

PRESENTATION OVERVIEW

2019 WESTERN CHAPTER ISA
CONFERENCE & TRADE SHOW

We are all in the same canoe: a Hawaii model for collaborative stewardship

Date/Time/Session: **THURSDAY, 5.02.2019, 11:15:00 AM, in the GENERAL session**

Presentation Length: **45 minutes**

Presented by: **Christian P. Giardina**

Co-Presenter (if scheduled): **NA**



Overview of Presentation:

The Hawaiian proverb of "A canoe is an Island, an Island is a canoe" highlights the many ways we are all in the same boat. Islands are often defined by finite resources, as on a voyaging canoe, and so poorly managed pest and disease introductions can have surprisingly heavy consequences across sectors of society. Here, I discuss how this proverb can be viewed as a call for reshaping natural resources management with respect to pests and diseases, and will share demonstrations of this Island model of stewardship with respect to containment of this disease and solutions to finding disease resistant varieties of the Ohia tree (*Metrosideros polymorpha*) for replanting and restoration as the next strategy for disease management. I make the case that by engaging the Canoe as Island, Island as Canoe model of resource stewardship, conservation professionals are in a position to more effectively and efficiently tackle pressing pest and disease issues in an Island environment. Viewing Hawaii as a microcosm and model socio-ecological system, I suggest that insights from Hawaii will provide broadly relevant lessons for continental systems.

Presenter Bio:

Christian Giardina is a Research Ecologist with the USDA Forest Services Institute of Pacific Islands Forestry in Hilo, Hawaii where he has been conducting research on global change impacts on forests and restoration based management options for returning forests to a desired condition. In the past 10 years, he has been working with community and bioculturally based collaborative stewardship solutions that he believes represents a powerful, even transformative way forward on not just pest and disease issues but resource management issues broadly.