

**MINUTES FOR
THE MEETING OF THE
HAWAI'I CLIMATE CHANGE MITIGATION
AND ADAPTATION COMMISSION**

DATE: WEDNESDAY, OCTOBER 11, 2017
TIME: 8:30 AM
PLACE: HILTON HAWAIIAN VILLAGE
CORAL BALLROOM 1 & 2
2005 KALIA ROAD
HONOLULU, HAWAI'I 96815

MEMBERS

Suzanne Case, Co-Chair, Department of Land &
Natural Resources
Leo Asuncion, Co-Chair, Office of Planning
Louis Salaveria, Department of Business,
Economic Development & Tourism
Rick Fried, Hawai'i Tourism Authority
Phyllis Shimabukuro-Geiser, representative for
the Department of Agriculture,
Kealoha Fox, representative for the Office of
Hawaiian Affairs
Jobie Masagatani, Department of Hawai'i
Homeland
Jade Butay, Department of Transportation
Keith Kawaoka, representative for the
Department of Health
Major General Arthur Logan, Department of
Defense
Dan Carlson; representative for the Department
of Education

Joshua Stanbro, City and County of Honolulu,
representative for the Department of
Planning & Permitting
Michelle McLean, representative for the County
of Maui, Department of Planning
Michael Yee, County of Hawai'i, Department of
Planning
Jodi Galinato, representative for the County of
Kaua'i, Department of Planning
Justine Nihipali, Coastal Zone Management
Program
Senator Mike Gabbard, Chair of the Senate
Committee on Agriculture and
Environment
Senator Lorraine Inouye, Chair of the Senate
Committee on Transportation and Energy
Representative Chris Lee, Chair of the House
Committee on Energy & Environmental
Protection

OTHERS

Jeffrey Dack,
Alexa Jacroux Biggs,
Veronica Manz
Jo Anne Young
Ron Whitmore
Sandy Ma
Keone Downing
Scott Seu
Stacie Tanouchi
Jane Schoonmaker

Marianne Rossio
Ben Sullivan
Rob Parson
Anu Hittle
Keith Bettinger
Joe Logan
Vern Miyagi
April Surprenant
Adam Green
Melanie Lander

Dave Raney
Julie Yunker
Joseph Shacat
Mike Madsen
Pam Weiant
Cindy Knapman
Randy Ching
Thomas Oi
Kelly Gunn
Matt Coke

OTHERS (CONTINUED)

Chip Fletcher	Jessie Faige	Justin Gruestien	Leah Laramee
Melodie Aduja	Jordann Ares	Samuel Kippen	Danielle Bass
Senator Rosalyn Baker	Pat Gegen	Katy Hintzen	Bruce Anderson
Stu Golderg	Senator J. Kalani English	Rachel Matsuda	Edwin Maststuda
Kevin Gooding	Michelle Moore	Jen Wilbur	Jill Kawamoto
Carilyn Shon	Jason Ito	Albie Miles	Kaiwi Yoon
Dan Dennison	Dolan Eversole	David Rodriguez	Mark Nakashima
Rick Egged	Larry Kobayashi	Rob Lee	Mark Fox
Eugene Takahashi	Nicole Chatterson	Mike Tosatto	Wendy Miles
David Kiernan	Hunter Heavilin	Jennifer Nakayama	Bill Tam
Mike Wilson	Andrei Shkvorov	Valerie Poindexter	Erik Kvam
Breanna Rose	Radha K. Martin	Teresa Kaneakua	Kauai Burgess
Scott Glenn	Allyn tam	Kay Fukuhara	Representative
Kalani Kaahaana	Asia Yeary	Matthew Gonser	Richard Cregan
Malachi Krishole	Phillip Lahaela	Victoria Keener	
Lenore Ohye	Walter	Celeste Connors	
		Kathy Sokugawa	

*** Please note that the names under the OTHERS section are those who provided their names on the sign-in sheet. Some individuals have been omitted due to the illegibility of their name. ***

Meeting called to order by Co-Chair Case at 8:44 a.m.

Co-Chair Case opened the meeting and gave a brief overview of the agenda for the day.

Remarks by Governor David Y. Ige:

Governor Ige delivered opening remarks regarding climate change and the Climate Commission. He touched on Hawaii's pro-active response to climate change, the State's commitment to 100% renewable, clean energy, and the State's participation in the Paris Accord.

Status Update – Sea Level Rise Vulnerability & Adaptation Report:

Mr. Sam Lemmo, Administrator of the Department of Land and Natural Resources (DLNR), Office of Conservation and Coastal Lands (OCCL), gave a short overview of the Hawai'i Climate Change Mitigation and Adaptation Initiative (Act 32, 2017 SLH) and the overall concept of the forthcoming Hawai'i Sea Level Rise Vulnerability & Adaptation Report (Report). He stressed that the Report is a technical report, not an adaptation plan, based on the best available climate science. More information can be found on the Hawai'i Climate Adaptation Portal (<http://climateadapatation.hawaii.gov>) which also provides additional resources and materials regarding climate change.

Dr. Brad Romine, of Hawai'i Sea Grant and the OCCL, gave a presentation regarding the outlook of sea level rise (SLR) and about the sea level rise projections that were used for the hazard modeling in the Report. He noted that projections from a more recent 2017 National Oceanic and Atmospheric Administration (NOAA) report state that it is physically plausible that the global mean (extreme, upper end) SLR could be anywhere from 6.5 to 8.6 feet and that three (3) feet of SLR has now become an intermediate scenario. Therefore, for the purposes of the SLR report, 1 foot of SLR is considered the present to near term scenario and 3 feel of SLR is the scenario for the second half of this century.

Dr. Kitty Courtney, of Tetra Tech, Inc., gave a presentation on the SLR vulnerability assessment results and recommendations. Three chronic flooding hazards were modeled: passive “bathtub” flooding, annual high wave flooding, and coastal erosion. The footprints of these three hazards were combined to create the sea level rise exposure area (SLR-XA). Each of the hazards was modeled for four future sea level rise scenarios: 0.6 foot, 1.0 foot, 2.0 feet and 3.2 feet. She also went briefly over the Recommendation Section followed by the next steps which involve incorporating comments from the former Interagency Climate Adaptation Committee and the Climate Commission, preparation of the Final Report, and convening the Commission to vote on the Report.

10:00 AM RECESS

10:19 AM RECONVENED

Co-Chair Case asked the Commissioners to introduce themselves.

Co-Chair Case invited Senator J. Kalani English to share a few words.

Hawai‘i Climate Change Mitigation & Adaptation Commission Setting of Priorities

Commission Discussion:

The Commissioners expressed the desire to continue the conversation regarding energy and global emissions, but also had clarifying questions regarding the topic to understand where Hawai‘i is exactly in regards to the Paris Accord commitment and the State’s commitment to renewable energy.

Public Testimony

Members of the public provided the following topics regarding possible priorities for the Commissioners’ consideration:

- Establish overall goals and priorities regarding climate change before choosing specific areas to focus on.
- Focus on energy conservation by establishing Hawaii’s baseline regarding reducing carbon emissions, future goals for the State, and how it fits in with the Paris Accord goals, encouraging the use of carbon credits to reduce greenhouse gas emissions, encouraging the continuation of solar and hybrid/electric cars incentives.
- Take action on recommendations for adaptation from sea level rise report.
- Update Hawaii’s preparedness for hurricanes and other events.
- Focus on integrated land use planning.
- Focus on making recommendations that are practical for citizens to participate in.
- Evaluate the vulnerabilities of Hawaii’s food and agricultural sector.
- Conservation of critical habitats to will be negatively impacted by SLR.
- Focus on mitigation rather than adaptation.
- Focus on sustainable development at the local level.
- Focus on mitigation for impacts to natural environments while also addressing human impacts.
- Integrate better with existing, ongoing initiatives and create a unified, evaluation-based framework.

Commission Discussion:

Commissioners felt that they heard two (2) important priorities come out of the public testimony, the first being SLR and its impacts and the second being the Paris Accord. Some felt that the Commission should focus on one or the other and as Act 32 identified that the legislative intent was to start with SLR, the Commission should start with that as an area of focus regarding implementing actions through the

legislature and echoing immediate concern with impacts with hurricanes, etc. However, when addressing SLR and its impacts, other Commissioners were concerned regarding sources of funding that would be needed implement some of the recommendations from the Report. It was stated that the Commission would need meaningful metrics to get funding from the legislature. That way, when looking at the bigger picture, the Commission could align price point with moral obligation.

Next Steps:

- Determine where we are in regards to mitigation and compare to Paris Accord goals;
- Commissioners would like to review internally where each agency is on both mitigation and adaptation; and
- Final review of SLR Report for proposal for adoption.

Setting of Date, Place, and Time for the Next Meeting

The Commission discussed that the next meeting should be held in December as the Final SLR Report is due to the Legislature at the end of the year.

There being no further business, Co-Chair Case adjourned the meeting at 12:05 p.m. Recording(s) of the meeting are filed with the OCCL and available for review. Video recordings of the meeting can be found online at <http://climateadaptation.hawaii.gov/meetings/>.

Respectfully submitted,



Lauren E. Yasaka

Approved for Submittal:



Suzanne D. Case, Co-Chair
Department of Land and Natural Resources

Leo R. Asuncion, Co-Chair
Office of Planning