

**Invasive Pest Conference**  
**UH CTAHR Cooperative Extension**  
**Pikake Room, Blaisdell Center, Honolulu**  
**Conference Agenda**  
**August 9-10, 2023**

**Day 1 (August 9, 2023)**

- 8:30 – 9:00 am      Registration
- 9:00 – 9:10 am      Program Briefing – *Roshan Manandhar*, College of Tropical Agriculture and Human Resources (CTAHR) Cooperative Extension (CE), Kaua‘i, University of Hawaii (UH)
- 9:10 – 9:25 am      Welcome Speech – *Jeremy Elliott-Engel*, Associate Dean Extension, CTAHR, UH Mānoa

**SESSION I**

Moderator: Leyla Kaufman

- 9:25 – 10:10 am      Keynote Presentation 1 - *Philip Andreozzi*, United States Department of Agriculture Invasive Species Coordinator, Washington D. C.
- 10:10 -10:25 am      Break
- 10:25 – 10:50 am      Revitalizing Action on the 2017-2027 Hawai‘i Interagency Biosecurity Plan. *Chelsea Arnott*, Hawai‘i Invasive Species Council
- 10:50 – 11:15 am      HPWRA Turns 25: A quarter century of Weed Risk Assessment in Hawaii, *Chuck Chimera*, Hawai‘i Invasive Species Council
- 11:15 – 11:35 am      Priority Invasive Species for prevention and containment. *Helen Sofaer*, United States Geological Survey
- 11:35 – 12:00 pm      Exploring the climate change - Invasive species nexus with Pacific RISCC. *Elliott Parsons*, Pacific Regional Invasive Species and Climate Change Network, UH
- 12:00 – 1:00 pm      Lunch

**SESSION II**

Moderator: Chuck Chimera

- 1:00 – 1:25 pm      A step forward: Predicting the abundance of *Culex quinquefasciatus* in Hawai‘i to inform Management. *Adam Vorsino*, *Lisa Cali Crampton*,

*Hanna Mounce and Stephanie Mladinich, United States Fish and Wildlife Services*

- 1:25 – 1:50 pm Distribution and abundance of wild ungulates in Hawaii highlights their diverse impact. **Derek Risch** and **Melissa Price**, Department of Natural Resources and Environment Management, UH Mānoa
- 1:50 – 2:15 pm Non- native freshwater snail diversity in the Hawaiian Islands. **Ken Hayes**, Bishop Museum
- 2:15 – 2:40 pm Invasive land snails in Hawai‘i: Species updates and pathways of spread. **Norine Yeung**, Bishop Museum
- 2:40 – 3:05 pm Yellow crazy ant control at endangered snail enclosures. **Kevin Armstrong** and **Kaia Kong**, Oahu Army Natural Resource Program
- 3:05 – 3:20 pm Break
- 3:20 – 3:45 pm What else is in here? Exploring a large geospatial ant sampling dataset for trends and insights. **Brooke Mahnken**, Maui Invasive Species Committee
- 3:45 – 4:10 pm Efficacy of organic herbicides on Devil weed, *Chromolaena odorata*. **Chelsea Tamayo**, Oahu Army Natural Resource Program
- 4:10 – 4:35 pm Poorly studied and misidentified non-insect invertebrate pests in Hawaii. **Ken Hayes**, Bishop Museum
- 4:35 – 5:00 pm Utilizing the AT220 Automatic self-resetting trap as another tool in small vertebrate control. **Troy Levinson**, Oahu Army Natural Resource Program

## **Day 2 (August 10, 2023)**

### **SESSION III**

Moderator: Nate Dube

- 8:30 – 8:55 am Updates on Coconut Rhinoceros Beetle. **Arisa Barcinas**, CRB Response Team
- 8:55 – 9:20 am Current status and future directions of the Coconut Rhinoceros Beetle Response in Hawai‘i. **Keith Weiser**, CRB Response Team
- 9:20 – 9:45 am Developing Coconut Rhinoceros Beetle - safe composting on Oahu. **Tina Lau**, CTAHR CE Oahu, UH

- 9:45 – 10:05 am Tools for control of adult Coconut Rhinoceros Beetle in palm trees - Aerial application to distributed IoT camera trap system. **Mohsen Paryavi** and *Daniel Jenkins*, Department of Electrical and Computer Engineering, UH Mānoa
- 10:05 – 10:20 am Break
- 10:20 – 10:45 am Improving the Integrated Pest Management of Coffee Berry Borer in Hawai‘ian coffee agroecosystems. **Luis Aristizabel**, Department of Plant and Environmental Protection Sciences (PEPS), UH Mānoa
- 10:45 – 11:10 am The Kona Research and Extension Center’s Coffee Leaf Rust update. **Mathew Miyahira** and *Andrea Kawabata*, CTAHR CE, Kona, UH
- 11:10 – 11:35 am Research update on management of Coffee Leaf Rust in Hawaii using systemic and biological fungicides. **Zhiqiang Cheng**, *Elizabeth Buchholz*, *Julia Coughlin* and *James Kam*, Department of PEPS, UH Mānoa
- 11:35 – 12:00 pm Understanding the recent coffee leaf rust infection in commercial coffee farms: What we have learned from the last two coffee seasons. **Luis Aristizabel**, Department of PEPS, UH Mānoa

12:00 – 1:00 pm Lunch break

#### SESSION IV

Moderator: Kailee Lefebvre

- 1:00 – 1:45 pm Keynote Presentation 2, **Phillip Andreozii**, USDA Invasive Species Coordinator, Washington D.C.
- 1:45 – 2:05 pm What we know about Rapid Ōhi‘a Death and how we protect our native forest. **Ambyr Miyake** and *JB Friday*, CTAHR CE, Hilo, UH
- 2:05 – 2:30 pm Double impact of a weed biocontrol agent in Hawaii: *Secusio extensa* (Lepidoptera: Erebidiae) releases for fireweed *Senecio madagascariensis* outspreads naturally to cape ivy *Delairea odorata*. **Mohsen Ramadan**, *Stacey Chun* and *Darcy Oishi*, Hawai‘i Department of Agriculture
- 2:30 – 2:55 pm Hawai‘i Integrated Pest Management Program for Diamondback Moth: Pesticide Resistance Management. **Rosemary Gutierrez**, CTAHR CE Maui, UH
- 2:55 – 3:20 pm Hawai‘i Invasive Pest Communication and Networking. **Roshan Manandhar**, CTAHR CES, Kaua‘i, UH
- 3:20 – 3:45 pm Recent advances in biological control. **Mark Wright**, Department of PEPS UH Mānoa

3:45 – 4:00 pm      Concluding remarks (Roshan Manandhar)

*\*Speakers are in bold letters*