



## Climate Ready O'ahu Community Advisory Hui Meeting #4

Tuesday, December 7, 2021  
4:00 – 6:00 p.m.  
Virtual On-line Meeting via Zoom

This meeting will be held via videoconferencing pursuant to Governor David Ige's  
Eighth Supplementary Emergency Proclamation of May 18, 2020.

**Zoom Link:** <https://us02web.zoom.us/j/88295595418?pwd=TzMlVnp2eU0vVDRiU3IvR2RmS2dVZz09>

**Short Link:** <https://bit.ly/climatereadyhui-4>

**Join by phone:**

+1 669 900 6833

+1 253 215 8782

**Meeting ID:** 882 9559 5418

**Passcode:** 143154

*All meeting attendees: In order to minimize background noise, please stay in mute mode on your device when not speaking.*

### **AGENDA**

1. Welcome and Advisory Member Roster Updates
2. Acceptance of Notes from Meeting #3
3. Climate Ready O'ahu Project Updates
4. Discussion on Adaptation Strategies and Sectors
5. Public Input for Matters Not on the Agenda
6. Tentative Next Meeting Date
7. Adjournment

### **Attachments:**

Appendix A – Draft Adaptation Strategies by Sector

A mailing list is maintained for interested persons and agencies to receive this board's agenda and minutes. Additions, corrections, and deletions to the mailing list may be directed to the Office of Climate Change, Sustainability and Resiliency (CCSR) at 650 S King Street, Floor 11, Honolulu, Hawai'i 96813; Telephone: (808) 768-2277; Fax: (808) 768-4242. Agendas and minutes are also available online at [www.climatereadyoahu.org](http://www.climatereadyoahu.org).

If you require special assistance, auxiliary aid and/or service to participate in this event (i.e., sign language interpreter, interpreter for language other than English, or wheelchair accessibility), please contact CCSR at (808) 768-2277 or email your request to [climateready@honolulu.gov](mailto:climateready@honolulu.gov) at least three (3) business days prior to the meeting.

All written testimony must be received by CCSR 48 hours prior to the meeting. If within 48 hours, written and/or oral testimony may be submitted directly at the meeting. Send to: Climate Ready O'ahu Community Advisory Hui, CCSR, 650 S King St, Floor 11, Honolulu, Hawai'i 96813. Fax: (808) 768-4242. Email: [climateready@honolulu.gov](mailto:climateready@honolulu.gov).

Appendix A: Climate Adaptation Strategies by Sector  
 Community Advisory Hui Meeting No. 4  
 Draft: November 30, 2021

Primary Sector	Secondary Sector	Strategy
Buildings	Utilities, Mobility, and Transportation	Prepare for physical impacts to City real property interests from flood risks
Buildings	Utilities, Mobility, and Transportation	Prepare for financial impacts to City real property interests from climate hazards
Buildings	Utilities, Mobility, and Transportation	Increase the resilience of facilities and assets to flooding and wind
Buildings		Increase resilience of facilities and assets to flooding, erosion, and wind
Buildings		Increase resilience of facilities and assets to increasing temperature and extreme heat
Buildings		Increase resilience of facilities and assets to decreasing precipitation
Buildings		Enhance the resiliency of City-owned buildings and managed housing to increasing temperatures and heat wave events
Connected and Prepared Communities	Governance	Use cultural resources adaptation plan to guide resilience work
Connected and Prepared Communities	Health and Food Security	Ensure equitable evacuations in advance of hurricanes
Connected and Prepared Communities	Utilities, Mobility, and Transportation	Strengthen holistic understanding of climate impacts, risks, and priorities and incorporate across all BWS programs and water systems
Connected and Prepared Communities		Increase public awareness of climate change risks
Connected and Prepared Communities		Use zoo programming to support public climate change education needs
Connected and Prepared Communities		Provide resources for communities to become more climate resilient
Connected and Prepared Communities		Ensure climate resilience actions are informed by community needs, engage the public, are equitable, and do not cause maladaptation
Connected and Prepared Communities		Ensure all O'ahu communities have strong social cohesion and health supports and are prepared for climate impacts
Governance	Buildings	Ensure insurance coverage decisions consider potential risks and liabilities associated with increasing climate hazards
Governance	Connected and Prepared Communities	Maximize capacity to fund climate resilience work by bridging the gap between funding availability and needs, and identifying and managing obstacles within the funding system
Governance	Connected and Prepared Communities	Integrate climate change hazards into the community planning process
Governance	Connected and Prepared Communities	Ensure planning processes enable other actors to effectively conduct climate resilience work
Governance	Connected and Prepared Communities	Strengthen collaboration and communication among departments and external actors to facilitate effective climate resilience work
Governance	Natural Environment	Reflect climate resilience best practices in land use policies and ensure enforcement
Governance	Utilities, Mobility, and Transportation	Ensure cost-effective maintenance efforts
Governance		Update emergency response plans to account for increased frequency and intensity of extreme events, to protect health and safety and support infrastructure resilience
Governance		Maintain motivation and capacity to advocate for and act on climate risk management over the long-term
Governance		Support other departments by helping them plan for future resilience funding needs
Governance		Expand emergency response capacity of City departments and partners
Governance		Contribute to emergency response efforts
Governance		Maintain capacity to provide operations and services in extreme events
Governance		Implement data- and community-informed climate resilience work
Governance		Use tax and market tools and City funds to mitigate storm and flooding impacts
Governance		Ensure all climate resilience actions around the island are informed by the same key data, priorities, and guidance, and support other departments' climate resilience work
Governance		Update the Hazard Mitigation Plan (HMP) to more thoroughly include climate change
Health and Food Security	Natural Environment	Manage drought, heat, and decreasing rainfall affecting water availability
Health and Food Security	Natural Environment	Manage health and environmental impacts of rising temperatures
Health and Food Security		Ensure safety of public and DES staff during flood events
Health and Food Security		Continue to provide safe and enjoyable recreation spaces under projected higher temperatures
Health and Food Security		Reduce public health risks that are exacerbated by climate change
Natural Environment	Connected and Prepared Communities	Support Native Hawaiian traditional land management practices (e.g., salt cultivation, fishpond maintenance) that are facing impacts from erosion and increased flooding
Natural Environment	Governance	Explore innovative funding mechanisms for sea level rise and coastal erosion mitigation measures
Natural Environment	Utilities, Mobility, and Transportation	Enhance groundwater recharge, reuse, and conservation
Natural Environment	Utilities, Mobility, and Transportation	Increase golf courses' flood resilience through use and protection of natural resources
Natural Environment	Utilities, Mobility, and Transportation	Increase parks' flood resilience
Natural Environment		Maintain City's capacity to manage wildland fire risk under all conditions
Natural Environment		Enhance the resiliency of vulnerable forests, beaches, coastal areas, and agricultural lands
Natural Environment		Develop best practices to support climate resilience in land management for assets and property
Natural Environment		Increase coastal park resilience and prepare for increased costs of beach and coastal park maintenance
Natural Environment		Increase parks' ecological function and reduce maintenance costs and resource use
Natural Environment		Increase tree plantings and tree cover
Utilities, Mobility, and Transportation	Buildings	Design and construct City infrastructure to be resilient to wind, flooding, erosion, and increased heat
Utilities, Mobility, and Transportation	Buildings	Manage the higher costs of conducting maintenance and construction due to climate vulnerabilities

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Utilities, Mobility, and Transportation	Buildings	Maintain and upgrade built and natural infrastructure to increase their ecological function and reduce maintenance costs and resource use under warmer, drier conditions
Utilities, Mobility, and Transportation	Buildings	Ensure DES facilities and assets are able to maintain operations during extreme events
Utilities, Mobility, and Transportation	Buildings	Protect wastewater system infrastructure from damage and disruption
Utilities, Mobility, and Transportation	Governance	Ensure functionality of critical infrastructure
Utilities, Mobility, and Transportation	Governance	Ensure operational redundancy within the transportation system to provide continued mobility during and after an extreme weather event
Utilities, Mobility, and Transportation	Health and Food Security	Ensure public transit assets (e.g., bus depots and stations) are accommodating for users during heat events
Utilities, Mobility, and Transportation		Improve the City's ability to provide for increased energy demand while considering energy efficiency
Utilities, Mobility, and Transportation		Maintain wastewater system operations during and after climate-driven events
Utilities, Mobility, and Transportation		Maintain trash, disposal, and recycling services
Utilities, Mobility, and Transportation		Maintain stormwater infrastructure and operations

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