Nānākuli</u></p> <ul style="list-style-type: none"> <li>○ Gather community input for training programs and prioritize the topics based on their needs and interests.</li> <li>○ Address transportation concerns to ensure accessibility during emergencies for all community members.</li> <li>○ Engage with homeless individuals and residents on the makai side to include them in emergency preparedness efforts.</li> <li>○ Identify residents with HAM radio experience and emergency certifications to enhance communication capabilities during crises.</li> <li>○ Address income inequality as an underlying factor contributing to social vulnerability in the community.</li> <li>○ Incorporate wildfire threats into the hazard vulnerability assessment for Nanakuli and prioritize measures to mitigate the risks.</li> <li>○ Consider the impact of wildfires on military facilities and collaborate with relevant authorities to address concerns.</li> <li>○ Take into account the age of buildings in the area and assess their resilience to withstand disasters. <ul style="list-style-type: none"> <li>○ Research the possibility of using Kolekole Pass (navy-owned) during emergencies and identify the chain of command to open the pass.</li> </ul> </li> <li>○ Explore the potential use of Nanakuli High School, the highest point in Nanakuli, as an evacuation site.</li> <li>○ Collaborate with Hawaiian Homelands to incorporate their perspectives and resources in emergency preparedness efforts.</li> </ul> <p><u>Mā'ili</u></p> <ul style="list-style-type: none"> <li>○ Establish a phone tree system to enable effective communication within the community during emergencies.</li> <li>○ Develop an emergency preparedness plan tailored to the specific needs and risks of Ma'ili.</li> </ul>

- o Identify suitable shelter sites within the area for evacuation purposes.
- o Explore the possibility of utilizing the crematorium site as part of the HUB network to enhance community resilience.
- o Assess the feasibility of implementing solar capabilities in Ma'ili to ensure a sustainable energy source during emergencies.
- o Promote and support local food production to enhance food security and self-sufficiency.
- o Encourage residents to obtain HAM radio licenses and provide training opportunities.
- o Establish a command center for Wai'anae to centralize emergency response efforts.
- o Engage relevant stakeholders such as emergency preparedness directors, healthcare facilities, power companies, and government agencies (federal, navy/army, DOE, DOA, Hawaiian Homes, Kamehameha School, DLNR) for collaborative planning and coordination.

Wai'anae

- o Provide training programs on preparedness for community members to enhance their emergency response capabilities.
- o Facilitate CERT (Community Emergency Response Team) training to build a network of trained volunteers within the community.
- o Improve communication channels among all stakeholders involved in emergency preparedness and response.
- o Establish a microgrid system to ensure access to power during emergencies.
  - o Set up individual accessible emergency pods for residents to seek shelter and resources.
- o Develop a volunteer hub for coordination of transportation and distribution of supplies during emergencies, including establishing agreements with truckers for assistance.
- o Promote community gardening initiatives to enhance food security and resilience.

Makaha

- o Identify suitable evacuation sites in Makaha to ensure the safety of residents during emergencies.
- o Assess and address fire risks specific to the area, implementing measures for prevention and response.

	<ul style="list-style-type: none"> <li>o Develop a list of priority services that the HUB should address, considering the specific needs of the community.</li> </ul>
Region	Neighborhood or Community
<p><b>'Ewa</b></p>	<ul style="list-style-type: none"> <li>● Strengthen partnerships with nearby organizations, especially in healthcare and disaster response, to enhance coordination and resource sharing during emergencies.</li> <li>● Develop an effective communications strategy by creating communication trees and to ensure timely and accurate dissemination of information to the community.</li> <li>● Explore collaboration opportunities with the University of Hawaii West Oahu (UHWO) and coordinate with their Emergency Manager to align efforts and research their sustainability and relevant programming.</li> <li>● Offer training programs such as Red Cross and Community Emergency Response Team (CERT) to empower community members with essential skills and knowledge for effective emergency response, aiming to reach a broad audience of 2,000+ attendees. As they have shown capability in the past.</li> <li>● Engage the Department of Hawaiian Home Lands (DHHL) to gain their valuable insights and involvement in emergency preparedness initiatives, recognizing their unique perspectives and resources in the area.</li> </ul> <p><u>Follow-up Discussion</u></p> <ul style="list-style-type: none"> <li>● Kroc Center has favorable attributes like low hazard exposure and good transportation access were also recognized. The center's role as a community center for members, its proximity to a rail station and waterpark makes it a well known visible space.</li> <li>● Within proximity there are also potential food production centers and distribution areas that could be useful during emergencies. The Kroc center is also trusted by various organizations, and its engagement in CERT courses further highlight its suitability.</li> <li>● The Kroc Center's involvement with the Salvation Army, public-private partnerships, and community engagement efforts helped to highlight its potential to serve as a Resilience Hub.</li> </ul>



	<p>Ensuring sturdy buildings, safe location selection, backup communication, and community education are focal points for its future use as a Resilience Hub.</p> <ul style="list-style-type: none"> <li>● There is strong community support and trust at UH West O'ahu, where a variety of programming engages not only students and faculty but also the wider community.</li> <li>● Notably, the site's low hazard exposure and good transportation access, with bus routes throughout Kapolei, were deemed favorable attributes for the resilience hub.</li> <li>● Proximity to essential infrastructure, such as emergency medical facilities and designated hurricane shelters, further strengthened its appeal. The site's disaster response facilities, including the nearby fire and police departments, and proximity to military bases added to its suitability for the resilience hub. Additionally, UH West O'ahu's involvement in sustainable farming and food distribution exercises demonstrated its potential to serve as a food production and distribution center during emergencies.</li> </ul>
<b>Region</b>	<b>Neighborhood or Community</b>
<b>Primary Urban Center</b>	<p><u>Mānoa</u></p> <ul style="list-style-type: none"> <li>○ Assess roof stability of the Bishop Museum.</li> <li>○ Explore options for implementing renewable energy sources at the site.</li> <li>○ Enhance communication systems for effective emergency response.</li> <li>○ Identify and ensure the availability of medical facilities in the area.</li> <li>○ Evaluate the potential for food production and establish a food plot.</li> <li>○ Investigate opportunities for agriculture in the community.</li> <li>○ Implement hazard mitigation measures to reduce risks.</li> <li>○ Develop strategies for water shut-off during emergencies.</li> <li>○ Ensure reliable electricity supply for critical operations.</li> <li>○ Establish storage for emergency materials.</li> <li>○ Promote public awareness and knowledge of designated evacuation locations.</li> </ul>

- o Engage the city council, mayor, security personnel, and emergency response teams in the planning process.
- o Expand collaborations with relevant organizations for enhanced resilience.
- o Inquire about existing plans for resilience hubs in the area.
- o Identify community leaders and key stakeholders for effective coordination.
- o Improve public knowledge and understanding of disaster response plans and procedures in the region.

Nu'uuanu, Moanalua

- o Contact Pearlridge owner and Board of Water: Establish partnerships for possibility collaboration.
- o Store emergency supplies: Ensure sufficient storage of essential emergency provisions.
- o Install more solar panels: Explore the expansion of solar energy infrastructure.
- o Contact partnerships/communicators: Engage with communication partners for effective dissemination of information.
- o Hospitals and urgent care: Establish connections with nearby medical facilities.
  - o HECO (Hawaiian Electric Company) and H Tel.: Coordinate with utility providers for reliable power and communication services.
- o Department of Transportation (DOT): Collaborate with DOT for transportation-related considerations.
- o Schools: Engage educational institutions in preparedness efforts.
- o Farms and agriculture: Establish relationships with local farms and explore agricultural initiatives.
- o Urban garden behind Home Depot: Investigate the potential for utilizing the urban garden for food production.
- o Legislature funding: Research opportunities for funding through legislative channels.
- o New libraries: Explore partnerships with local libraries for resources
- o Sumida Farms: Explore collaboration opportunities to grow additional food for the hub.
- o More solar/other sustainable energy sources: Investigate additional renewable energy options.

East Oahu

- o Prepositioned packages: Prepare essential supplies.
- o First aid: Ensure availability of first aid resources.
- o Initiate planning: Start developing a resilience hub plan.
- o Identify hub leads: Determine responsible individuals or organizations.
- o Establish goals, objectives, and themes: Define hub objectives and address any preparedness gaps.
- o Investigate Potential Partnerships:
- o More with Le Jardin and partnerships: Collaborate with organizations like Red Cross, waste management, and food providers.
- o Advertise hub location: Promote the hub through social media and community networks.
- o Engage with churches, service organizations, and rotaries: Involve local community groups.
- o Identify skilled community members: Find individuals with relevant expertise for hub operations.
- o Explore Big Island's approach to similar initiatives and gather insights to inform the project at Susannah Wesley Community Center.
- o Determine how to get involved in the Big Island's projects and establish potential partnerships or collaborations.
- o Keep the Kūpuna updated about the project by regularly sharing progress and updates.
  - o Attend Kailua side meetings to engage with the community and gather valuable input and feedback.

Aiea, Salt Lake

- o Contact PR Management to determine the main power source for the area.
- o Inquire about the water source at Sumida Farm.
- o Gather information on the power source for EV charging stations.
- o Establish communication with Sumida Farms for potential collaboration.
- o Reach out to Pali Momi Hospital to assess their infrastructure and potential support for the hub.

Ala Moana, Waikiki, Diamond Head

- o Make KCC Nursing Program Medical Facilities available in gray sky scenario - Ensure that the KCC Nursing Program's medical facilities are accessible and operational during emergency situations.

	<ul style="list-style-type: none"> <li>o Build a community garden - Establish a community garden at KCC to promote food resilience and self-sustainability.</li> <li>o Future Research:</li> <li>o Develop more relationships with local gardens/farms</li> <li>o Foster partnerships and collaborations with local gardens and farms to enhance food resilience efforts.</li> <li>o Make commute plans with major hospitals - Research and establish transportation plans with major hospitals to ensure smooth and efficient access during emergencies.</li> </ul> <p><u>Kalihi</u></p> <ul style="list-style-type: none"> <li>o Have a plan on what has to be done to meet everyone's needs - Develop a comprehensive plan outlining specific action.</li> <li>o Coordinated effort to ensure each organization does their part - Establish a collaborative approach among organizations to ensure coordinated efforts.</li> <li>o No farmland - Senior development - Address the lack of farmland by exploring alternative options such as senior development.</li> <li>o Cannot sustain itself (must use outside resources) - Acknowledge the need to rely on external resources for sustainability.</li> <li>o (Farming in the valley - building out) - Explore opportunities for expanding farming in the valley.</li> <li>o Provide all services needed - Ensure the availability of essential services to meet the community's needs.</li> <li>o Meals on Wheels - Implement Meals on Wheels program to provide meals to those in need.</li> <li>o Federal doesn't fund community programs - Explore alternative funding sources for community programs.</li> <li>o Emergency evacuation center - Check the potential for an evacuation center and identify local evacuation centers.</li> <li>o Disaster response facilities - Assess the capabilities of the site as a potential disaster response facility.</li> <li>o Hurricane Storm Surge Inundation - Conduct further research and analysis using the Hurricane Storm Surge Inundation SLOSH Model to understand potential risks.</li> </ul>
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<b>Region</b>	<b>Neighborhood or Community</b>
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<b>East Honolulu</b>	<u>Hawai'i Kai</u>
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- o Kamilo Nui Valley is privately owned, can a partnership be formed
- o Concern for food security
- o Need pop up locators
- o Follow up with Kamilo Nui Valley regarding potential partnership
- o Explore solutions for improving food security
- o Investigate options for implementing pop-up locators
- o Build first aid / Dedicated space
- o Emergency water supply
- o Food storage
- o Similar things around the valley
- o Identify who is not present in the table (Parks & Rec, DOE, local rep)
- o Include Chambers of Commerce and community stakeholders for discussion
- o Initiate plans for building a first aid facility
- o Allocate a dedicated space for resilience efforts
- o Establish an emergency water supply system
- o Develop food storage capabilities
- o Extend similar initiatives to other areas within the valley
- o Engage Parks & Rec, DOE, local representatives, Chambers of Commerce, and community stakeholders in the discussion

Aina Haina

- o Community Networks surrounding schools and Keiki
- o Waste Management for new candidate of critical services
- o Coordinate with satellite resources for community networks
- o Gather information on plumbing systems for Hub locations and basic needs
- o Set expectations for resilience efforts
- o Establish relationships and connections with Kamilo'iki
- o Conduct on-site survey to assess critical services and their quality
- o Include Fire stations/hospitals on the maps
- o Research rockslides in the area as a hazard
- o Incorporate Fire stations and hospitals into the mapping system
- o Conduct thorough research on rockslides as a potential hazard

Kuli'ou'ou / Kalani 'Iki



- o Check rockslide risk
- o Explore the connection between shelters and hubs
- o Conduct structural assessment of the HUBs

Follow-up Discussion

- o The main concerns were that most of the sites proposed were in known hazard zones and that it would be helpful for the future maps to address this by having specific natural disaster risks overlay the sites so they can see which sites are affected more by certain events.
- o Another key note was that these sites should preferably be community owned as many of the sites were areas owned by parks and recreation and the DOE (schools) and those are not ideal as they are government owned and operated.
- o A final discussion topic was the need to address that when multiple roads are compromised due to flooding or tsunamis, the need for multiple pop up Hubs per valley will become necessary.