



CLIMATE CRISIS IN CONSERVATION

Tuesday, September 1st, 2020

11:00-12:00pm Forum #617 Title: Invasive Species and Climate Change: Building a New Community of Practice Moderators: Kerkering, Heather, Laura Brewington, Jeff Burgett, Joshua Atwood, Christy Martin

11:48am #92 Title: On the path to carbon neutrality: a Hawai'i carbon land use opportunity assessment Author: Laramée, Leah

1:00-3:00pm Forum #462 Title: Shifting the narrative: Conveying a message of hope in conservation at the advent of the Anthropocene
Moderator: Winter, Kawika

1:15pm #341 Title: Fostering real-time climate adaptation: Analyzing past, current, and forecast temperature to understand the dynamic risk to Hawaiian honeycreepers from avian malaria
Author: Kaiser, Lauren

1:45pm #659 Title: Benefits of watershed conservation for groundwater sustainable yield under climate change in the Pu'uloa (Pearl Harbor) aquifer Author: Bremer, Leah

2:15pm #691 Title: Linked ecological, cultural, and socio-economic values of groundwater dependent ecosystems in Kona, Hawai'i. Author: Gibson, Veronica

2:16pm #604 Title: Abundance under threat: Securing seabird habitat in a changing world
Author: Learned, Jenni

3:15pm #467 Title: Community Resilience following 2018 Kaua'i Floods Author: Luebbe, Kristine Kilikina

3:15pm #714 Title: Natural Climate Solutions in Action: The Nature Conservancy's Improved Forest Management Carbon Project at Kona Hema Preserve, Hawai'i Island Author: Menard, Trae

3:55pm #474 Title: 'IKE - Informative Kits for Education: Preparing Hawai'i communities for ocean acidification Author: Rosa, Sheldon Takeshi Keoni-Kawikaonalani

Wednesday, September 2nd, 2020

9:08am #127 Title: The National Ecological Observatory Network in Hawai'i: open data to understand Hawai'i's changing ecosystems Author: Long, Michael

9:45am #458 Title: The Unexpected Role of streams in the conservation of Alae Ula (*Gallinula galeata sandvicensis*) Author: van Rees, Charles

10:00am #728 Title: Bacterioplankton community response to a stochastic event in a tropical estuarine system Author: Lensing, Becca

10:30am #511 Title: Empowering Mangrove Protection by Pohnpei Communities in the Era of Sea Level Rise Author: Apwong, Maybeleen

11:00am #210 Title: World Ecosystems in crisis - how habitat-loss and inadequate protection threatens representative biodiversity Author: Boucher, Timothy

11:15am #162 Title: Analyzing Habitat Change of Remote Atolls Using High Temporal Satellite Imagery Author: Lopes, Keolohilani

11:15-12:15pm Forum #619 Title: Hoololi Aina: Changing landscapes -Challenges in Wildland Fire Management in the Face of Climate Change
Moderator: Walker, Michael

1:00pm #434 Title: Restor(y)ing Ancestral Abundance in Kalihi Valley Author: Puni Jackson and Pua 'O Eleili Pinto

1:00-3:00pm Symposium #196 Title: Water, ecosystems, and people - insights from the 'Ike Wai project on the Pu'uloa (Pearl Harbor) and Hualālai aquifers. Moderator: Bremer, Leah and Burnett, Kim

1:30pm #608 Title: Application of Water-Budget Models to Evaluate the Effects of Forest Change on Water Resources in Hawai'i: Information Needs to Reduce Model Uncertainty
Author: Mair, Alan

2:30pm #704 Title: Hawai'i Climate Data Portal (HCDP): An online tool for accessing historical and near real-time rainfall and climate data products Author: Lucas, Matthew

3:30pm #353 Title: Climate-dependent demographic shifts of a threatened endemic Hawaiian plant: current trends and future scenarios for the Haleakala silversword Author: Fortini, Lucas Berio

3:45pm #454 Title: Changes in the Condition of Physical Habitats in Papahānaumokuākea in the Past 10 Years Author: Lopes, Keolohilani

4:00pm #370 Title: Resilience and Change: Natural Regeneration of Threatened and Endangered Plants at Ka'ūpūlehu Dryland Forest Author: Ticktin, Tamara

4:00pm #403 Title: Status and trends of Honu, or green sea turtles (*Chelonia mydas*), in the Papahānaumokuākea Marine National Monument Author: Staman, Marylou

4:30pm #367 Title: Ten Years of Success from Active Management and Restoration Efforts on Terrestrial Non- Indigenous Species in the Papahānaumokuākea Marine National Monument
Author: Vanderlip, Cynthia Ann

Thursday, September 3rd, 2020

9:45am #588 Title: Hawai‘i Drought Knowledge Exchange Author: Longman, Ryan James

11:45am #727 Title: Legal Actions on Behalf of Future Generations Author: Forman, David

1:30pm #666 Title: Prioritizing and Planning Conservation Actions in the Ahupua‘a of Pu‘uwa‘awa‘a and Pu‘uanahulu in North Kona Author: Adkins, Edith

1:39pm #522 Title: Expanding Drought Knowledge with Land Manager Perspective Author: Kunz, Melissa

3:30 #544 Title: An Overview of the Current Distribution and Population Status and Recent Trends of Hawaiian Honeycreepers, Major Threats and Challenges for Recovery Author: Berry, Lainie

3:30-5:30pm Symposium #56 Title: The Challenges of Managing Conservation- reliant Species
Moderator: Jacobi, Jim

3:38pm #497 Title: Beach conservation threatened by shoreline hardening and sea level rise
Author: Tavares, Kammie

3:30-5:30pm #189 Title: Native forest birds on the brink: Wolbachia to the rescue?
Moderator: Penniman, Teya M.

3:45pm #566 Title: Distribution of Avian Malaria in Native and Non-native Forest Bird Communities Across Hawai‘i Author: Abraham, Elizabeth

4:30pm #425 Title: Changes in Mosquito Distribution and Avian Malaria Prevalence in Kīpahulu Valley, Haleakalā National Park Author: LaPointe, Dennis Albert

4:54pm #495 Title: Investigating Regime Shifts in Northwest Hawai‘i Coral Reef Systems
Author: Olsen, Amy Yumiko

5:00pm #641 Title: Race Against Extinction: Applying Wolbachia to Save Hawai‘i’s Forest Birds
Author: Farmer, Chris

5:00pm #58 Title: Looking Towards the Future Author: Mehrhoff, Loyal