

Redefining invasive species management in a changing world

AGENDA

Day 1: Tuesday, December 1

12:00 pm CST WELCOME

Welcome & Introduction – Toni Lyn Morelli, *iRISCC, NE CASC, U.S. Geological Survey (USGS)*

12:20 pm CST PANEL: Cooking up solutions: Invasive species, climate change and food security

Session Overview – Christopher Sullivan, *Canada National Invasive Species & Climate Change Network, Invasives Canada* & Nate Hofford, *North Central RISCC, Cooperative Institute for Research in Environmental Sciences, University of Colorado Boulder*

TBD – *Dr. Danesha Seth Carley, Director, NSF Center for Integrated Pest Management*

Developing a climate-resilient fishery management plan for Maryland state-managed fisheries – Amanda Malagari, *Natural Resources Planner, Maryland Department of Natural Resources*

Protecting NiMiiPuu Country – Anthony Capetillo, BA-Native Environmental Science, *Aquatic Invasive & Nuisance Species Biologist / Cultural Specialist, Nez Perce Tribe*

Panel Discussion

1:10 pm CST INTERACTIVE SESSION: Who's here?

1:25 pm CST SESSION: Redefining invasive species management in the face of extreme events

Session Overview – Annette Evans, *NE RISCC, University of Saint Joseph*

After the Megafire: Can Cultural Plants and Soil Microbes Help Break the Fire–Invasion Cycle? – Raelani Kesler, MSc, *PhD Candidate,* and Virginia Oeggerli, MSc, *PhD Student; Indigenous Ecology Lab, University of British Columbia, Canada*

Does an alien move after a cyclone? A look at the African tulip and Cyclone Evan in Samoa – Carrol Chan, *AWFI Research Fellow, School of Agriculture, University of Melbourne*

New Zealand Emerging Biosecurity Risk in a Changing Climate – Theo Purves, *Biosecurity Analyst, Biosecurity New Zealand, Ministry for Primary Industries*

Beyond Eradication: Integrated Management of Coconut Rhinoceros Beetle in a Changing Pacific Environment – Glenn Dulla, *Assistant Professor, University of Guam, Land Grant*

2:45 pm CST BREAK

3:00 pm CST PLENARY: Quentin J. Groom

Speaker Introduction – Deah Lieurance, *NE RISCC, Assistant Professor on Invasive Species Biology and Management Department of Ecosystem Science and Management, Penn State University*

From detection to action: connecting surveillance, data and decisions for invasive alien species – Quentin J. Groom, *Lead of the Bio-Informed Team, Meise Botanic Garden, Meise, Belgium*

Q&A

3:55 pm CST CLOSING REMARKS

Closing Remarks – Eva Colberg, *Northwest RISCC, NW CASC, University of Washington*

Day 2: Wednesday, December 2nd

12:00 pm CST WELCOME: A Moment of Gratitude

Welcome Back & Overview of Day 2 – Chelsea Nagy, *NC RISCC, University of Colorado, Boulder*

12:10 pm CST SESSION: Addressing climate change & invasive species from a One Health perspective

Session Overview – Eva Colberg, *NW RISCC, NW CASC, University of Washington*

Addressing climate change and invasive species from a One Health perspective: Focus on biodiversity conservation in Mauritius – F.B. Vincent Florens, PhD, *Associate Professor of Ecology, University of Mauritius*

Effects of plant invasions on tick-borne disease risk – Luke Flory, *Professor and Director, Assoc. Chair Agronomy Dept., University of Florida*

Invasive alien mammals pose zoonotic risks to human health – Paola Monguilod, MSc, *Pyrenean Institute of Ecology (IPE-CSIC), Spain*

Poison Hemlock and Environmental Health Equity – Anisha Azad, MSc, *Noxious Weed Specialist I, King County Noxious Weed Control Program*

1:10 pm CST INTERACTIVE SESSION: Jeopardy! IISCCC Edition

1:40 pm CST BREAK

1:50 pm CST SESSION: Changing Seas, Shifting Species

Session Overview – Wes Daniel, *SE RISCC, Nonindigenous Aquatic Species (NAS) Program, USGS Wetland and Aquatic Research Center*

Ship Biofouling and Marine Invasive Species: A Bioinvasion Super-Spreader – Mario Tamburri, PhD, *Professor, University of Maryland Center for Environmental Science*

The Intersection of Climate and Invasives & recommendations from the ISAC white paper "Opportunities for Improved Marine Biosecurity" – Christy Martin MPA, *Program Manager & Information Officer, Coordinating Group on Alien Pest Species, a project of the Pacific Cooperative Studies Unit, University of Hawaii at Manoa*

Remote Sensing Foundation Model Embeddings for Detecting Invasive Beach Rose (*Rosa rugosa* Thunb.) – Miglė Mockutė, MSc, *PhD Student, Klaipeda university, Marine research Institute*

Boom, Bust, and Bio-Toxins: Adaptive Management and Ciguatera Threats of Invasive Lionfish in a National Marine Sanctuary – Olivia Eisenbach, MSc, *cE3c - Research Operations Specialist, NOAA - Flower Garden Banks National Marine Sanctuary*

2:50 pm CST LIGHTNING TALKS: Lessons from Management

From Records to Regulation: How Documenting Emerging Invaders Shapes Policy, with Case Studies from Nantucket Island, USA – Dr. Sarah T. Bois, *Director of Research and Conservation, Linda Loring Nature Foundation*

Novel ecosystems: an intersection of invasive species and climate shifts – Angela S. Gupta, MA, *Extension Professor, Forestry, University of Minnesota Extension*

Growing Resilience: Native Plants as a Climate Adaptation Strategy at Idaho State University – Pallavi Pokharel, *Sustainability Manager at the Department of Environment, Health, Safety, and Sustainability, Idaho State University*

Impacts of Invasive Species on Native Hawaiian Cultural Practices – Ashley Hi‘ilani Sanchez, MSc, *NOAA Coastal Resilience Fellow, Hawai‘i Sea Grant; & Lauhala Weaver, Nā Lālā o ka Pūhala*

Climate-Smart Emerald Ash Borer Triage in Portland’s Urban Natural Areas – Maha Guliani, *Natural Resource Ecologist, City of Portland, Oregon*

3:45 pm CST COMMUNITY ACTION AWARD & CLOSING REMARKS

Community Action Award & Closing Remarks – Deah Lieurance, *NE RISCC, Assistant Professor on Invasive Species Biology and Management Department of Ecosystem Science and Management, Penn State University*

Register for the IISCCC here!

Partners:

RISCC MANAGEMENT NETWORK

USGS science for a changing world

NAISMA North American Invasive Species Management Association

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Pacific Islands Climate Adaptation Science Center

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NORTH CENTRAL Climate Adaptation Science Center

SOUTHEAST Climate Adaptation Science Center

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