



University of Hawai'i Sea Grant College Program
WAIKĪKĪ RESILIENCE & SLR ADAPTATION PROJECT

COMMUNITY OUTREACH SUMMARY
2024



Acknowledgements

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May, 2024



Community Outreach and Engagement

The University of Hawaii Sea Grant College Program (Hawaii Sea Grant) coordinated and conducted three (3) community stakeholder events through the month of December, 2023. These outreach meetings were designed to support the scope of Work in Task Order #3 between the State of Hawaii Office of Planning and Sustainable Development (OPSD) and the University of Hawaii Community Design Center (UHCDC). This report provides a summary of the outreach meetings (Task #5) conducted by Hawaii Sea Grant in support of the broader Waikīkī Resilience and SLR Adaptation Project (WRAP).

The goal of the WRAP is to develop a framework and lay the groundwork for a future Waikīkī adaptation and resilience plan that addresses the projected impacts of climate change and sea level rise in the Waikīkī Special District and beyond.

For the WRAP, the UHCDC and Hawaii Sea Grant have collaborated in providing several specific tasks including: community and stakeholder outreach, regional hazard risk analysis, evaluation of adaptation frameworks, models and precedents and evaluation of implementation pathways. The outreach is complemented by a series of stakeholder meetings guided by expert panels that provide insight on various adaptation strategies.

Waikīkī Stakeholder Outreach Objectives:

- Support the stated goals of the Waikīkī Resilience and SLR Adaptation Project.
- Comprehensive stakeholder and community engagement and outreach to support the development of the framework for increased resilience in Waikīkī.
- Develop and demonstrate a science-driven adaptation planning framework for a comprehensive community resilience and adaptation plan.
- Identify needs, gaps and opportunities for community resilience, potential adaptation pathways, triggers and phases for Waikīkī.

The WRAP consists of several overlapping phases of research, analysis, outreach and adaptation community visioning. These efforts are sequential in nature and provide the framework and background for follow-on work involving proof of concept designs, pilot projects and technical, economic and feasibility studies to facilitate a future adaptation plan for Waikīkī. A conceptual timeline is provided for the Task 5 Community Outreach and Engagement part of the project highlighted as the second project phase (Figure 1.)

A total of 95 people attended the WRAP outreach meetings (Table 1, Appendix C). A 90-minute outreach meeting agenda is provided as an example of the typical meeting agenda. (Table 2). Each of the Stakeholder and Community Outreach meetings were held virtually through Zoom and the December 11, 2023 Community meeting was held as a hybrid meeting (Zoom and in-person).



Figure 1. Project Conceptual Timeline (Credit UHDCDC).

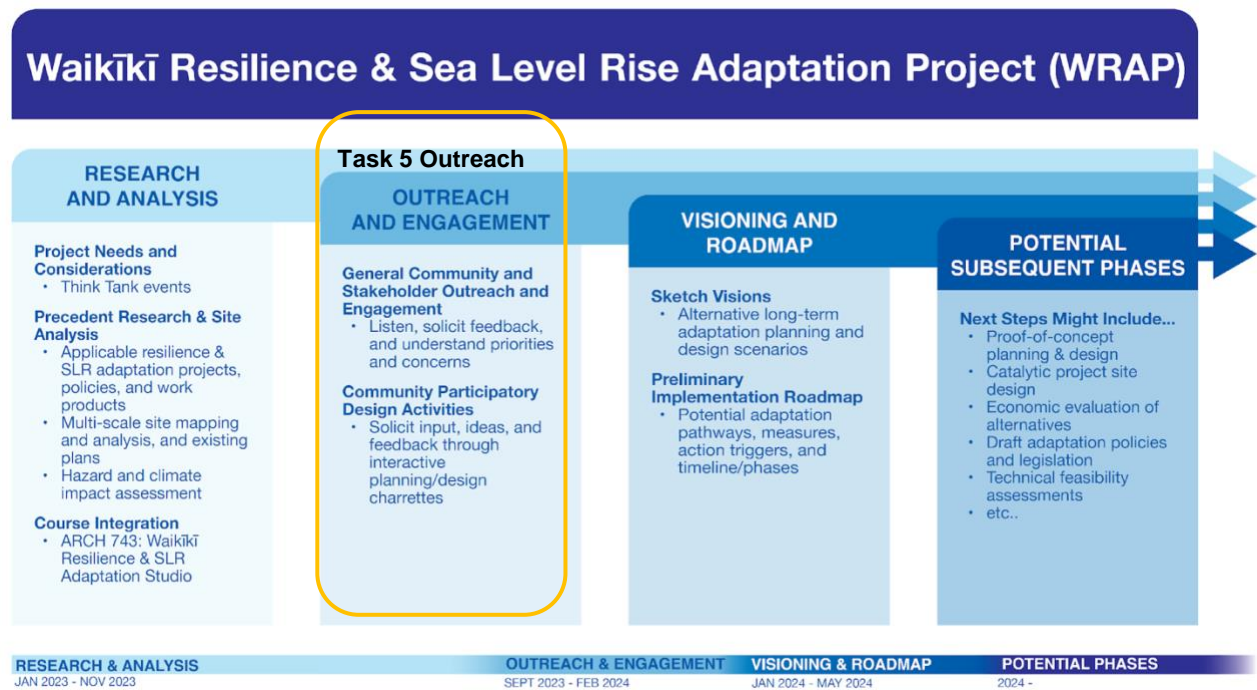


Table 1. Waikāiki Resilience and Adaptation Plan-Outreach Schedule

Outreach Meeting	Meeting Focus	Date	Attendance
Community Survey (Online-ongoing)	Community needs, gaps and priorities	Ongoing- started in December, 2023	18
Stakeholder Meeting #1 (Zoom)	Culture, socio-economics and environment	December 4, 2023	22 (Zoom)
Community Meeting #2 (In-person/hybrid Zoom)	Community education for adaptation planning	December 11, 2023	15 (In-person) 30 (Zoom)
Stakeholder Meeting #3 (Zoom)	Business, economics and local government	December 14, 2023	28 (Zoom)

Table 2. Waikāiki Resilience and Adaptation Plan-Outreach Meeting Agenda

Example Meeting Agenda for 90-minute Stakeholder and Community Meetings	
10:00 am – 10:10 am	Welcome and Introductions
10:10 am – 10:40 am	Project Background, Scientific Basis, History and Framework
10:40 am – 10:50 am	Community Concerns and Priorities Survey
10:50 am – 11:20 am	Community Q&A and Discussion
11:20 am – 11:30 am	Wrap up and Next Steps



Community and Stakeholder Outreach Meeting Flyers

Waikiki
Resilience & SLR Adaptation Project [WRAP]

**WAIKIKI STAKEHOLDER MEETING
ENVIRONMENTAL &
SOCIAL-CULTURAL FOCUS**

Monday, December 4, 2023, 10:00 AM - 11:30 AM

Virtually, via Zoom
Register for the meeting [here](#).

You are invited to participate in this invitation-only stakeholder meeting for the Waikiki Resilience and Adaptation Project. This meeting will provide an opportunity to ask questions and share your community values and concerns for the future of Waikiki.

Share your mana'o on how to best protect and restore the natural and cultural resources of Waikiki as part of the development of a long-range resilience and adaptation plan.

For more project information visit our project [website](#).
UHDCDC.WRAP@gmail.com | 808.956.4704

Waikiki
Resilience & SLR Adaptation Project [WRAP]

**COMMUNITY OUTREACH
& PROJECT BRIEFING**

Monday, December 11, 2023, 11:00 AM - 12:30 PM

Ala Wai Golf Course Clubhouse, 2nd floor
404 Kapahulu Ave, Honolulu, HI 96815
and virtually, via Zoom

Are you concerned about climate change impacts to Waikiki?
Are you interested in the future of Waikiki as a resilient community?

You are invited to participate in the first community outreach meeting for the Waikiki Resilience and Adaptation Project. This meeting will introduce the project and provide an opportunity to ask questions, share your community values and concerns for the future of Waikiki.

Waikiki
Resilience & SLR Adaptation Project [WRAP]

**WAIKIKI STAKEHOLDER MEETING
BUSINESS &
GOVERNMENT FOCUS**

Thursday, December 14, 2023, 10:00 AM - 11:30 AM

Virtually, via Zoom
Register for the meeting [here](#).

You are invited to participate in this invitation-only stakeholder meeting for the Waikiki Resilience and Adaptation Project. This meeting will provide an opportunity to ask questions and share your expertise and vision for the future of Waikiki.

Share your thoughts and ideas as part of the development of a long-range resilience and adaptation plan for Waikiki.

For more project information visit our project [website](#).
UHDCDC.WRAP@gmail.com | 808.956.4704

Waikiki
Resilience & SLR Adaptation Project [WRAP]

**INITIAL COMMUNITY
RESILIENCE SURVEY**

Scan the QR code to take the survey
or follow this link to our [WRAP Engagement page](#).

For project information and status visit the [WRAP Engagement](#) page.



Outreach Meeting Menti-Meter Results

A six-question Menti-meter survey was used during each of the three outreach meetings as a form of multi-media engagement. As the participants entered their responses all the responses were displayed live onscreen as a congregated result (Appendix A). The three Menti-meter surveys consisted of 44 respondents total. The results are very consistent with the Waikīkī Community Resilience survey, below are some selected highlights:

- Most respondents recognize the sea-level rise risk for Waikīkī, consistently describing Waikīkī as a wet place in 50 years.
- Nearly all respondents indicated they are very concerned or moderately concerned about long term impacts of climate change to Waikīkī.
- Accommodation and adaptive relocation were top ranked infrastructure adaptation options for Waikīkī for the years 2050 to 2100.

Waikīkī Community Resilience Survey Results

A community resilience survey was created as part of the outreach and engagement effort. The survey was created in Google Forms (<https://go.hawaii.edu/gCy>). This survey is designed to understand and quantify community concerns and collect feedback on climate change adaptation in Waikīkī. The 13-question on-line survey is estimated to take approximately 10-15 minutes. The survey was opened up in early December, 2023 and advertised through each of the outreach meetings and detailed in a news press release promoting the meetings. The survey ran for the duration of the project as part of the WRAP assessment and outreach process and was closed on May 15, 2024. The summary results of the survey are provided in Appendix B.

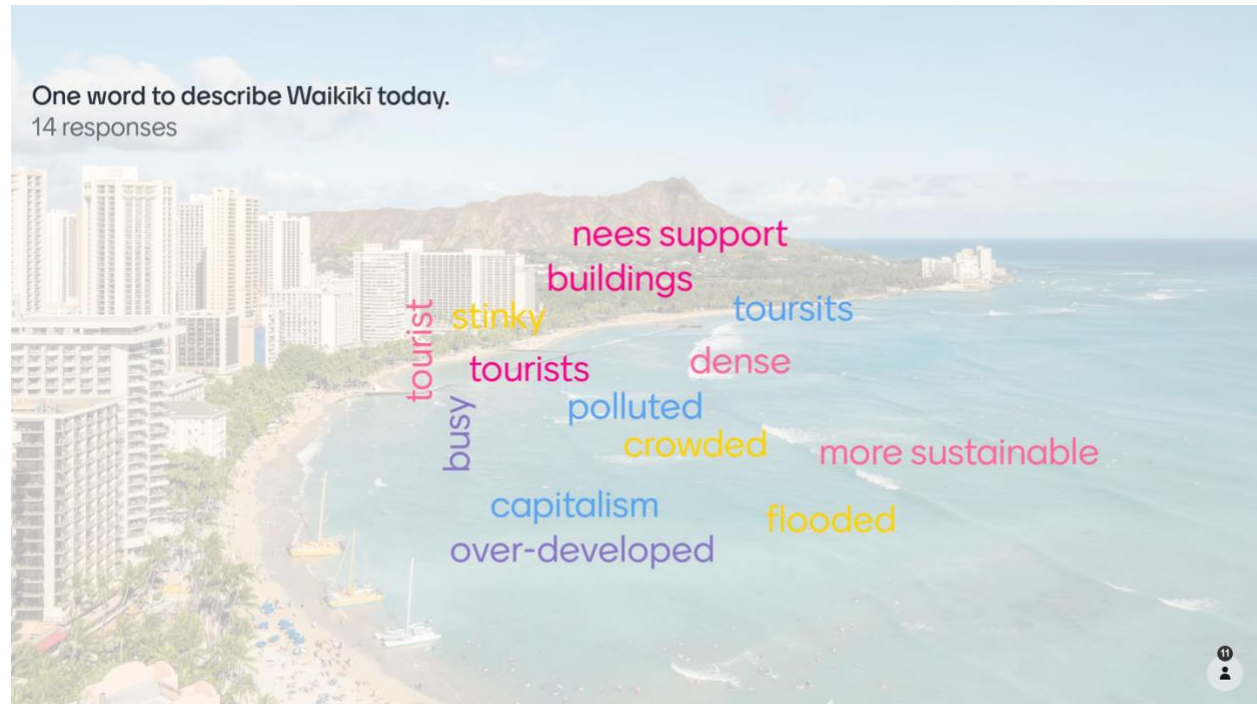
Since the Community Resilience survey has a limited number of responses (18) it is difficult to draw meaningful conclusions from such a small sample size. The survey results from the Menti-Meter meeting surveys and Community Resilience Survey indicate a general awareness and acknowledgement of sea level rise risks associated with Waikīkī. Selected Waikīkī Community Resilience survey highlights include:

- All Community Resilience survey participants express a strong or moderate concern about long-term climate change and sea-level rise impacts to Waikīkī.
- Geographically, the makai (ocean-side) sector of Waikīkī is identified as the primary area of concern for most.
- Priority adaptation options for Waikīkī include accommodation strategies including adapting in-place along with policy and zoning options.
- Challenges to adaptation include political will/sense of urgency and coordination.
- The cost of inaction and cost effectiveness of adaptation measures are top ranked financial considerations.
- Top ranked adaptation options for Waikīkī include nature-based solutions and proactive planning and zoning.
- A near majority of survey respondents (50%) indicate they are not very aware of active adaptation projects in Waikīkī.

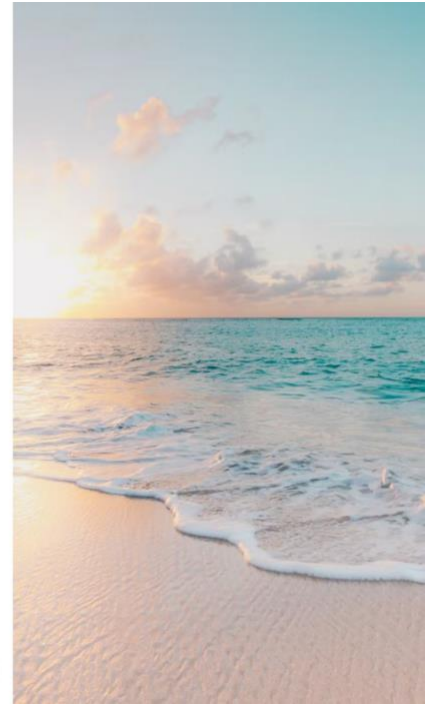
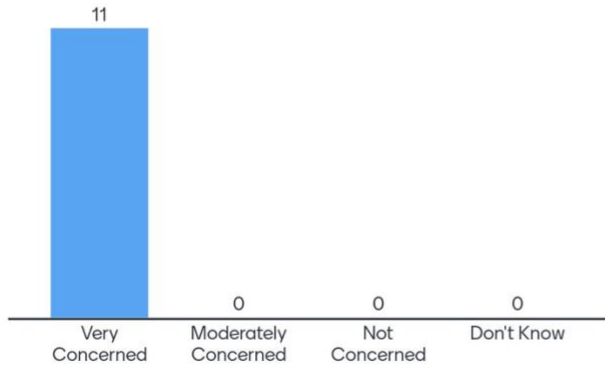


Appendix A. Outreach Meeting Menti-Meter Survey Results

December 4, 2023 Menti-Meter Results



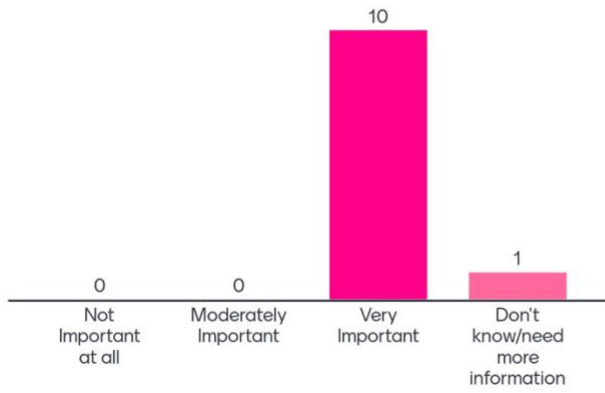
How concerned are you about the long-term (year 2100) impacts of climate change including sea-level rise in Waikīkī?



Rank the following adaptation options for critical infrastructure in Waikīkī for the years 2050 to 2100 timeframe.



How important do you believe equity and social justice considerations should be in Waikiki's climate adaptation efforts?



Is there anything you wish we talked about more or less?

What's gonna happen to the waves?

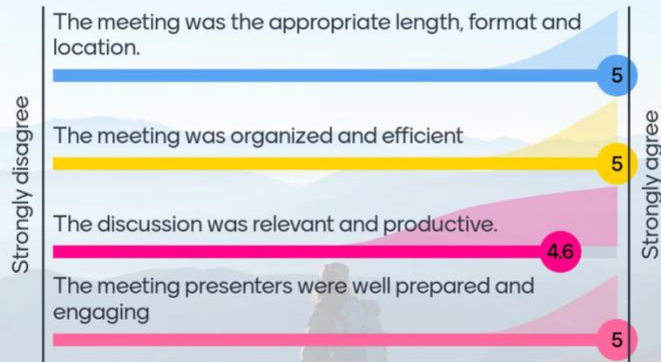
public safety

Hawaiian biocultural practices

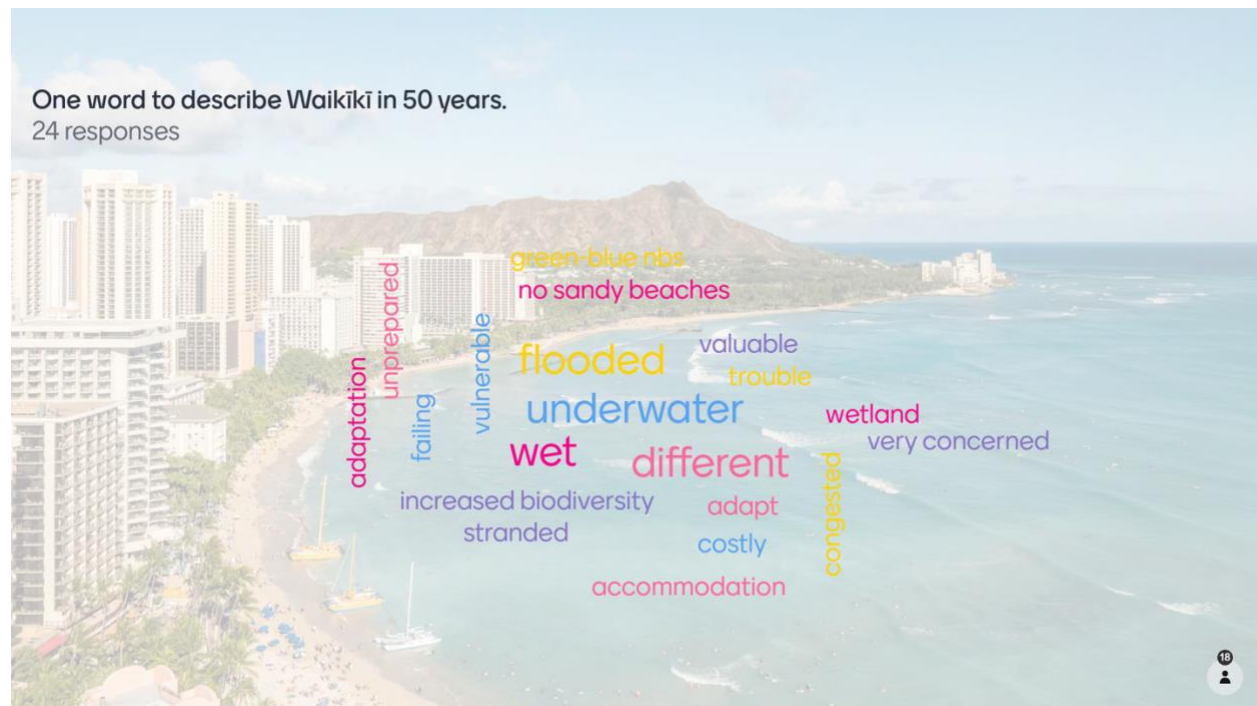
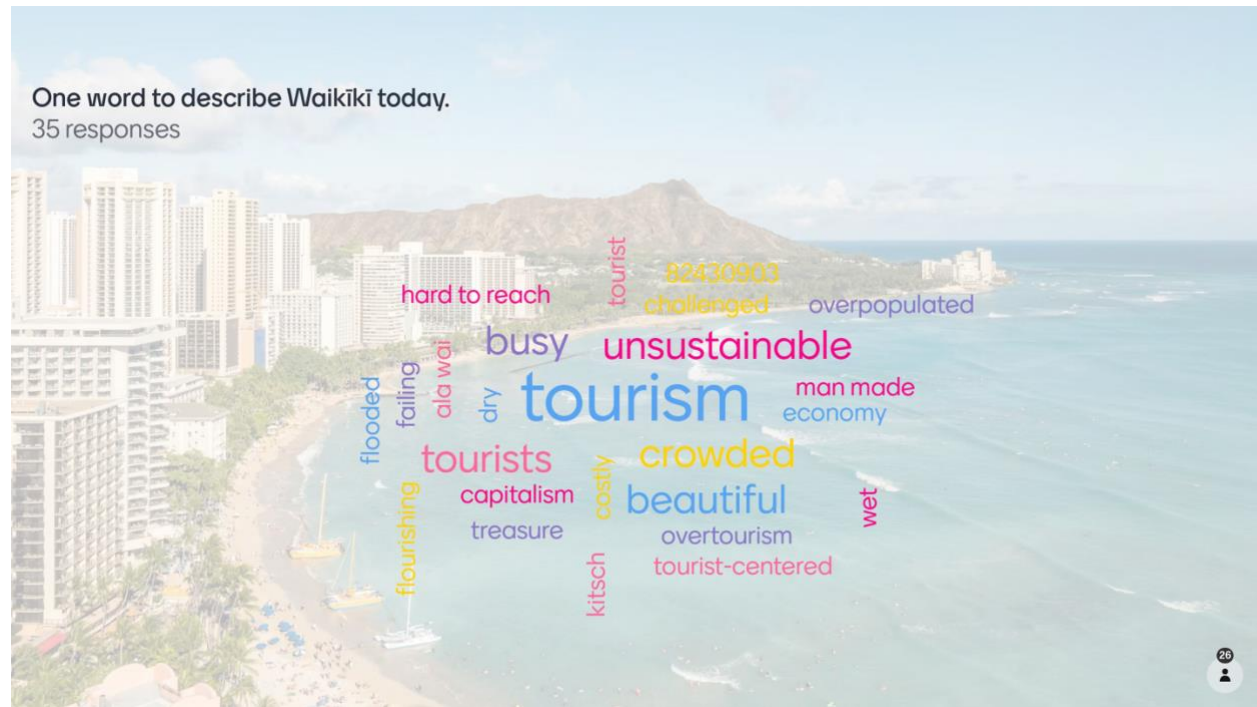
human implications



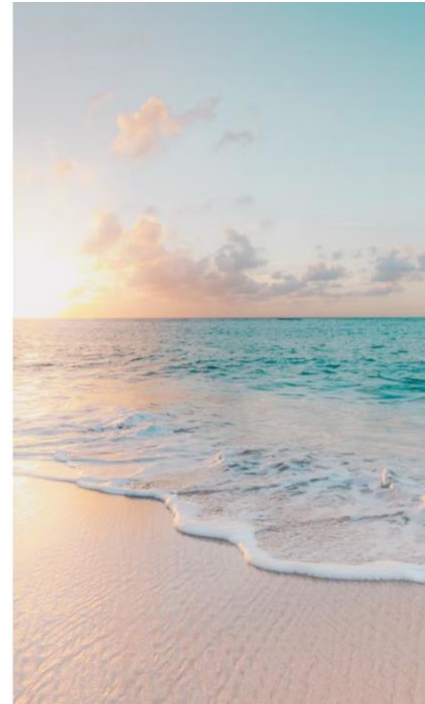
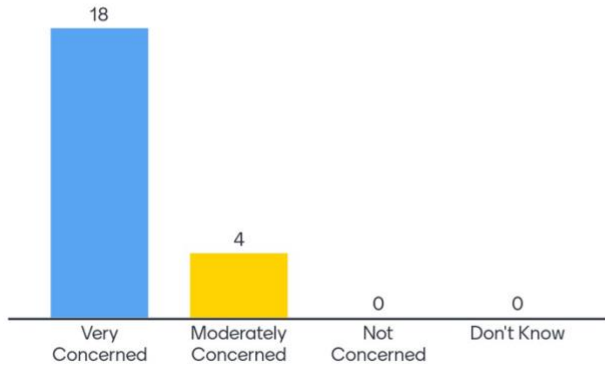
MEETING EVALUATION: How would you rate today's meeting?



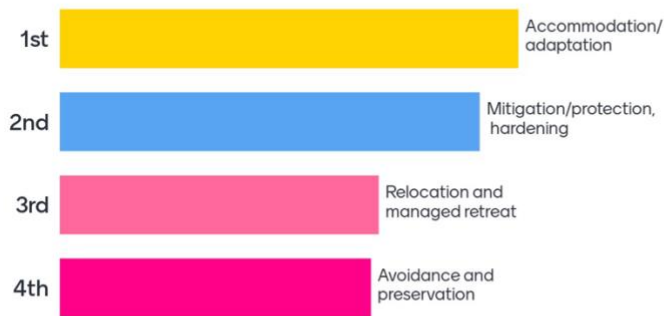
December 11, 2023 Menti-Meter Results



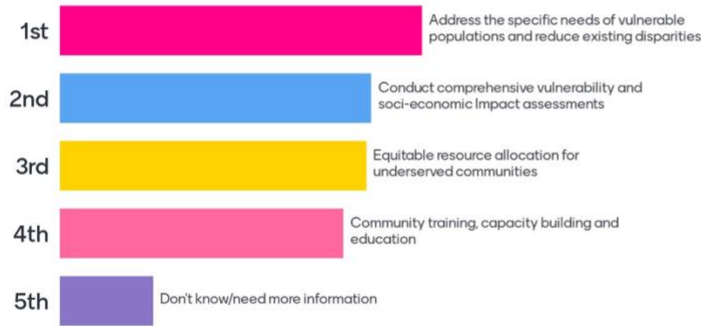
How concerned are you about the long-term (50-100 years) impacts of climate change including sea-level rise in Waikīkī?



Rank the following adaptation options for critical infrastructure in Waikīkī for the years 2050 to 2100 timeframe.



**How should equity and social justice considerations be included in Waikīkī's climate adaptation efforts?
(Please Rank)**



*Note, this question (above) was revised after the 12/04/23 meeting for clarity and more specificity.

Is there anything you wish we talked about more or less?

How do we make sure the native Hawaiian community is represented in this effort?	displaced populations	Potential costs.	Need more info on the actual strategies we are thinking about
More about how we adapt	More about prevention and avoidance	More about costs of adaptation pathways	Who will fund this? How will govt be in charge? Ensuring it's not another plan that won't be implemented



Is there anything you wish we talked about more or less?

More about places with sandy beaches and similar beach preservation laws. Less opinion on what adaptation options are not included yet viable, ie retreat. Leads the results.

Economic impacts and cost allocations to businesses and residents.

More on models - are they in place? How much did it cost and who paid

What are businesses/hotels/etc in Waikiki doing to address issues now?

Less precedent studies, more strategy for implementation

More community opportunities for input

More on shoreline laws

Integration with other similar efforts like the city's plan.

14

Is there anything you wish we talked about more or less?

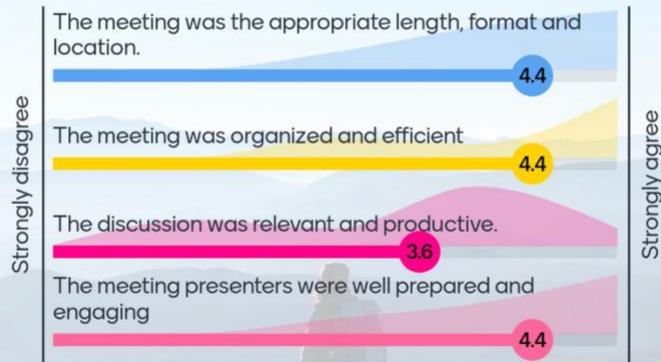
Need a stormwater management plan. Need to pump water

Need a collaboration framework. What is your scope, only to visualize, how will it be implemented?

14



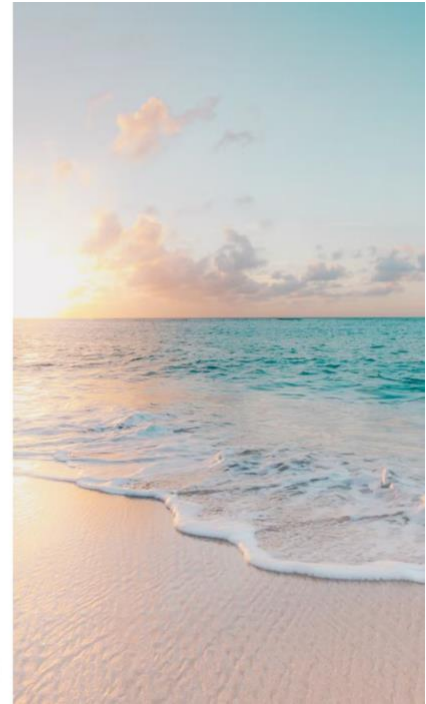
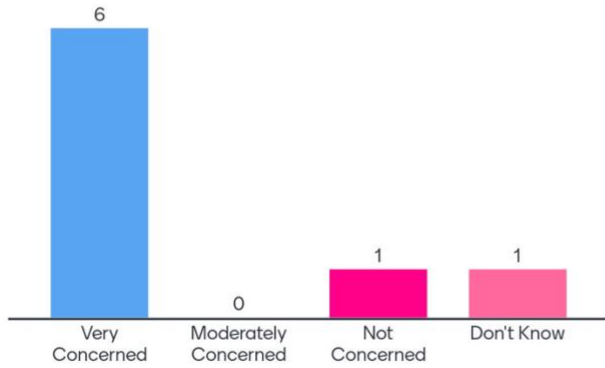
MEETING EVALUATION: How would you rate today's meeting?



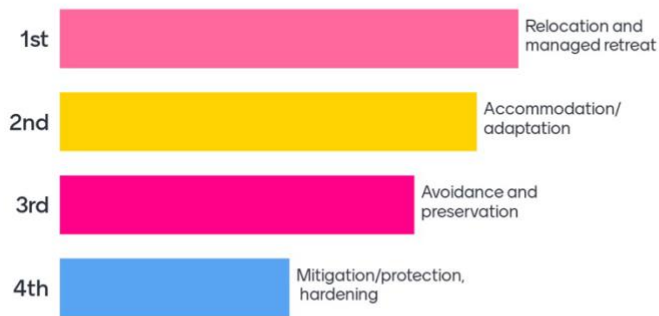
December 14, 2023 Menti-Meter Results



How concerned are you about the long-term (50-100 years) impacts of climate change including sea-level rise in Waikīkī?



Rank the following adaptation options for critical infrastructure in Waikīkī for the years 2050 to 2100 timeframe.



**How should equity and social justice considerations be included in Waikīkī's climate adaptation efforts?
(Please Rank)**



Is there anything you wish we talked about more?

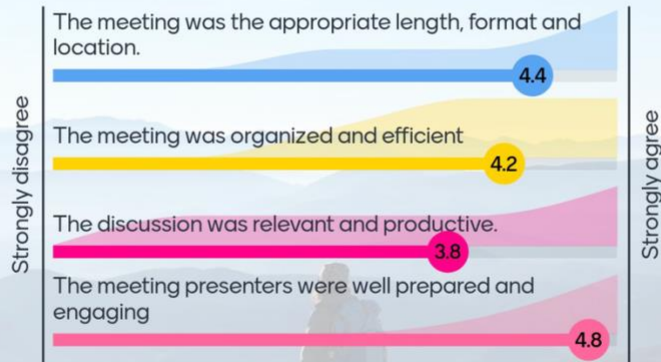
Nature-based solutions

you mentioned creating canals - what would the actual mechanics of creating canals look like? How do you convert roads? How would people transition to canals? etc.

Current beach restoration plans



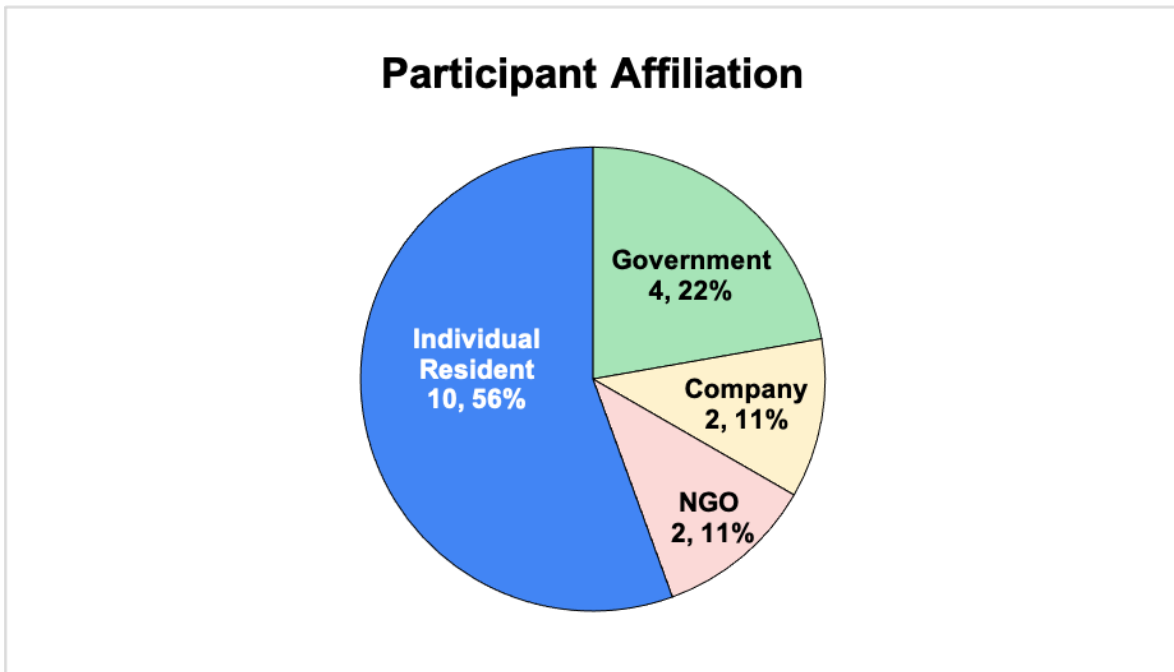
MEETING EVALUATION: How would you rate today's meeting?



Appendix B. Preliminary Community Resilience Survey Results
 As of May 15, 2024 (18 responses total) (<https://go.hawaii.edu/gCy>)

Background Information

Zip Code (Home)	Zip Code (Work)	Organization/Affiliation
96816	96815	County Government
96744	96817	Private Company
96825	96815	Private Company
96707	96707	Non-Governmental Organization
96822		County Government
96797		Individual/Resident
96795		Individual/Resident
96744	96795	Non-Governmental Organization
96828	96826	Coolidge & Surrounding Neighborhoods
96822		Individual/Resident
96815	96815	Individual/Resident
96822	96822	Individual/Resident
96822	96822	Individual/Resident
96815	96822	State Government
96813	96822	Individual/Resident
96826	96818	Individual/Resident
96815	96813	State Government
96825	96819	Individual/Resident



Question 1. Climate Change Impacts:

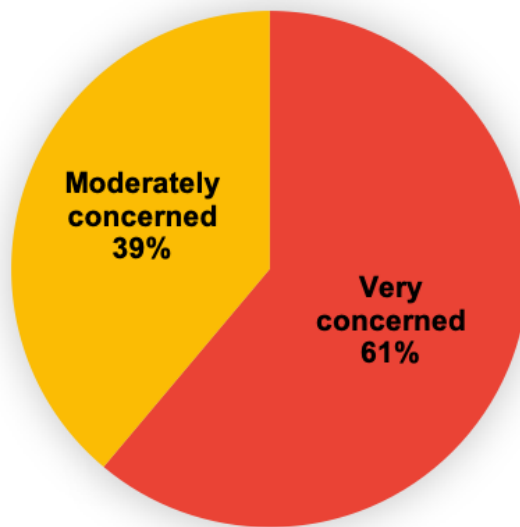
How concerned are you about the long-term (50-100 years from now) impacts of climate change including sea-level rise on Waikīkī? (Very, moderate, somewhat, not, not sure)

Figure 1. Map of the Sea-Level Rise Exposure Area for Waikīkī

(Credit: State of Hawai'i Sea Level Rise Viewer/PacIOOS)

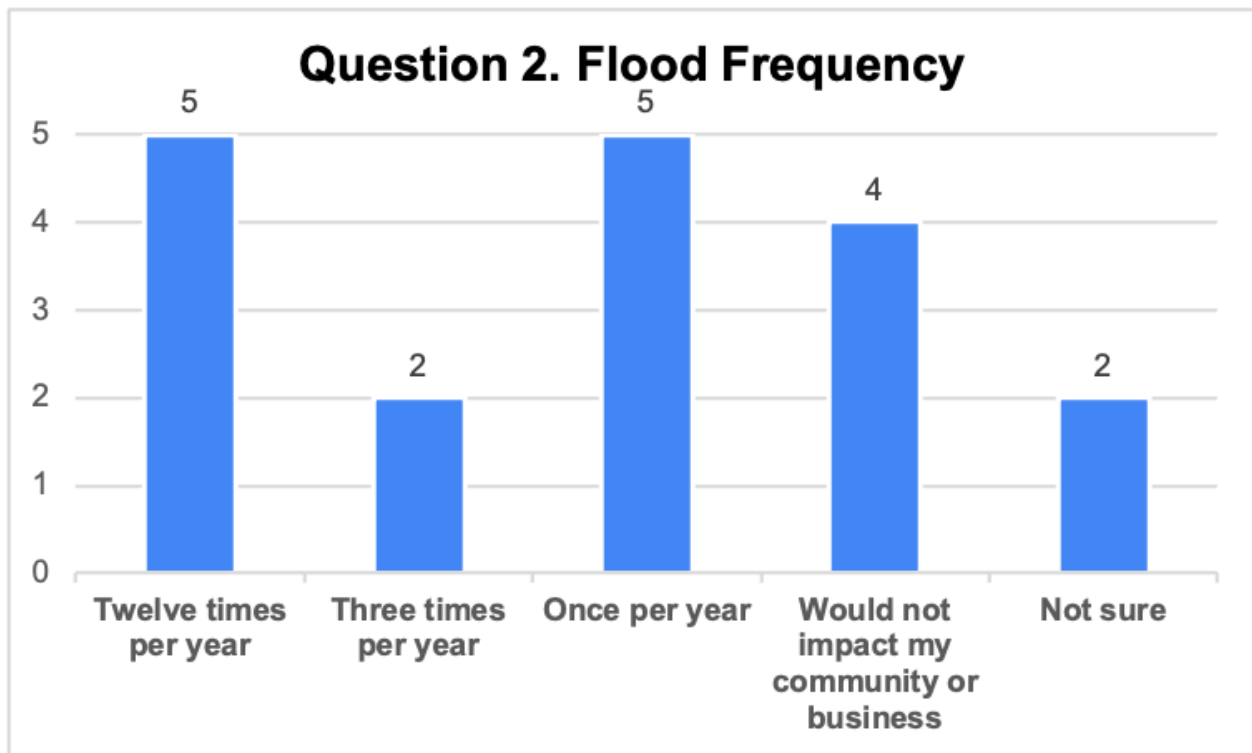


Question 1. Climate Change Impacts



Question 2. Flood Frequency

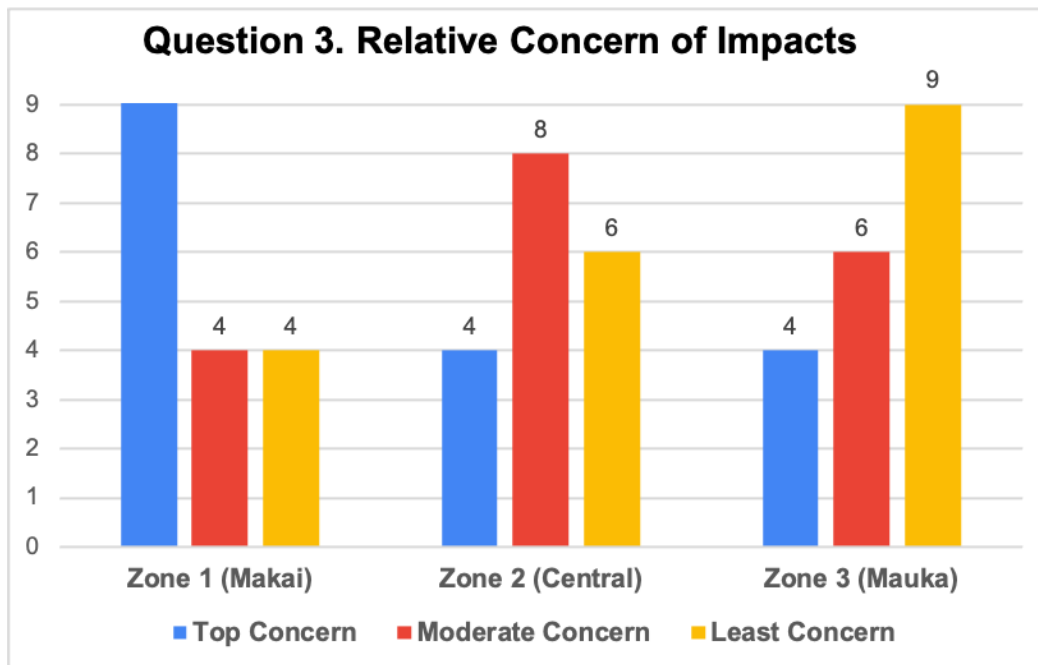
At what point would the frequency of inundation events in Waikīki (e.g., storm surge, king tides, coastal flooding, sea-level rise and groundwater inundation) resulting in flooding of ground and basement floors, streets and critical infrastructure significantly impact your community or business?



Question 3. Relative Concern of Impacts

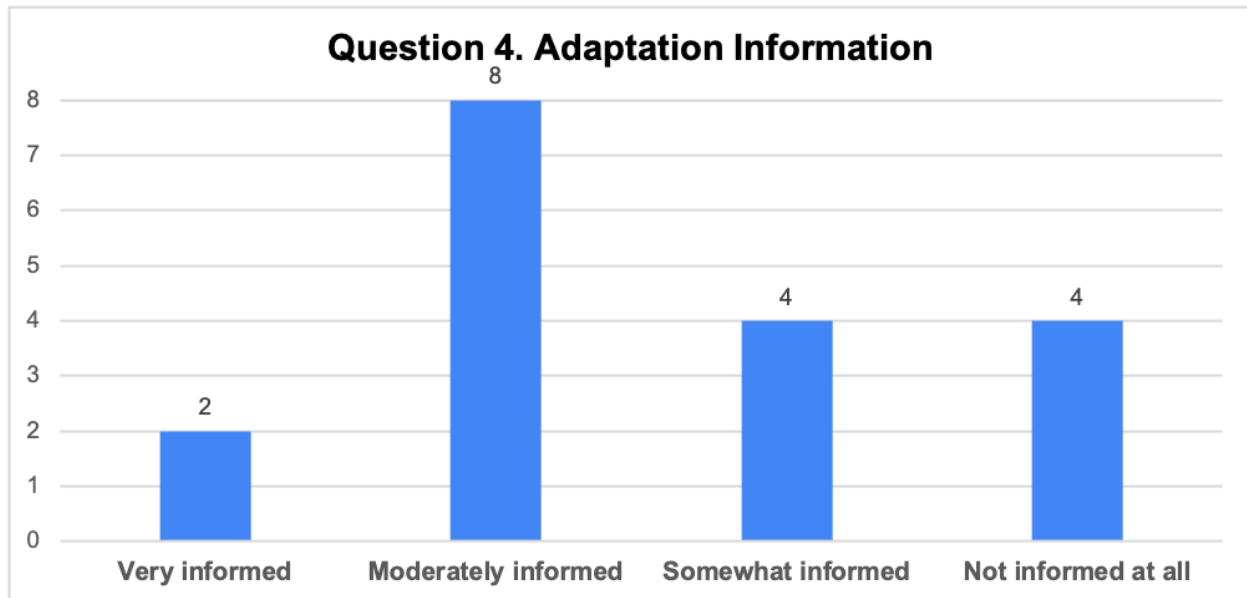
Which zones in Waikīkī most concern you in regards to the impacts of climate change and natural hazards? (Rank in order from most concerned to least concerned).

Waikīkī District Zones



Question 4. Adaptation Information

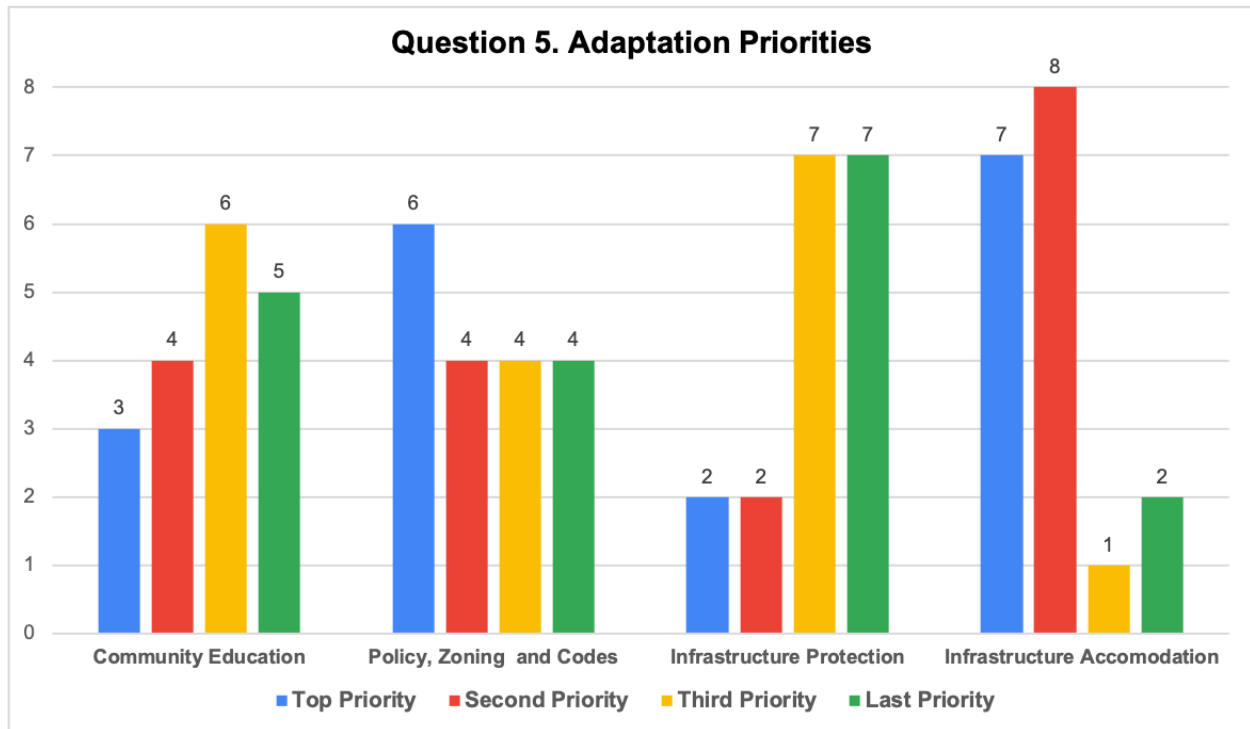
Do you feel that you/your organization are adequately informed on adaptation policy (e.g., policies, plans and strategies) in order to evaluate adaptation options to address the impacts of climate change, such as rising sea levels and increased storm intensity?



Question 5. Adaptation Priorities

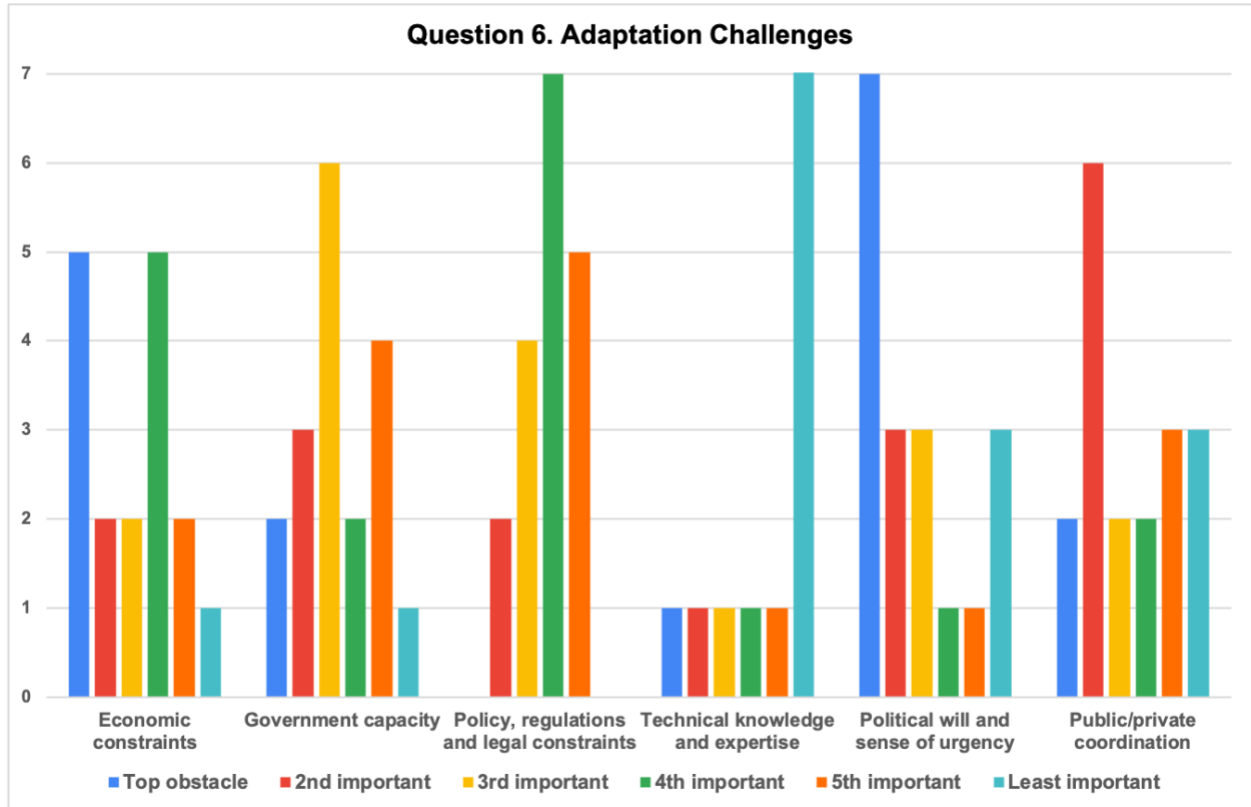
Adaptation strategies are plans and tools used to help make decisions on when to take actions to address threats from climate change and natural hazards. These plans include a sequence of manageable steps or decision points over a set time period.

Which actions should be prioritized in a near-term (within 50 years) resilience strategy for Waikīki? (Rank in order from most important to least important).



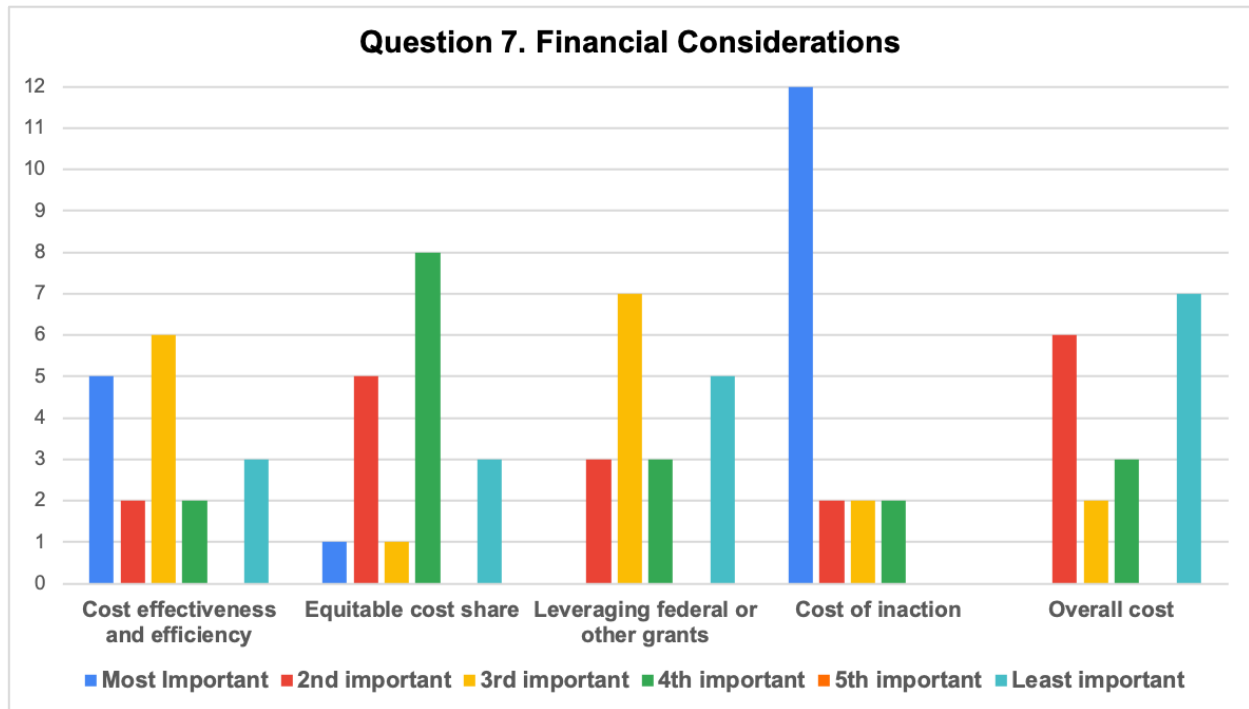
Question 6. Adaptation Challenges

What do you feel are the main obstacles to implementing effective long-term coastal resilience and adaptation measures in Waikīki?



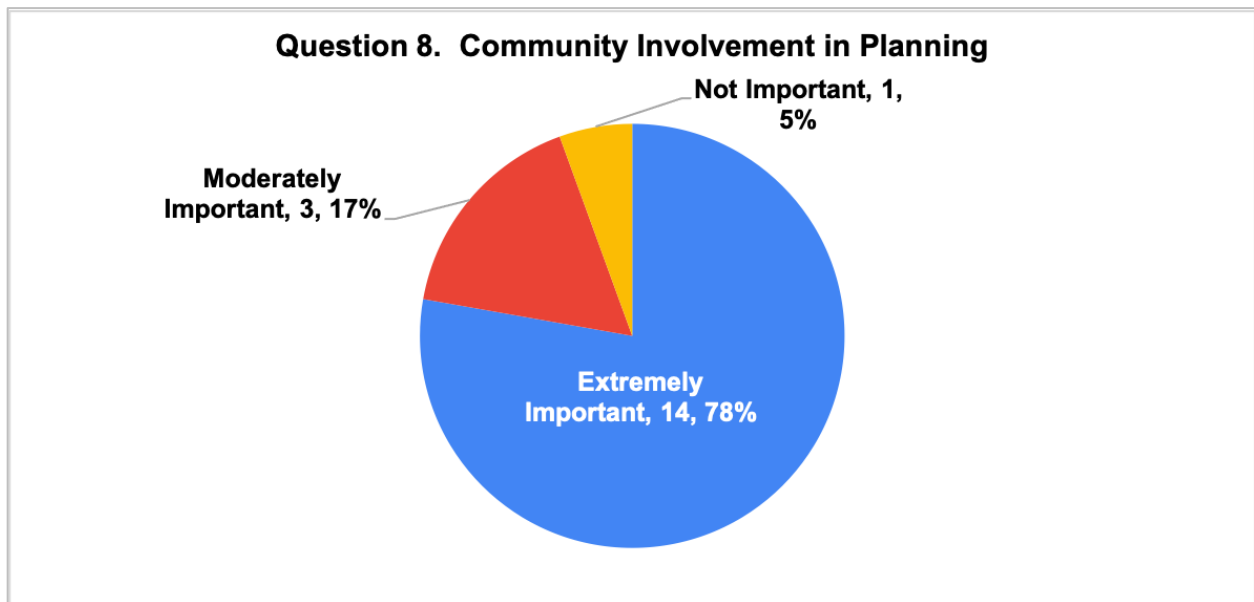
Question 7. Financial Considerations

Rank these financial considerations for adaptation measures in Waikīkī by importance.



Question 8. Community Involvement in Planning

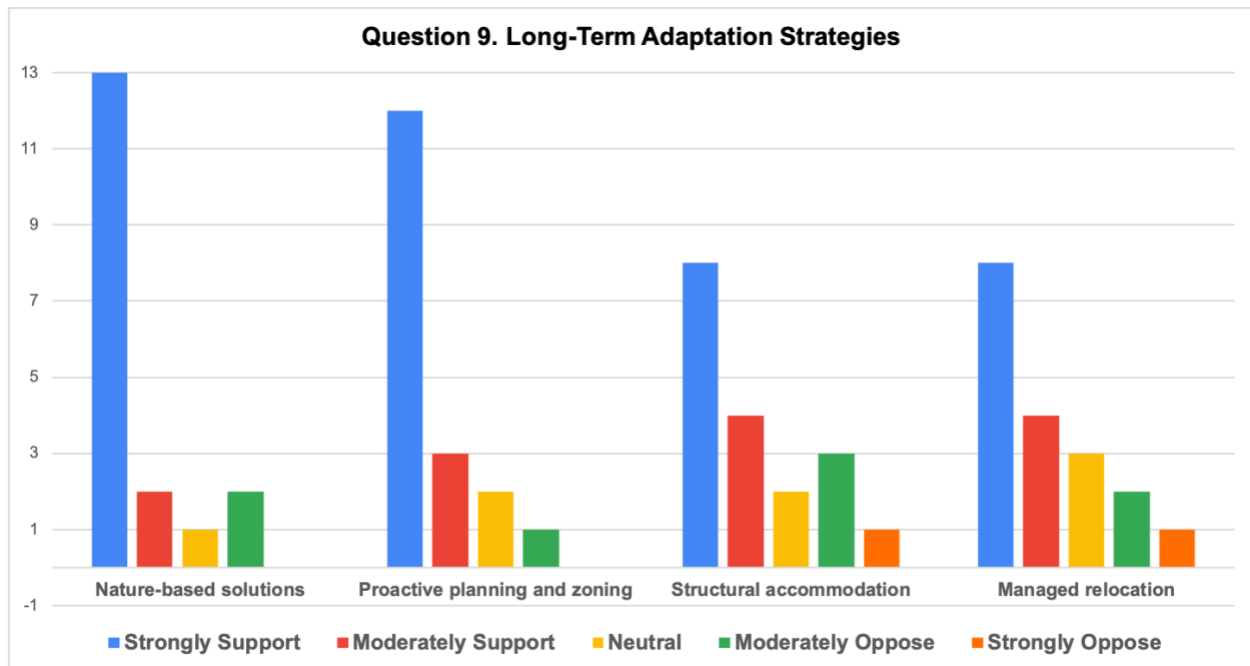
How important is it to involve local residents in decision-making processes related to adaptation visioning and planning?



Question 9. Adaptation Implementation

- Long-Term adaptation strategies for critical Infrastructure (transportation, power, water, sewer, etc..50-100 years)
- Defend in place, and mitigate hazards through hardening and engineering (e.g., seawalls, flood walls, structural reinforcement, etc.).
- Adapt through structural accommodation and on-site intervention techniques (e.g., elevate, dry-proof, wet-proof, floodable areas).
- Adapt by applying nature-based solutions where appropriate (e.g., increase open space, design for floodable greenways and blueways, provide ecosystem services, wetland, beach and reef restoration, etc.).
- Adapt through proactive planning and zoning (e.g., increase setback and elevation requirements, new flood codes and minimum design standards).
- Adapt through managed relocation for the most vulnerable areas (e.g., phased relocation of structures and infrastructure to less vulnerable areas).

Based on the descriptions above, please indicate your level of support or opposition for the following long-term adaptation strategies for Waikīki. (Choose your level of support for each strategy, strongly support to strongly oppose).



Question 10. Traditional Ecological Knowledge

Please share your knowledge of traditional, indigenous or bio-cultural practices that have historically helped to mitigate flood hazard risks in Hawai'i.

- Not building in wetlands like Waikīkī.
- I think this is really important to restore - as the traditional method is living sustainably with nature. Also restore the respect and recognition of the kingdom of Hawai'i.
- Less fear promotion by news. More education in true mitigation practices.
- Deep rooted plants, lo'i.
- I only know that Waikiki used to be a marshy, estuarine region with bountiful cultivation. This drainage system provided natural flood protection.
- Lo'i kalo and coastal wetlands
- Humans have a long history of altering the features of their environments. However, biocultural practices demonstrate ways in which these interactions can avoid exacerbating natural climatic events into "climate hazards" and provide examples of how to build resilience back into the built environment in the face of climate change..... Lo'i facilitated the movement of sediment, providing a place for sediment to settle and maintaining the water quality and marine ecosystem health. The framework that Waikīkī (and many other communities) were developed--filling of wetlands and diverting water to make "dry" land to build on--creates vulnerable communities. By restoring some of these features to Waikīkī, we may be able to integrate resilience into the community structure.
- Lo'i, fishponds, ahupua'a management

Question 11. Waikīkī in the year 2100

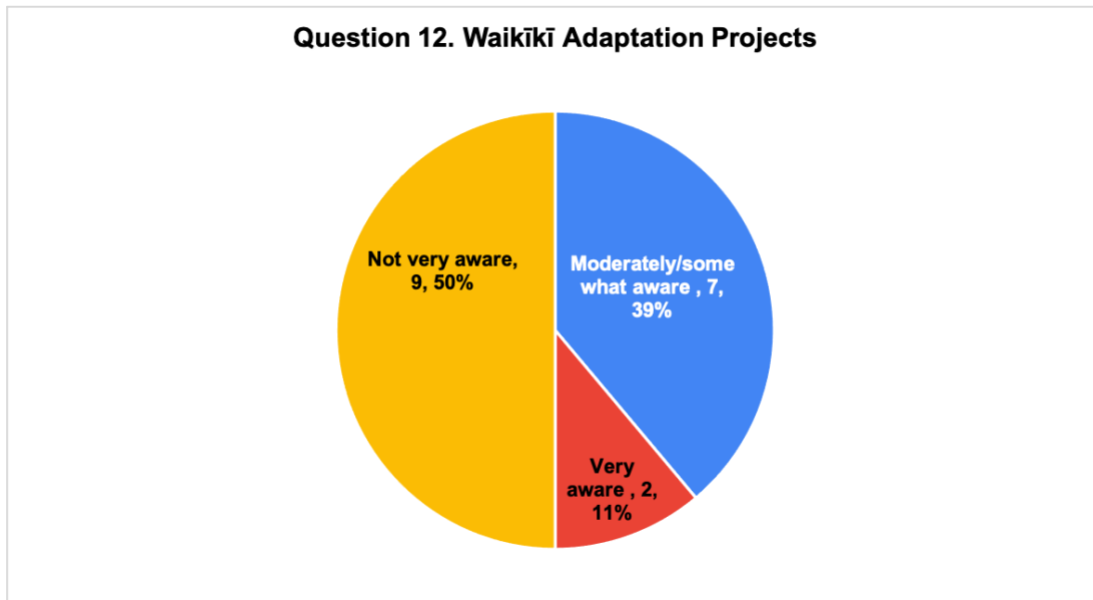
How do you envision Waikīkī in the year 2100?

- Under water.
- Either a story higher than it is now or underwater.
- In need of continued stewardship or else likely gone/underwater.
- We can't afford to raise 6 to 9ft wall on the canal and keeping pollution.
- Hopefully beautiful and green with high levels of improvements to combat sea level rise and climate change.
- I hope that it will be green and striving.
- Hopefully above water.
- Look to Nauru for timeline with new data.
- As of right now if we keep going down this path, it will probably be a mess.
- The ocean will reclaim Waikiki in many places and that people will continue to insert stop-gap measures that will become increasingly unsightly, inhibitory, and useless.
- Smaller than it is today and ideally less of a tourist trap
- Natural coastal features restored; natural waterways restored; features of built environment serving the local community needs--not capitalist wants or the tourist/consumer economy.
- The flood map you provide captures it. Could be more or less flooded-- if no action is taken. But if we do take action, we can raise and move buildings and infrastructure.
- Still there.
- Run down and sad
- Like Venice, some canals required.



Question 12. Waikīkī Adaptation Projects

How aware are you of local climate adaptation initiatives or projects aimed at enhancing resilience in Waikīkī?



Question 13. Waikīkī Adaptation Projects

Any additional thoughts, concerns or comments about adaptation and resilience in Waikīkī? Please provide relevant examples from answers above.

- Ocean Safety saw a tower knocked into the ocean by king tides; we are busy ensuring the rest of our towers are moveable. Any conversation on the changing land and seascapes of Waikiki needs to include lifeguards.
- I would really like to see strategic plans to adapt to this problem! Would like to see this on the news and spreading awareness about this plan!
- 50-100 years is too optimistic
- Hopefully this adaptation can help Waikīkī become more sustainable as well.
- I'm most aware of the USACE efforts to build up around the Ala Wai Canal and prevent flooding. But I would prefer to see natural solutions implemented further up the watershed and along the golf course.
- Going forward Waikiki may not be the economic engine it once was so we have to look at ways of diversifying the economy to be less tourism dependent.
- The Ala Wai Centennial Memorial project by Sean Connelly (2019); The Ala Wai Watershed Association; Make the Ala Wai Awesome Competition (2017, UHM).
- Ala Wai flood project, visioning and planning project, ground water monitoring, beach nourishment, king tide monitoring, community outreach and education via Sea Grant.
- I have looked at some of the previous adaptation designs and planning documents available on the WRAP website.
- Thanks for all the effort guys!
- Give more space to bike and peds.
- I support taking action with experts from around the world even if it costs a premium

Appendix C. Outreach Meeting Attendance

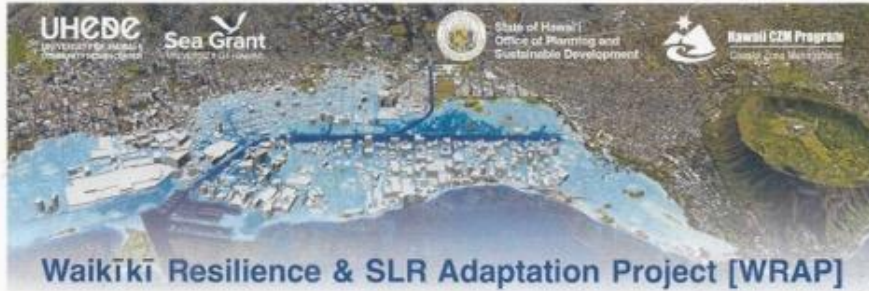
December 4, 2023 Meeting (Zoom)

Registrants for 'WRAP Stakeholder Meeting #1 (Environmental and NGO) (Via Zoom)'

Search by name or email			Search
<input type="checkbox"/>	Registrants	Email Address	Registration Date
<input type="checkbox"/>	Dolan Eversole	eversole@hawaii.edu	Dec 3, 2023 10:53 AM Copy
<input type="checkbox"/>	Mandy McCarty	miranda@hawaiiagreengrowth.org	Nov 24, 2023 10:44 AM Copy
<input type="checkbox"/>	Shelley Gustafson	shelley@hawaiiagreengrowth.org	Nov 22, 2023 05:02 PM Copy
<input type="checkbox"/>	Kurt Lager	klager@honolulu.gov	Nov 22, 2023 03:08 PM Copy
<input type="checkbox"/>	John Titchen	john.titchen@honolulu.gov	Nov 22, 2023 03:02 PM Copy
<input type="checkbox"/>	Kathleen Rooney	krooney@ulupono.com	Nov 22, 2023 02:53 PM Copy
<input type="checkbox"/>	Roxanne Adams	roxanne.adams@honolulu.gov	Nov 22, 2023 02:48 PM Copy
<input type="checkbox"/>	Traci Bush	tracib@waikikibeachservices.com	Nov 22, 2023 12:12 PM Copy
<input type="checkbox"/>	Jeremy Kimura	jkimura@ulupono.com	Nov 22, 2023 09:58 AM Copy
<input type="checkbox"/>	Celeste Connors	Celeste@hawaiiagreengrowth.org	Nov 22, 2023 09:31 AM Copy
<input type="checkbox"/>	Debra Mendes	debra.l.mendes@hawaii.gov	Nov 22, 2023 08:50 AM Copy
<input type="checkbox"/>	Kahi Pacarro	kahi@parley.tv	Nov 22, 2023 07:54 AM Copy
<input type="checkbox"/>	keone downing	keone@downingsurf.com	Nov 22, 2023 07:48 AM Copy
<input type="checkbox"/>	Winston Welch	winstonwelch@gmail.com	Nov 21, 2023 07:01 PM Copy



December 11, 2023 Meeting (Hybrid)



Waikiki Resilience & SLR Adaptation Project [WRAP]

Community Outreach and Project Briefing

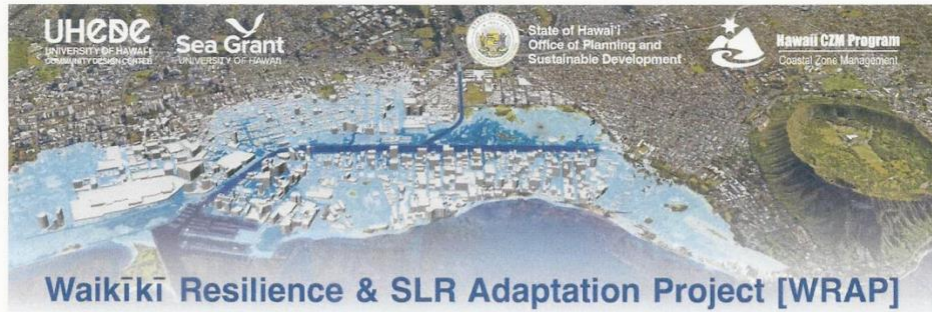
December, 11 2023

Ala Wai Golf Course Clubhouse

Sign-in Sheet

Name	Organization/ Role	Email Address
Emily Sobolewski Knight	UHDCDC	emilysk@hawaii.edu
ALZIRA FERNANDES	UHDCDC	ALZIRA@HAWAII.EDU
Jennifer Ropiak	Condo	jropiak@gmail.com
BRANDON AU	CSC/PPR/DF	baa@hoholulu.gov
Debra Mendes	OPSD CDM	debra.L.Mendes@hawaii.gov
Terence Young	Rider Levett Bucknall Project Manager	terence.young@us.rlb.com
Paul Cynn	BlueHawaiiFund	ideahunteroon@gmail.com
Shawn Mminaki	Senate	shawnminaki@capitol.hawaii.gov
Kerry Coeb	ISL Faculty UHM	kloeb@hawaii.edu





Waikiki Resilience & SLR Adaptation Project [WRAP]

Name	Organization/ Role	Email Address
Dwane Fisher	Storn O'Toole	dfisher@stornlaw.com
Evan Lui-Kwan	"	ilui@stornlaw.com
Mandy McCarty	Hawaii Green Growth	miranda@hawaii greengrowth.org
Elena Arinaga	Hawaii i Green Growth	elena@hawaii greengrowth.org
Adrian Tam	State House	reptam@capitol.hawaii.gov

Registrants for 'WRAP Community Meeting (Zoom Meeting)'

<input type="checkbox"/>	Registrants	Email Address	Registration Date	
<input type="checkbox"/>	Dolan Eversole	eversole@hawaii.edu	Dec 14, 2023 09:05 AM	<input type="button" value="Copy"/>
<input type="checkbox"/>	Jill Kuramoto	jill.kuramoto@khon2.com	Dec 11, 2023 12:00 PM	<input type="button" value="Copy"/>
<input type="checkbox"/>	C Olah	Tropicalhawaii@aol.com	Dec 11, 2023 11:10 AM	<input type="button" value="Copy"/>
<input type="checkbox"/>	Keoki Limasa-Viena	christ8o8klv@gmail.com	Dec 11, 2023 11:03 AM	<input type="button" value="Copy"/>
<input type="checkbox"/>	Claire Rossi de Leon	c.rossideleon@honolulu.gov	Dec 11, 2023 10:32 AM	<input type="button" value="Copy"/>
<input type="checkbox"/>	Rachel Beasley	rachel.e.beasley@hawaii.gov	Dec 8, 2023 04:24 PM	<input type="button" value="Copy"/>
<input type="checkbox"/>	Flora Samis	f.samis@capitol.hawaii.gov	Dec 8, 2023 08:46 AM	<input type="button" value="Copy"/>
<input type="checkbox"/>	Robert Finley	bob22224@gmail.com	Dec 7, 2023 11:36 AM	<input type="button" value="Copy"/>
<input type="checkbox"/>	Kirsten Turner	kturner@hawaii.edu	Dec 6, 2023 07:10 PM	<input type="button" value="Copy"/>
<input type="checkbox"/>	Catherine Courtney	kitty.courtney@tetratex.com	Dec 4, 2023 11:27 AM	<input type="button" value="Copy"/>
<input type="checkbox"/>	Darwina Griffin	dgriffin@hbws.org	Dec 4, 2023 08:46 AM	<input type="button" value="Copy"/>
<input type="checkbox"/>	Christopher Sugimoto	csugimoto@hbws.org	Dec 4, 2023 08:33 AM	<input type="button" value="Copy"/>
<input type="checkbox"/>	Ollie Lau	olau@ssfm.com	Dec 4, 2023 08:23 AM	<input type="button" value="Copy"/>
<input type="checkbox"/>	Dominic Dias	ddias@hbws.org	Dec 4, 2023 07:49 AM	<input type="button" value="Copy"/>
<input type="checkbox"/>	Barry Usagawa	busagawa@hbws.org	Dec 1, 2023 04:54 PM	<input type="button" value="Copy"/>

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Registrants for 'WRAP Community Meeting (Zoom Meeting)'

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<input type="checkbox"/>	Registrants	Email Address	Registration Date	
<input type="checkbox"/>	Roger Babcock	roger.babcock@honolulu.gov	Dec 1, 2023 03:43 PM	Copy
<input type="checkbox"/>	Jonathan Winger	jwinger@designparterni.sinc.com	Dec 1, 2023 07:40 AM	Copy
<input type="checkbox"/>	Emily Hauck	emily.hauck@navy.mil	Nov 30, 2023 11:30 AM	Copy
<input type="checkbox"/>	Tommy Waters	tommy.waters@honolulu.gov	Nov 29, 2023 10:59 AM	Copy
<input type="checkbox"/>	April Coloretti	acoloretti@honolulu.gov	Nov 29, 2023 10:58 AM	Copy
<input type="checkbox"/>	Nancy Cassandro	nancythenac@gmail.com	Nov 28, 2023 02:41 PM	Copy
<input type="checkbox"/>	Jason Ito	Jaso.ito@kyo-yaco.coM	Nov 27, 2023 12:38 PM	Copy
<input type="checkbox"/>	Yasu Ishikawa	yasuhiko.ishikawa@kyo-yaco.com	Nov 27, 2023 11:56 AM	Copy
<input type="checkbox"/>	Yasu Ishikawa	yasuiko.ishikawa@kyo-yaco.com	Nov 27, 2023 11:30 AM	Copy
<input type="checkbox"/>	Harzali Hashim	harzali.hashim@sheraton.com	Nov 27, 2023 11:22 AM	Copy
<input type="checkbox"/>	Traci Bush	tracib@waikikibeachservices.com	Nov 25, 2023 03:32 PM	Copy
<input type="checkbox"/>	Dina Wong	dwong6@honolulu.gov	Nov 24, 2023 08:18 AM	Copy
<input type="checkbox"/>	Dean Nakano	dnakano@brwncaled.com	Nov 22, 2023 04:08 PM	Copy
<input type="checkbox"/>	Shichao Li	shichao.li@hawaii.gov	Nov 22, 2023 03:33 PM	Copy
<input type="checkbox"/>	Jessica Baia	jbaiza@calpoly.edu	Nov 21, 2023 08:42 AM	Copy

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December 14, 2023 Meeting (Zoom)

Registrants for 'WRAP Stakeholder Meeting #2 (Business and Government- Via Zoom)'

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<input type="checkbox"/> Registrants	Email Address	Registration Date	
<input type="checkbox"/> Melissa May	mmay@ssfm.com	Dec 14, 2023 10:02 AM	Copy
<input type="checkbox"/> Catherine Courtney	kitty.courtney@tetrat h.com	Dec 14, 2023 10:00 AM	Copy
<input type="checkbox"/> Emily Sobolewski Knight	emilysk@hawaii.edu	Dec 14, 2023 09:57 AM	Copy
<input type="checkbox"/> Judith Stilgenbauer	jstilg@hawaii.edu	Dec 14, 2023 09:56 AM	Copy
<input type="checkbox"/> Brad Romine	romine@hawaii.edu	Dec 14, 2023 09:49 AM	Copy
<input type="checkbox"/> Melanie Lander	melaniemetal@gmail.c om	Dec 14, 2023 09:45 AM	Copy
<input type="checkbox"/> Shannon Ball	Sball@elkslodge616.org	Dec 14, 2023 09:33 AM	Copy
<input type="checkbox"/> Dolan Eversole	eversole@hawaii.edu	Dec 14, 2023 09:08 AM	Copy
<input type="checkbox"/> Calvin Hara	cmhara@comcast.net	Dec 14, 2023 07:48 AM	Copy
<input type="checkbox"/> Jennifer Tom	jetom@ksbe.edu	Dec 13, 2023 03:27 PM	Copy
<input type="checkbox"/> Amy Wirts	awirts@hawaii.edu	Dec 13, 2023 03:14 PM	Copy
<input type="checkbox"/> Laurie Foster	laurie@bcrhawaii.com	Dec 13, 2023 03:04 PM	Copy
<input type="checkbox"/> Tyler Roukema	troukema@outriggerca noeclub.com	Dec 13, 2023 02:41 PM	Copy
<input type="checkbox"/> Rachel Beasley	rachel.e.beasley@hawa ii.gov	Dec 8, 2023 04:24 PM	Copy
<input type="checkbox"/> Noelle Cole	noelle.cole@honolulu.g ov	Dec 8, 2023 10:20 AM	Copy

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Registrants for 'WRAP Stakeholder Meeting #2 (Business and Government- Via Zoom)'

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<input type="checkbox"/> Registrants	Email Address	Registration Date	
<input type="checkbox"/> Tommy Waters	tommy.waters@honolulu.gov	Dec 5, 2023 02:47 PM	Copy
<input type="checkbox"/> Kurt Lager	klager@honolulu.gov	Dec 4, 2023 01:57 PM	Copy
<input type="checkbox"/> Ollie Lau	olau@ssfm.com	Dec 4, 2023 08:24 AM	Copy
<input type="checkbox"/> David Smith	dsmith@seaengineering.com	Dec 4, 2023 06:24 AM	Copy
<input type="checkbox"/> Chris Conger	cconger@seaengineering.com	Dec 3, 2023 07:14 AM	Copy
<input type="checkbox"/> Makena Coffman	makenaka@hawaii.edu	Nov 30, 2023 05:52 PM	Copy
<input type="checkbox"/> Darren Lerner	lerner@hawaii.edu	Nov 27, 2023 10:50 AM	Copy
<input type="checkbox"/> Matthew Gonser	matthew.gonser@honolulu.gov	Nov 27, 2023 10:35 AM	Copy
<input type="checkbox"/> Debra Mendes	debra.l.mendes@hawaii.gov	Nov 27, 2023 09:16 AM	Copy
<input type="checkbox"/> Jeff Wagoner	jeff.wagoner@outrigger.com	Nov 27, 2023 08:36 AM	Copy
<input type="checkbox"/> Traci Bush	tracib@waikikibeachservices.com	Nov 27, 2023 08:35 AM	Copy
<input type="checkbox"/> Cathi Schar	cathi@hawaii.edu	Nov 26, 2023 05:52 PM	Copy
<input type="checkbox"/> Alana Pakkala	alana@kobayashi-group.com	Nov 26, 2023 04:24 PM	Copy

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