



2020 Pacific Islands Climate Adaptation Science Summit

November 17-18, 2020

(November 18-19 in the Western Pacific, all times listed: Hawai'i)

Location: online/virtual

Goals of the Virtual Summit:

- Highlight the resources and capabilities of PI-CASC and partner organizations for addressing climate adaptation science needs in Hawai'i and the US-Affiliated Pacific Islands (USAPI)
- Share recent and ongoing climate adaptation research and related resource management efforts in Hawai'i and USAPI
- Highlight and strengthen partnerships and collaborations and identify needs for actionable climate adaptation science in Hawai'i and the USAPI

This event is intended for researchers, resource managers, officials, practitioners, and stakeholders working on climate change impacts and adaptation for ecosystems and communities in Hawai'i and the U.S.-Affiliated Pacific Islands

Objectives include:

- Meeting the players in the region to learn more about efforts in Hawai'i and the Pacific focused on climate adaptation and research
- Exploring researcher-manager-practitioner engagement toward actionable science
- Identifying gaps and needs for science in support of climate change adaptation efforts

AGENDA

Day 1 November 17 (November 18 in the Western Pacific)

- 1:00 Welcome, introduction, purpose and goals of summit
- 1:10 Climate Commissioners Panel
Michael Bruno, Provost, UH Mānoa (panel moderator)
Evangeline Lujan, Chair, Guam Climate Resilience Commission
Xavier Matsutaro, National Climate Coordinator, Palau
Suzanne Case, Co-Chair Hawai'i Climate Commission, Chair of Hawai'i DLNR
- 1:55 Break
- 2:05 Science Partners Panel
Brad Romine, PI-CASC, Hawai'i Sea Grant (panel moderator)
Mari-Vaughn Johnson, USGS/PI-CASC
Victoria Keener, Pacific RISA, East-West Center
Tom Giambelluca, UH Mānoa Geography, Water Resources Research Center
Caitriana Steele, USDA Southwest Climate Hub
Kawika Winter, National Estuarine Research Reserve
Darren Lerner, PI-CASC, Hawai'i Sea Grant
- 3:00 Research and Management Lightning Talks (Part I, 8 minutes per presentation)
Moderator: Heather Kerkering, USGS/PI-CASC
Changing Plant Communities
Lucas Fortini, USGS Pacific Island Ecosystems Research Center
Elliott Parsons, Hawai'i DLNR-DOFAW
Patrick Keeler, Guam Department of Agriculture
Changing landscapes: Fire and drought
Abby Frazier, East-West Center Research Program
Clay Trauernicht, UH Mānoa, NREM
Sierra McDaniel, National Park Service
Marine and freshwater ecosystems
Tracy Wiegner, UH Hilo Tropical Conservation, Biology and Env Sci (TCBES)
- 4:20 Adjourn Day 1

Day 2 November 18 (November 19 in the Western Pacific)

- 1:00 Welcome, recap of Day 1
- 1:05 Research and Management Lightning Talks (Part II, 8 minutes per presentation)
Moderator: Heather Kerkering, USGS/PI-CASC
- Changing landscapes: Water resources*
Ryan Perroy, UH Hilo Geography
Stephen Gingerich, USGS Oregon Water Science Center
- Bio-cultural connections*
Karen Thorne, USGS Western Ecological Research Center
Christian Giardina, US Forest Service
Miwa Tamanaha, Kua'āina Ulu 'Auamo (KUA)
- Sea level rise and coastal resilience*
Dean Gesch, USGS Earth Resources Observation and Science
MaryAnne Maignret, National Park Service
- Marine and freshwater ecosystems*
Yin-Phan Tsang, Professor UH Mānoa NREM
- 2:30 Break and transition to breakout discussions
- Leave Zoom webinar, go to separate Zoom meeting link provided to you by email for your chosen breakout discussion
- 2:40 Research- and Management-needs Breakout Sessions (concurrent, in separate Zoom meetings)
1. Bio-cultural Connections
 2. Changing Landscapes: Fire and Drought
 3. Changing Landscapes: Water Resources
 4. Changing Plant Communities
 5. Marine and Freshwater Ecosystems
 6. Sea-Level Rise and Coastal Resilience
- Following breakout sessions, return to plenary Zoom webinar
- 3:30 Report-out from breakout session facilitators
- 4:00 Closing remarks, looking ahead, priorities
- 4:15 Adjourn