

CHAPTER 2 Appendix G:

Evaluation and Interview Questions

Everyone interviewed provided with the Hazard Mitigation Action Table 7.1 from the 2009 Plan Update. Everyone asked to review the list of relevant actions (tables were separated by proposing agency to request status). The results of the evaluation and review of actions appears in Chapter 6 Table 6.2.

In addition, the interviews with each agency and organization were asked more specific information about the agency plans and coordination, especially in line with requirements for the plan.

A3. Does the Plan document how the public was involved in the planning process during the drafting stage? (Requirement §201.6(b)(1))

A4. Does the Plan describe the review and incorporation of existing plans, studies, reports, and technical information? (Requirement §201.6(b)(3))

A5. Is there discussion of how the community(ies) will continue public participation in the plan maintenance process? (Requirement §201.6(c)(4)(iii))

A6. Is there a description of the method and schedule for keeping the plan current (monitoring, evaluating and updating the mitigation plan within a 5-year cycle)? (Requirement §201.6(c)(4)(i))

B1. Does the Plan include a description of the type, location, and extent of all natural hazards that can affect each jurisdiction(s)? (Requirement §201.6(c)(2)(i))

B2. Does the Plan include information on previous occurrences of hazard events and on the probability of future hazard events for each jurisdiction? (Requirement §201.6(c)(2)(i))

B3. Is there a description of each identified hazard's impact on the community as well as an overall summary of the community's vulnerability for each jurisdiction? (Requirement §201.6(c)(2)(ii))

B4. Does the Plan address NFIP insured structures within the jurisdiction that have been repetitively damaged by floods? (Requirement §201.6(c)(2)(ii))

C1. Does the plan document each jurisdiction's existing authorities, policies, programs and resources and its ability to expand on and improve these existing policies and programs? (Requirement §201.6(c)(3))

C2. Does the Plan address each jurisdiction's participation in the NFIP and continued compliance with NFIP

requirements, as appropriate? (Requirement §201.6(c)(3)(ii))
C3. Does the Plan include goals to reduce/avoid long-term vulnerabilities to the identified hazards? (Requirement §201.6(c)(3)(i))
C4. Does the Plan identify and analyze a comprehensive range of specific mitigation actions and projects for each jurisdiction being considered to reduce the effects of hazards, with emphasis on new and existing buildings and infrastructure? (Requirement §201.6(c)(3)(ii))
C5. Does the Plan contain an action plan that describes how the actions identified will be prioritized (including cost benefit review), implemented, and administered by each jurisdiction? (Requirement §201.6(c)(3)(iv)); (Requirement §201.6(c)(3)(iii))
C6. Does the Plan describe a process by which local governments will integrate the requirements of the mitigation plan into other planning mechanisms, such as comprehensive or capital improvement plans, when appropriate? (Requirement §201.6(c)(4)(ii))

D1. Was the plan revised to reflect changes in development? (Requirement §201.6(d)(3))
D2. Was the plan revised to reflect progress in local mitigation efforts? (Requirement §201.6(d)(3))
D3. Was the plan revised to reflect changes in priorities? (Requirement §201.6(d)(3))

E1. Does the Plan include documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval? (Requirement §201.6(c)(5))
E2. For multi-jurisdictional plans, has each jurisdiction requesting approval of the plan documented formal plan adoption? (Requirement §201.6(c)(5))

In addition to the requirements listed in the Regulation Checklist, 44 CFR 201.6 Local Mitigation Plans identifies additional elements that should be included as part of a plan’s risk assessment. The plan should describe vulnerability in terms of:

- 1) A general description of land uses and future development trends within the community so that mitigation options can be considered in future land use decisions;*
- 2) The types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard areas; and*
- 3) A description of potential dollar losses to vulnerable structures, and a description of the methodology used to prepare the estimate.*

How does the Plan go above and beyond minimum requirements to document the Hazard Identification and Risk Assessment with respect to:

- ❖ *Use of best available data (flood maps, HAZUS, flood studies) to describe significant hazards;*
- ❖ *Communication of risk on people, property, and infrastructure to the public (through tables, charts, maps, photos, etc.);*
- ❖ *Incorporation of techniques and methodologies to estimate dollar losses to vulnerable structures;*
- ❖ *Incorporation of Risk MAP products (i.e., depth grids, Flood Risk Report, Changes Since Last FIRM, Areas of Mitigation Interest, etc.); and*
- ❖ *Identification of any data gaps that can be filled as new data became available.*

How does the Plan go above and beyond minimum requirements to document the Mitigation Strategy with respect to:

- ❖ *Key problems identified in, and linkages to, the vulnerability assessment;*
- ❖ *Serving as a blueprint for reducing potential losses identified in the Hazard Identification and Risk Assessment;*
- ❖ *Plan content flow from the risk assessment (problem identification) to goal setting to mitigation action development;*
- ❖ *An understanding of mitigation principles (diversity of actions that include structural projects, preventative measures, outreach activities, property protection measures, post-disaster actions, etc);*
- ❖ *Specific mitigation actions for each participating jurisdictions that reflects their unique risks and capabilities;*
- ❖ *Integration of mitigation actions with existing local authorities, policies, programs, and resources; and*
- ❖ *Discussion of existing programs (including the NFIP), plans, and policies that could be used to implement mitigation, as well as document past projects.*

Solid Waste

1. What are your primary concerns from disasters to solid waste? For Hurricanes, Strong Winds, Heavy Rainfall, Stream Flood, Dam Breach, Coastal Inundation, Erosion, Drought, Wildfires, Landslides, Earthquake, Tsunami, Volcano/Vog, Sea Level variation/rise, Public Health, Terrorism?
2. Was the Post-Disaster Debris Management Plan completed and implemented? What is the update cycle on that plan? Are there any changes to the sites identified?
3. Where are the landfills? Any changes to sites or plans? Have these been included in the county GIS maps?
4. Do you have recommendations (policies, actions, projects) that you would recommend to reduce hazard risks to people of Kauai from solid waste?

Waste Water:

1. What are your primary concerns from disasters to the wastewater system? For Hurricanes, Strong Winds, Heavy Rainfall, Stream Flood, Dam Breach, Coastal Inundation, Erosion, Drought, Wildfires, Landslides, Earthquake, Tsunami, Volcano/Vog, Sea Level variation/rise, Public Health, Terrorism? – Did you experience problems from events since 2003?
2. Do you have recommendations (policies, actions, projects) that you would recommend to reduce risks to people of Kauai from breaches to wastewater systems during a disaster?

Planning Department

1. Prior to the 2009 plan, there were several planning initiatives to reduce disaster risk, including Rim Lot Setbacks and Safe Room Initiatives. Have there been any other planning efforts that reduce disaster risks?
2. In the 2009 plan, there was a proposal to have a “disaster risk” evaluation with any planning permit to inform the developers/owners about potential risks on their property that would enable them to take action to reduce risk. Has this happened?
3. Have there been any major changes in the land use system or development plans for Kauai since 2009?
4. Do you have recommendations (policies, actions, projects) that you would recommend to reduce risks to people of Kauai from disasters?

Building Division

1. What are your primary concerns from disasters for public works and buildings? For Hurricanes, Strong Winds, Heavy Rainfall, Stream Flood, Dam Breach, Coastal Inundation, Erosion, Drought, Wildfires, Landslides, Earthquake, Tsunami, Volcano/Vog, Sea Level variation/rise, Public Health, Terrorism?
2. What mitigation projects have you implemented since 2003? (wind risk study, etc.) Have new building codes been implemented?
3. Do you have recommendations (policies, actions, projects) that you would recommend to reduce risks to people of Kauai from disasters?

Transportation Department

1. What are your primary concerns from disasters for public works and buildings? For Hurricanes, Strong Winds, Heavy Rainfall, Stream Flood, Dam Breach, Coastal Inundation, Erosion, Drought, Wildfires, Landslides, Earthquake, Tsunami, Volcano/Vog, Sea Level variation/rise, Public Health, Terrorism?
2. Do you have recommendations (policies, actions, projects) that you would recommend to reduce risks to people of Kauai from disasters?

Flood Coordinator

1. What concerns do you have related to flooding? What disasters have happened since 2003? What changes have been made to the flood insurance system?
2. Do you have recommendations (policies, actions, projects) that you would recommend to reduce risks to people of Kauai from flooding?
3. Are you beginning to develop the Community Rating System to help insured persons reduce their premium payments?

Fire Department

1. What are your primary concerns from disasters for public works and buildings? For Hurricanes, Strong Winds, Heavy Rainfall, Stream Flood, Dam Breach, Coastal Inundation, Erosion, Drought, Wildfires, Landslides, Earthquake, Tsunami, Volcano/Vog, Sea Level variation/rise, Public Health, Terrorism?
2. Are there particular hotspots and concerns for dealing with wildland fires?
3. Do you have recommendations (policies, actions, projects) that you would recommend to reduce risks to people of Kauai from disasters?
4. Knowing that an El Nino event has started, are there specific preparations that have been taken to minimize drought/fire risks?

Office of Elderly Affairs

1. Are the locations of elderly care centers adequately reflected on maps? Have there been additional facilities developed since 2009?
2. Are centers evaluated for safety during storms? Or would the elderly need to be evacuated?

3. Have efforts been made to determine evacuation routes and locations?
4. What are your primary concerns from disasters for public works and buildings? For Hurricanes, Strong Winds, Heavy Rainfall, Stream Flood, Dam Breach, Coastal Inundation, Erosion, Drought, Wildfires, Landslides, Earthquake, Tsunami, Volcano/Vog, Sea Level variation/rise, Public Health, Terrorism?
5. Do you have recommendations (policies, actions, projects) that you would recommend to reduce risks to the elderly of Kauai from disasters?

Housing Agency

1. What are your primary concerns from disasters for public works and buildings? For Hurricanes, Strong Winds, Heavy Rainfall, Stream Flood, Dam Breach, Coastal Inundation, Erosion, Drought, Wildfires, Landslides, Earthquake, Tsunami, Volcano/Vog, Sea Level variation/rise, Public Health, Terrorism?
2. Are there significant populations at risk for lack of affordable housing? Have the houses been evaluated for mitigation needs? (Is there a significant homeless population on Kauai?)
3. Do you have recommendations (policies, actions, projects) that you would recommend to reduce risks to people of Kauai from disasters?

Department of Economic Development (includes offices of Agriculture Support Service, Energy Extension, Film Commission, Tourism Support and Workforce Development)

1. What does the workforce look like on Kauai? Primarily tourism?
2. How has the current economic crisis affected the economy/employment,/sectors on Kauai? Are there geographic areas that are worse than others? What places might have the least ability to recover quickly from a disaster (if there is a geographic distinction)?
3. What are your primary concerns from disasters for public works and buildings? For Hurricanes, Strong Winds, Heavy Rainfall, Stream Flood, Dam Breach, Coastal Inundation, Erosion, Drought, Wildfires, Landslides, Earthquake, Tsunami, Volcano/Vog, Sea Level variation/rise, Public Health, Terrorism?
4. Do you have strategies in place for economic recovery following a disaster?

5. Are you concerned about the impacts, especially on the Agriculture Sector, from drought/wildfires during the upcoming El Niño season?
6. Has the Energy sector begun to evaluate impacts from climate change? What about other sectors?
7. Do you have recommendations (policies, actions, projects) that you would recommend to reduce risks to people of Kauai from disasters?

Interview Questions for Community, Civil Society, and Non-Profit Organizations

1. What are your primary concerns from disasters in your community? For Hurricanes, Strong Winds, Heavy Rainfall, Stream Flood, Dam Breach, Coastal Inundation, Erosion, Drought, Wildfires, Landslides, Earthquake, Tsunami, Volcano/Vog, Sea Level variation/rise, Public Health, Terrorism?
2. Have you worked with Kauai Civil Defense? On what types of activities?
3. Are you aware of the hazard mitigation plan update? (Explain that the process is designed to help reduce risks prior to a disaster event.)
4. What is the primary population and population characteristics in your community or that your organization deals with (local residents, transient/temporary residents, visitors, etc.)?
5. Are there certain populations that you are particularly concerned about during disasters (elderly care, day-care, homeless, non-English language groups)?
6. Do you have recommendations (policies, actions, projects) that you think would improve the safety of your community during disasters?
7. Does your community have strategies in place for economic recovery following a disaster?