

California Invasive Plant Council 2020 Symposium

Event Schedule

Tue, Oct 27, 2020

9:00am

Statewide WMA Meeting

🕒 9:00am - 1:00pm, Oct 27

The annual meeting of the state's Weed Management Areas, with updates from CDFA, presentations on WMA projects, and training on IPM, planning, mapping, and reporting. Stick around from 12:00 to 1:00 for regional breakout discussions over lunch!

DPR CE credit: 2 hours "Other"

9 Subsessions

- **Welcome, WMA Roll Call, Introduction**

🕒 9:00am - 9:20am, Oct 27

- **CDFA Weed Program Updates**

🕒 9:20am - 9:40am, Oct 27

- **CACASA Weed Management Updates**

🕒 9:40am - 10:00am, Oct 27

- **California's RCDs**

🕒 10:00am - 10:20am, Oct 27

- **New Weeds in California**

🕒 10:20am - 10:50am, Oct 27

- **Regional Strategies for Weed Management**

🕒 10:50am - 11:20am, Oct 27

- **Calflora Training on Mapping Weeds**

🕒 11:20am - 11:50am, Oct 27

- **WMA Project Reports**

🕒 11:50am - 12:20pm, Oct 27

- **Regional Breakouts**

🕒 12:20pm - 1:00pm, Oct 27

2:00pm

Herbicide Laws and Regulations

🕒 2:00pm - 4:00pm, Oct 27

Updates and training on laws and regulations concerning herbicide use in California, designed to provide 2 hours of continuing education credit for DPR licensed applicators. Moderated by LeeAnne Mila, El Dorado County Dept. of Agriculture.

DPR CE credit: 2 hours "Laws and Regs"

ISA CE credit: 2 hours

🗣️ **Speakers**



LeeAnne Mila El Dorado and Alpine County Agricultural Commissioners Office



Scott Oneto Farm Advisor, UC Cooperative Extension El Dorado, Amador, Calaveras and Tuolumne counties



Krista Hoffmann California Department of Fish and Wildlife



Sam Sandoval Associate Professor, Cooperative Extension Specialist, UC Davis

4 Subsessions

- **Laws and Regulations that Inform Invasive Weed Treatment Strategies**
🕒 2:00pm - 2:30pm, Oct 27
- **Obtaining Selectivity in Wildland Areas Using a Low-Volume Directed Spray Herbicide Application**
🕒 2:30pm - 3:00pm, Oct 27
- **The Safe and Effective Application of Aquatic Herbicides**
🕒 3:00pm - 3:30pm, Oct 27
- **Best Practices to Keep Pesticides out of Water**
🕒 3:30pm - 4:00pm, Oct 27

Wed, Oct 28, 2020

9:00am

Opening Session 1: Managing Invasive Species into the Future

🕒 9:00am - 10:30am, Oct 28

ISA CE credit: 1 hour

📣 Speakers



Doug Johnson Executive Director, California Invasive Plant Council (Cal-IPC)



Dan Simberloff University of Tennessee

3 Subsessions



Welcome!

🕒 9:00am - 9:15am, Oct 28

- **California Update**

🕒 9:15am - 9:30am, Oct 28

- **Keynote Address: Invasive Species Denialism and the Future of Invasion Management**

🕒 9:30am - 10:30am, Oct 28

11:00am

Session 2: Fire, Weeds, and Forest Pests

🕒 11:00am - 12:30pm, Oct 28

Moderated by Susan Frankel, USDA Forest Service, Pacific Southwest Research Station.

DPR CE credit: 1 hour "Other"

ISA CE credit: 1 hours

Click chat at end of session for DPR CE quiz.

🗣️ Speakers



Jon Keeley Research Ecologist, U.S. Geological Survey / UCLA



Chris Fettig Pacific Southwest Research Station



Yana Valachovic University of California



Beatriz Nobua-Behrmann Urban Forestry Advisor, University of California Cooperative Extension

5 Subsessions

- **Perturbation in Fire-prone Ecosystems Resulting in Exotic Plant Invasion**

🕒 11:00am - 11:20am, Oct 28

- **Interactions Among Insects and Invasive Weeds in the Western U.S. Forests**

🕒 11:20am - 11:40am, Oct 28

- **Cleaning and Sanitation of Heavy Equipment for Pathogens and Weeds**

🕒 11:40am - 12:00pm, Oct 28

- **Lessons Learned (the Hard Way) on How to Manage Invasive Shothole Borers in Southern California**

🕒 12:00pm - 12:20pm, Oct 28

- **Panel Discussion**

🕒 12:20pm - 12:30pm, Oct 28

1:00pm

Session 3: Tools and Techniques for Invasive Plant Management

🕒 1:00pm - 2:00pm, Oct 28

Moderated by Sarah Godfrey, Center for Natural Lands Management.

DPR CE credit: 1 hour "Other"

ISA CE credit: 1 hours

🗣️ Speakers



John Takekawa Operations Manager, Suisun Resource Conservation District



Stephen Enloe Associate Professor, University of Florida Center for Aquatic and Invasive Plants



Collin Raff Project Manager, Irvine Ranch Conservancy

3 Subsessions

- **The Sky is Not the Limit: Controlling Invasive Plants with Survey and Spray-drones**
🕒 1:00pm - 1:20pm, Oct 28
- **Scaling up Brazilian Peppertree (*Schinus terebinthifolia*) Management Research with Contractors in South Florida**
🕒 1:20pm - 1:40pm, Oct 28
- **Effective Use of Low-dose Herbicide Application to Control Weed Seedlings in a Restoration Context**
🕒 1:40pm - 2:00pm, Oct 28

2:30pm

Session 4: Ecological Implications of Invasive Plants and Their Management + New Weed Alerts

🕒 2:30pm - 4:00pm, Oct 28

Moderated by Jennifer Funk, University of California-Davis, Department of Plant Sciences.

DPR CE credit: 1 hour "Other"

ISA CE credit: 1.5 hours

🗣️ Speakers



Ben Bloodworth Program Coordinator, RiversEdge West



Deedee Soto Pollinator Conservation Planner & NRCS Partner Biologist, Xerces



Sarah Hoyle Xerces Society for Invertebrate Conservation



Christopher McDonald Advisor, University of California Cooperative Extension



Jutta Burger Science Program Director, California Invasive Plant Council



Robert Price California Department of Food and Agriculture

4 Subsessions

- **Distribution and Spread of Tamarisk Beetles (*Diorhabda* spp.) and Their Known and Predicted Effects on Riparian Ecosystems**
🕒 2:30pm - 2:50pm, Oct 28
- **Restoration to Benefit Pollinators: Plant Selection and Herbicide Impacts**
🕒 2:50pm - 3:10pm, Oct 28
- **Some Insights on the Seed Bank Dynamics of Stinknet, a Difficult Weed to Contain**
🕒 3:10pm - 3:30pm, Oct 28
- **Weed Alerts and other Invasive Plant Highlights for 2020**
🕒 3:30pm - 4:00pm, Oct 28

4:00pm

Poster and Lightning Talk Session 1

🕒 4:00pm - 5:30pm, Oct 28

Posters and pre-recorded lightning talks can be viewed at your own pace. See live stream associated with each presentation to speak with the author.

DPR CE credit: 1 hour "Other"

Credit is only available for attendees that have visited all presentations coded *DPR Credit* during the session time and subsequently completed the quiz.

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⌚ 4:00pm - 5:30pm, Oct 28

5:45pm

BIPOC Gathering

⌚ 5:45pm - 6:45pm, Oct 28

This after-hours session provides a space for individuals who identify as BIPOC (Black, Indigenous, and People of Color) only. Connect with others, celebrate your victories, share your frustrations, and discuss how Cal-IPC and conservation organizations can do better.

Thu, Oct 29, 2020

8:00am

Session 5: Invasive Plant Management in Grasslands

⌚ 8:00am - 9:00am, Oct 29

A special session hosted by the California Native Grassland Association (CNGA) and moderated by Tanya Meyer, Yolo County Resource Conservation District.

DPR CE credit: 1 hour "Other"

🗣️ Speakers



Don Hankins



Valerie Eviner Researcher, University of California Davis



Tom Getts Weed Ecology and Cropping Systems Advisor, UC Cooperative Extension

3 Subsessions

- **Ecocultural Considerations for Invasive Species and Grassland Stewardship with Fire**
⌚ 8:00am - 8:20am, Oct 29
- **Evaluating Control of Late-season Noxious Grassland Invasives with Multiple Approaches: Wildfire, Prescribed Fire, Grazing, Native Grass Restoration, and**

Organic Herbicides

🕒 8:20am - 8:40am, Oct 29

- **Long-term Effects of Indaziflam Applications for Medusahead Control on the Modoc Plateau**

🕒 8:40am - 9:00am, Oct 29

9:30am

Session 6: Fire and Invasive Plant Management I

🕒 9:30am - 10:30am, Oct 29

Moderated by Noah Teller, Dept. of Botany & Plant Sciences, UC Riverside.
ISA CE credit: 1 hours

🗣️ Speakers



Jon Keeley Research Ecologist, U.S. Geological Survey / UCLA



Martin Hutten Ecologist California IPMT liaison, NPS



Garrett Dickman Botanist, Yosemite National Park

3 Subsessions

- **Fuel Treatments Leading to Non-native Plant Invasions**

🕒 9:30am - 9:50am, Oct 29

- **Reducing the Risk of Invasive Plant Spread Before and During Wildland Fire Incidents**

🕒 9:50am - 10:10am, Oct 29

- **How to Prepare for Fire and Evaluate the Risk of Invasive Plants after Fire**

🕒 10:10am - 10:30am, Oct 29

11:00am

Career Panel

🕒 11:00am - 12:15pm, Oct 29

Moderated by Noah Teller, UC Riverside.
Designed for students and early-career professionals. Hear from people in field work, consulting, agencies, nonprofits, academia and conservation corps.

🗣️ Speakers



Steven Addison Job Training Center Coordinator , Civicorps



Marko Bey Executive Director and Lomakatsi's Co-Founder, Lomakatsi Restoration Project



Kari Dupler Senior Biologist, WRA, Inc.



Valerie Eviner Researcher, University of California Davis



Chris Fettig Pacific Southwest Research Station



Jennifer Funk UC Davis



Aidona Kakouros Botanist/ Ecologist SF Bay NWR Complex, U.S. Fish and Wildlife Service



Lorelee Larios Assistant Professor, Lorelee Larios

Poster and Lightning Talk Session 2

🕒 11:00am - 12:15pm, Oct 29

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⌚ 11:00am - 12:15pm, Oct 29

12:30pm

Session 7: Managing Invasive Grasses

⌚ 12:30pm - 2:00pm, Oct 29

Moderated by Virginia Matzek, Dept. of Environmental Studies and Sciences, Santa Clara University.

DPR CE credit: 1 hour "Other"

🗣️ Speakers



Joanna Tang PhD student, University of California, Santa Barbara



Charlie Clements Rangeland Scientist, USDA-ARS



Virginia Matzek Associate Professor, Department of Environmental Studies and Sciences, Santa Clara University



Sandra DeSimone Director research and education, Audubon Starr Ranch

5 Subsessions

- **Positive Feedback Loops of Invasive Grasses: Breaking the Cycle**

⌚ 12:30pm - 12:50pm, Oct 29

- **Effectiveness of Pre-emergent Herbicides in Rangeland Rehabilitation**

⌚ 12:50pm - 1:10pm, Oct 29

- **Non-herbicidal Measures of Control for Slender False Brome (*Brachypodium sylvaticum*)), an Invasive Perennial Grass**

⌚ 1:10pm - 1:30pm, Oct 29

- **Invasive Grasses Can be Your Friends: Use of Songbirds and other Observable Wildlife as Metrics for Selective Acceptance of Non-natives in Restoration**

⌚ 1:30pm - 1:50pm, Oct 29

- **Discussion**

⌚ 1:50pm - 2:00pm, Oct 29

2:30pm

Session 8: Fire and Invasive Plant Management II

🕒 2:30pm - 3:30pm, Oct 29

Moderated by Joey Algiers, National Park Service, Santa Monica Recreation Area.
ISA CE credit: 1 hours

🗣️ Speakers



Devyn Friedfel Natural Resource Specialist, Pepperwood Preserve



Joey Algiers Restoration Ecologist, National Park Service



Jeffrey Morisette Chief Scientist, National Invasive Species Council, U.S. DOI



Mike Zupko Wildland Fire Leadership Council

3 Subsessions

- **A Tale of Two Wildfires: Post-fire Weed Management at Pepperwood Preserve, Sonoma County, California**
🕒 2:30pm - 2:50pm, Oct 29
- **Two Years After the Fire: Accomplishments in Invasive Plant Control Following the 2018 Woolsey Fire**
🕒 2:50pm - 3:10pm, Oct 29
- **Considerations for Better Coordination Between Fire and Invasive Species Management**
🕒 3:10pm - 3:30pm, Oct 29

4:00pm

Session 9: Mapping, Modeling & Prioritization

🕒 4:00pm - 5:00pm, Oct 29

Moderated by Elizabeth Brusati, California Department of Fish & Wildlife.
DPR CE credit: 1 hour "Other"
ISA CE credit: 1 hour

🗣️ Speakers



Steve Taylor Program Leader (Invasive Plants), ACT Parks - Invasive Plants Program | Environment, Planning and Sustainable Development | ACT | Australia



Nicky Lustenhouwer Postdoctoral Scholar, Department of Ecology and Evolutionary Biology, UC Santa Cruz



Rachel Kesel Conservation Management Specialist, Golden Gate National Parks Conservancy

3 Subsessions

- **Integrated Prioritisation of Post-fire Invasive Plant Management in the Australian Capital Territory (ACT)**
🕒 4:00pm - 4:20pm, Oct 29
- **Using Climate Niche Modeling to Map Areas at Risk of Invasion by Stinkwort (*Dittrichia graveolens*)**
🕒 4:20pm - 4:40pm, Oct 29
- **Using WHIPPET to Prioritize One Tam's Widespread Weeds in Marin County**
🕒 4:40pm - 5:00pm, Oct 29

5:15pm

Allyship Gathering

🕒 5:15pm - 6:15pm, Oct 29

Being an "ally" means actively standing up for the rights of marginalized communities (see, for instance, [this guide to allyship](#)). Cal-IPC's working group on JEDI (justice, equity, diversity and inclusion) hosts this gathering for those working to educate themselves about the workings of privilege and inequity in the conservation field. We will build our shared vocabulary, discuss ways to amplify voices from marginalized communities, and share resources for strengthening our ability to listen, speak up, and take responsibility for sharing our privilege. Whether you are new to this work or steeped in it, come support each other in making the conservation community stronger, one person at a time.

Fri, Oct 30, 2020

8:00am

Session 10: Restoration and Invasive Plants

🕒 8:00am - 9:00am, Oct 30

A special session hosted by SERCAL and moderated by Kari Dupler, WRA, Inc.

DPR CE credit: 1 hour "Other"

🗣️ Speakers



Ruben Reynoso Jr River Partners, Inc.



Naomi LeBeau Restoration Manager, Golden Gate Parks Conservancy



Scott McMillan Dudek

3 Subsessions

- **Weed Control in Riparian Habitat Restoration: Three Design Recommendations for Scaling up Implementation Efficiency**
🕒 8:00am - 8:20am, Oct 30
- **Challenges and Lessons Learned in the Muir Beach Wetland Restoration Project**
🕒 8:20am - 8:40am, Oct 30
- **Herbicide Use in Habitat Restoration: Organic Versus Outcome**
🕒 8:40am - 9:00am, Oct 30

9:30am

Session 11: Wetland and Aquatic Invasives

🕒 9:30am - 10:30am, Oct 30

Moderated by Drew Kerr, San Francisco Estuary Invasive Spartina Project.

DPR CE credit: 1 hour "Other"

🗣️ Speakers



Michael Kwong Environmental Scientist, California State Parks - Division of Boating and Waterways



Sean Hastings Policy, Information and Management Officer, NOAA / Channel Islands National Marine Sanctuary



Elizabeth Crook Assistant Professor of Teaching, UC Irvine

3 Subsessions

- **Continued Management and Monitoring of Alligator Weed (*Alternanthera philoxeroides*) in the Sacramento-San Joaquin Delta and Suisun Marsh**
🕒 9:30am - 9:50am, Oct 30
- **When Control is Constrained to Containment - *Undaria pinnatifida* at the Channel Islands**
🕒 9:50am - 10:10am, Oct 30
- ***Limonium ramosissimum* Distribution Models and Effective Treatment Types in the Upper Newport Bay of Orange County, California**
🕒 10:10am - 10:30am, Oct 30

11:00am

Discussion Groups

🕒 11:00am - 12:30pm, Oct 30

6 Subsessions

- **1. Weed Control Using Herbicides**
🕒 11:00am - 12:30pm, Oct 30
- **2. Non-Chemical Techniques for Weed Control**
🕒 11:00am - 12:30pm, Oct 30
- **3. Using Calflora for Tracking Weeds**
🕒 11:00am - 12:30pm, Oct 30
- **4. Calflora Weed Manager: Advanced Tools and Tips**
🕒 11:00am - 12:30pm, Oct 30
- **5. Developing a Program for Weed-Free Materials**
🕒 11:00am - 12:30pm, Oct 30
- **6. Building Justice, Equity, Diversity, and Inclusion into Conservation Work**
🕒 11:00am - 12:30pm, Oct 30

1:00pm

Session 12: Early Detection and Rapid Response: Effective Weed Control at the Landscape Level

🕒 1:00pm - 2:30pm, Oct 30

Moderated by Sharon Farrell, Golden Gate National Parks Conservancy and California Landscape Stewardship Network.

DPR CE credit: 1 hour "Other"

🗣️ Speakers



Sharon Farrell Golden Gate National Parks Conservancy



Jesse Patterson Chief Strategy Officer, League to Save Lake Tahoe



Rachel Kesel Conservation Management Specialist, Golden Gate National Parks Conservancy



Christy Brigham Chief of Resources Management and Science, Sequoia and Kings Canyon National Park



Nathan Gregory Vice President and Chief Programs Officer, Irvine Ranch Conservancy



Leah Gardner senior environmental scientist (specialist), CA State Parks

3:00pm

Session 13: Innovations in Tracking Invasives; plus Closing Remarks

🕒 3:00pm - 4:30pm, Oct 30

Moderated by Jutta Burger, California Invasive Plant Council.

DPR CE credit: 1 hour "Other"

🗣️ Speakers



Theresa Culley Professor and Head, University of Cincinnati



Rachel Meyer Assistant Adjunct Professor, University of California Santa Cruz



Aimee Hurt Working Dogs for Conservation



Doug Johnson Executive Director, California Invasive Plant Council (Cal-IPC)

4 Subsessions

- **The Role of Public Gardens as Sentinels of Plant Invasion**
🕒 3:00pm - 3:20pm, Oct 30
- **Invasive Species Holobiomes as Bioindicators? Environmental DNA Metabarcoding from Community-collected eDNA Samples Makes Holobiomes Available for Common Invasive Plants**
🕒 3:20pm - 3:40pm, Oct 30
- **Using Detection Dogs to Enhance Invasive Plant Management Strategies**
🕒 3:40pm - 4:00pm, Oct 30
- **Closing Remarks**
🕒 4:00pm - 4:30pm, Oct 30