

Biosecurity and Invasive Species Initiative

Dec. 9-10, 2018
Hawaii Island



HAWAII WORKSHOP

Biosecurity and Agriculture

*Fairmont Orchid
Promenade Ballroom*

Moderated by John Laird, California Secretary for Natural Resources

Sunday, December 9	
12:00 pm – 5:00 pm	Field Trip to Invasive Species Management Project on the Island of Hawai'i: Puu Waa Waa Natural Area Reserve
6:00 pm – 7:00 pm	Reception: Wailana Garden
Monday, December 10	
8:00 am	Welcome – Western Governors' Association Executive Director Jim Ogsbury
8:10 am	Introductory Remarks – Hawaii Governor David Ige
8:30 am	Panel: Biosecurity at Local, Regional, and National Levels. <i>Panelists will discuss biosecurity threats and effective actions to reduce their impacts. Hawaiian representatives will also discuss the recently released Hawaii Interagency Biosecurity Plan.</i> <ul style="list-style-type: none">• Josh Atwood – Program Supervisor, Hawaii Invasive Species Council• Mark Fox – Director of External Affairs, The Nature Conservancy, Hawaii Program• Vernon Harrington – State Plant Health Director, USDA APHIS
9:30 am	Case Study: Little Red Fire Ants & Rapid Ohia Death. <i>Little Red Fire Ants and Rapid Ohia Death have had significant ecological impacts in Hawaii. Local experts will discuss the lessons learned from the respective management response for each species.</i>

	<ul style="list-style-type: none"> • Dr. Cas Vanderwoude – Research Manager, Hawaii Ant Lab • Michelle Montgomery – Program Specialist, Hawaii Ant Lab • Robert Hauff – State Protection Forester, Hawaii Dept. of Land & Natural Resources • Jonathan Ho – Plant Quarantine Branch Manager, Hawaii Dept. of Agriculture
10:30 am	Break
10:45 am	<p>Panel: Invasive Species Management on Islands. <i>Invasive species impacts can have outsized effects on sensitive island ecosystems. Land managers will discuss the challenge of addressing invasive species threats on islands and how strategies differ from continental approaches.</i></p> <ul style="list-style-type: none"> • Suzanne Case – Chair, Hawaii Dept. of Land and Natural Resources • Patty Baiao – U.S. Program Manager, Island Conservation • Roland Quitugua – Biosecurity Specialist, University of Guam Cooperative Extension and Outreach • Josh Fisher – Invasive Species Biologist, Fish & Wildlife Service
11:45 am	Lunch Served
12:45 pm	<p>Panel: Integrated Pest Management in Practice. <i>Integrated Pest Management (IPM) is an ecosystem-based strategy that seeks to control invasive species spread through biological control, habitat manipulation, and modification of cultural practices. Panelists will discuss how this strategy is employed in both agriculture and conservation.</i></p> <ul style="list-style-type: none"> • Matt Baur – Associate Director, Western Integrated Pest Management Center • Springer Kaye – Program Manager, Big Island Invasive Species Committee • Dr. Flint Hughes – Ecologist, U.S. Forest Service Institute of Pacific Island Forestry • David Smith – Administrator, Hawaii Dept. of Land & Natural Resources, Division of Forestry and Wildlife
1:45 pm	<p>Panel: Biosecurity – Pre-Border Detection and Prevention Strategies. <i>Preventing invasive species from entering new areas is the most desirable and effective control strategy. Panelists will discuss how various policies can help communities reduce the risk of invasive species taking root in new environments.</i></p> <ul style="list-style-type: none"> • Jules Kuo – Ballast Water and Biofouling Coordinator, Hawaii Dept. of Land & Natural Resources, Division of Aquatic Resources • Vernon Harrington – State Plant Health Director, USDA APHIS • Jonathan Ho – Plant Quarantine Branch Manager, Hawaii Dept. of Agriculture • Christy Martin – Program Manager & PIO, UH-PCSU Coordinating Group on Alien Pest Species

2:45 pm	Break
3:00 pm	<p>Panel: Economics of Invasive Species – Agriculture. <i>Hawaii’s agricultural sector produces a suite of high-quality fruit, vegetable, and meat products. Panelists will discuss efforts in Hawaii to reduce the impacts of pests and pathogens on crops.</i></p> <ul style="list-style-type: none"> • Dr. Kimberly Burnett – Associate Specialist, Univ. of Hawaii Economic Research Organization • Scott Enright – Chair, Hawaii Dept. of Agriculture • Warren Watanabe – Executive Director, Maui County Farm Bureau • Chris Manfredi – President, Hawaii Coffee Association
3:50 pm	<p>Panel: The Use of Biocontrols: Management Strategies and Policy Considerations. <i>Panelists will discuss how biocontrols – the use of insects, parasites or pathogens – can be used as an invasive species management tool. Agency experts will also describe the policy considerations and challenges when instituting these strategies.</i></p> <ul style="list-style-type: none"> • Joel Price – Biological Control Entomologist, Oregon Dept. of Agriculture • Tracy Johnson – Research Entomologist, U.S. Forest Service – Pacific Southwest Research Station • Darcy Oishi – Biocontrol Section Chief, Hawaii Dept. of Agriculture
4:50 pm	<p>Final Thoughts/Closing Remarks. <i>A reflection on the initiative as a whole, the lessons learned from all four initiative workshops, and an announcement of webinars and next steps.</i></p>
5:00 pm	Adjourn