

2022 California Invasive Plant Council Symposium

Event Schedule

Tue, Nov 01, 2022

8:00 AM

Statewide WMA Meeting

🕒 8:00 AM - 10:00 AM, Nov 1

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.

Moderator: Doug Johnson, Cal-IPC
[1.5 "Other" DPR CE credits - take quiz after session]

🗣️ Speakers



Michelle Dennis
CDFA



David Kratville
California Department of Food and Agriculture (CDFA)



Kari Osegueda
CDFA



Robert Price
Senior Seed Botanist/Primary State Botanist
CDFA Seed Lab



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



Nikki Valentine
California Invasive Plant Council (Cal-IPC)

4 Subsessions



Welcome!

🕒 8:00 AM - 8:05 AM, Nov 1



CDFA Weed Program Updates

🕒 8:05 AM - 9:00 AM, Nov 1



Tracking Regional EDRR in Calflora

🕒 9:00 AM - 9:20 AM, Nov 1



WMA Updates

🕒 9:20 AM - 10:00 AM, Nov 1

10:30 AM

Career Panel

🕒 10:30 AM - 11:30 AM, Nov 1

Designed for students and early-career professionals. Hear advice and input from people in different areas of the conservation field.

Moderated by Clarissa Rodriguez, UC Riverside

Speakers

**Kris Hulvey**

Founder & Chief Scientist
Working Lands Conservation

**Hailey Laskey**

Preserve Manager
Center For Natural Lands Mgmt

**Dirk Plunkett**


Laboratory Technician
UC Riverside

**Mark Mendelson**

Botanist
National Park Service

12:15 PM

Trivia time!!

 12:15 PM - 12:30 PM, Nov 1

It's lightning-round trivia! Just for funsies, test your knowledge of IPM, plant ID, and other factoids. Plus you'll have a chance to win Cal-IPC stickers and other cool swag if you come to just one or all three days of trivia.

Be sure to be in the room by 12:15 pm sharp... these questions wait for no one! Max attendees 100

[Day 1 trivia questions](#)

[Day 2 trivia questions](#)

[Day 3 trivia questions](#)

Question banks will be opened when trivia is in play


Speaker

**Lauren Quon**

US Forest Service

12:30 PM

Workshop: How to Set Up an Early Detection/Rapid Response (EDRR) Program

 12:30 PM - 2:30 PM, Nov 1

Instructor: Rachel Kesel, One Tam
[2.0 "Other" DPR CE credits - take quiz after session]

This training will outline the four cornerstones of an Early Detection, Rapid Response program. First, we'll consider your survey geography with an emphasis on vector pathways for invasive plants. We'll review tools and considerations for selecting target species. Data collection requirements, pitfalls, and opportunities will be discussed at a high level. Because rapid response is the goal of early detection surveys, we'll look at strategies for ensuring treatments are built into your pilot program. The instructor will provide a link to training resources for participants and checklists and cheat sheet for later use uploaded to the conference program website. This workshop derives from the One Tam EDRR program in Marin County and the EDRR training program at California State Parks.

12:30 PM	Introduction and Value of EDRR (Invasion Curve)
12:40 PM	Where are the weeds? A geographic approach to deciding where to survey with an emphasis on vector pathways.
1:00 PM	Drafting a species list using Cal WeedMapper, WMA lists, and other tools. Techniques for creating a realistic list with emphasis on detectability, likelihood of treatment success, and habitat preferences.
1:15 PM	Data collection do's and don'ts
1:30 PM	Treatment Strategies: Treatments on surveys, "When to Treat" cheatsheet, Integrating early detections into annual maintenance
1:50 PM	Tips for starting small
2:00 PM	Tips for integrating EDRR into existing weed management programs
2:10 PM	Review of materials available to support development of your pilot program
2:20 PM	Q&A
2:30 PM	End

Speaker




Rachel Kesel

Conservation Management Specialist
Golden Gate National Parks Conservancy

3:00 PM

Herbicide Laws and Regulations

 3:00 PM - 5:00 PM, Nov 1

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 / Alameda County Agricultural Commission

2 Hr DPR CE "Laws and Regs" credit. Exam posted after session.

ISA Credits available. [Register for credit.](#)

Speakers

Jim Hartman

Deputy Agricultural Commissioner/Sealer
LA Co. Agricultural Commissioner/Weights & Measures



Christopher McDonald

Advisor
University of California, Cooperative Extension



Maria Alfaro

Community Education Specialist
UC Ag Natural Resources (UCANR)

📣 Moderator / Speaker



LeeAnne Mila
El Dorado County

3 Subsessions

● **Being a responsible applicator**

🕒 3:00 PM - 4:30 PM, Nov 1

● **Do the right thing! Common mistakes in wildland weed applications and how to correct them**

🕒 3:30 PM - 4:30 PM, Nov 1

● **Use it or lose it: Personal Protective Equipment (PPE) and weed management**

🕒 4:30 PM - 5:00 PM, Nov 1

Wed, Nov 02, 2022

8:00 AM

Cal-IPC Welcome and Session 1: Special Session - Fire! Protecting communities with environmentally sensitive vegetation management

🕒 8:00 AM - 10:00 AM, Nov 2

This session is brought to you in part by the National Park Service.

Moderator: Nicole Molinari, USDA Forest Service
[1.0 "Other" DPR CE credit - take quiz after session]

ISA Credits available. [Register for credit.](#)

📣 Speakers



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



Robert Fitch
PhD Candidate
University of California, Santa Barbara



Matthew Wells
Santa Monica Mountains Fund



Allison Erny
Forestry Project Manager
Placer County Resource Conservation District



Hannah Lopez
Fire Forward, Audubon Canyon Ranch

📣 Moderator



Nicole Molinari
US Forest Service

5 Subsessions

● Welcome and Cal-IPC updates

🕒 8:00 AM - 8:20 AM, Nov 2

● Replacing non-native grasses with herbaceous native plants to reduce ignition potential of fuel breaks and roadsides *STUDENT PRESENTATION*

🕒 8:30 AM - 8:50 AM, Nov 2

● Timed mowing of invasive grasslands in Santa Monica Mountains National Recreation Area *STUDENT PRESENTATION*

🕒 8:55 AM - 9:15 AM, Nov 2

● Conservation-based approaches for landscape-scale fuels management projects

🕒 9:20 AM - 9:40 AM, Nov 2

● Expanding the use of prescribed fire as an ecosystem stewardship tool in fire-adapted landscapes

🕒 9:40 AM - 10:00 AM, Nov 2

10:30 AM

Poster and Lightning Talk Session

🕒 10:30 AM - 11:30 AM, Nov 2

📍 Scroll down to view each presentation

View all 10 Posters/Lightning Talks labeled with "DPR CREDIT" and take quiz posted after session (in Session Chat) for 1 "Other" DPR CE credit.

🚩 Speakers



Elizabeth Brusati

Senior Environmental Scientist (Specialist)
California Department of Fish and Wildlife



Krista Hoffmann

Senior Environmental Scientist (Specialist)
California Department of Fish and Wildlife



Ka Ki Law

Master's candidate
San Jose State University



Jackson Brooke

Restoration Technician
Santa Lucia Conservancy



Robin Carter-Ervin

California Department of Water Resources (DWR)



Christiana Conser

HANA Resources, Inc.



Rachel Hendrickson

Vegetation Biologist
Point Reyes National Seashore



Marina LaForgia

Postdoctoral Fellow
UC Davis & University of Oregon



Patrick Moran

Research Entomologist
USDA-Agricultural Research Service



Rebecca Nelson
PhD Student
University of California Davis



Cynthia Powell
Executive Director
Calflora



Clarissa Rodriguez
Student
University of California Riverside



Stuart Schwab
University of California, Riverside



Charlie Startin
IPM Intern, Natural Resources Division
San Francisco Public Utilities Commission



Alex Simmons
Program Manager
PlantRight (Plant California Alliance)



Joanna Tang
Doctoral student
University of California, Santa Barbara

15 Subsessions

● **Poster - Managing invasive species from cities to wildlands for wildlife, plants, and habitat *DPR CREDIT***

🕒 10:30 AM - 11:30 AM, Nov 2

● **Poster - Succession of soil microbial communities in a managed conifer-encroached grassland *STUDENT PRESENTATION***

🕒 10:30 AM - 11:30 AM, Nov 2

● **Lightning Talk - Case study: managing yellow starthistle in grazed and ungrazed areas in the California Central Coast *DPR CREDIT***

🕒 10:30 AM - 11:30 AM, Nov 2

● **Lightning Talk - South American spongeplant (*Limnobia laevigatum*) found in the Feather River *DPR CREDIT***

🕒 10:30 AM - 11:30 AM, Nov 2

● **Lightning Talk - Habitat restoration at Hidden Valley Wildlife Area utilizing drone technology *DPR CREDIT***

🕒 10:30 AM - 11:30 AM, Nov 2

● **Lightning Talk - Jubata grass in the wake of the Woodward Fire *DPR CREDIT***

🕒 10:30 AM - 11:30 AM, Nov 2

● **Lightning Talk - Invasive grasses interact with rainfall variability to shift taxonomy and function in native rhizosphere microbiomes *DPR CREDIT***

🕒 10:30 AM - 11:30 AM, Nov 2

● **Lightning Talk - Update on recent biological control releases against invasive plants by the USDA-ARS in California *DPR CREDIT***

🕒 10:30 AM - 11:30 AM, Nov 2

● **Lightning Talk - The effect of *Vicia villosa* invasion on plant-pollinator networks and native plant fitness *STUDENT PRESENTATION***

🕒 10:30 AM - 11:30 AM, Nov 2

● **Lightning Talk - Distilling data with Calflora**

🕒 10:30 AM - 11:30 AM, Nov 2

● **Lightning Talk - Assessing the impacts of herbicide management options on the soil seed bank *DPR CREDIT* *STUDENT PRESENTATION***

🕒 10:30 AM - 11:30 AM, Nov 2

● **Lightning Talk - Incomplete burning during prescribed fire may form stinknet (*Oncosiphon piluliferum*) refugia *DPR CREDIT* *STUDENT PRESENTATION***

🕒 10:30 AM - 11:30 AM, Nov 2

● **Lightning Talk - Assessing woody plant encroachment in Marin County, California, 1952-2018. *STUDENT PRESENTATION***

🕒 10:30 AM - 11:30 AM, Nov 2

● **Lightning Talk - Updates on horticultural invasives prevention *DPR CREDIT***

🕒 10:30 AM - 11:30 AM, Nov 2

● **Lightning Talk - Who's managing what, and for whom? *STUDENT PRESENTATION***

🕒 10:30 AM - 11:30 AM, Nov 2

11:45 AM

Trivia time!!

🕒 11:45 AM - 12:00 PM, Nov 2

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Be sure to be in the room by 11:45 pm sharp... these questions wait for no one! Max attendees 100.

[Day 1 trivia questions](#)

[Day 2 trivia questions](#)

[Day 3 trivia questions](#)

Question banks will be opened when trivia is in play

🚩 Speaker



Lauren Quon
US Forest Service

12:30 PM

Session 2: Post-Fire EDRR and Restoration

🕒 12:30 PM - 1:30 PM, Nov 2

Moderator: Lauren Quon, Cleveland National Forest
[1.0 "Other" DPR CE credit - take quiz after session]

🚩 Moderator



Lauren Quon
US Forest Service

🚩 Speakers



Andrew Castro
Weed Crew Lead
California Botanic Garden



Julia Michaels
Restoration Ecologist
Hedgerow Farms / Pacific Coast Seed



Jay Woolsey
Restoration Ecologist
California Institute of Environmental Studies

3 Subsessions

● **Tackling invasive plant populations after the 2020 fire season in the Angeles National Forest**

🕒 12:30 PM - 12:50 PM, Nov 2

● **Case Study Butte Fire: Post fire seeding and mulching treatment effects on plant cover, RDM, erosion control and invasive species recruitment**

🕒 12:50 PM - 1:10 PM, Nov 2

● **Control of invasive plants within the Scorpion Fire burn area at Santa Cruz Island**

🕒 1:10 PM - 1:30 PM, Nov 2

2:00 PM

Session 3: Herbicide Hot Topics

🕒 2:00 PM - 3:00 PM, Nov 2

Moderator: Scott Oneto, UC Cooperative Extension
[1.0 "Other" DPR CE credit - take quiz after session]

🚩 Moderator



Scott Oneto
University of California Cooperative Extension

🚩 Speakers



Rick Miller

Territory Manager for Pasture & Land Management
Corteva



Brad Hanson

Cooperative Extension Weed Specialist
UC Davis



Christopher McDonald

Advisor
University of California, Cooperative Extension

3 Subsessions

● **What's new from industry: California land management herbicide update**

🕒 2:00 PM - 2:20 PM, Nov 2

● **The basics of herbicide resistance in weeds**

🕒 2:20 PM - 2:40 PM, Nov 2

● **Using organic herbicides on roadsides and ROW: Evaluating costs and effectiveness**

🕒 2:40 PM - 3:00 PM, Nov 2

3:30 PM

Weed Alerts and Session 4: Failure to Launch and Lessons Learned

🕒 3:30 PM - 5:00 PM, Nov 2

Moderator: Clarissa Rodriguez, UC Riverside
[1.0 "Other" DPR CE credit - take quiz after session]

🚩 Moderator



Clarissa Rodriguez

Student
University of California Riverside

🚩 Speakers



Jutta Burger

California Invasive Plant Council (Cal-IPC)



Robert Price

Senior Seed Botanist/Primary State Botanist
CDFA Seed Lab



Elise Gornish

University of Arizona



Michael Gillogly

Preserve Manager
Pepperwood Preserve



Stephanie Yelenik

Rangeland Scientist
US Forest Service

4 Subsessions

● **Weed Alerts and Invasive Plant Updates for 2022**

🕒 3:30 PM - 4:00 PM, Nov 2

● **Making restoration better (Nothing in this presentation is true but it's exactly how things are).**

🕒 4:00 PM - 4:20 PM, Nov 2

● **Land stewardship in these changing times: Hard work, a sense of humor and a dash of humility go a long way towards peace of mind.**

🕒 4:20 PM - 4:40 PM, Nov 2

● **Fumbling towards successful strategies to increase forest diversity under Acacia koa stands in Hawai'i**

🕒 4:40 PM - 5:00 PM, Nov 2

Thu, Nov 03, 2022

8:00 AM

Session 5: Special Session - Protecting Nature in the City

🕒 8:00 AM - 10:00 AM, Nov 3

Moderator: Peter Brastow, City and County of San Francisco
[1.0 "Other" DPR CE credit - take quiz after session]

ISA Credits available. [Register for credit.](#)

🚩 Moderator



Peter Brastow

Senior Biodiversity Coordinator
SF Environment Department

🚩 Speakers



Travis Longcore

Adjunct Professor
UCLA Institute of the Environment and Sustainability



Erica Spotswood

Second Nature Ecology and Design



Amanda Ikert

Head of Adaptation Implementation
C40 Cities



Dominic Maze

City of Portland, Bureau of Env. Services



Isao Kaji

Natural Resource Specialist
SF Recreation and Parks

5 Subsessions

● **Managing invasive plants for biodiversity in the city: a view from Los Angeles**

🕒 8:00 AM - 8:25 AM, Nov 3

● **The biological deserts fallacy: Cities in their landscapes contribute more than we think to regional biodiversity**

🕒 8:25 AM - 8:50 AM, Nov 3

● **Urban nature, biodiversity, and climate change in cities around the world**

🕒 8:50 AM - 9:15 AM, Nov 3

● **City of Portland invasive species strategies and comprehensive policy framework; A synopsis**

🕒 9:15 AM - 9:40 AM, Nov 3

● **Managing for native biodiversity in San Francisco's urban environment**

🕒 9:35 AM - 10:00 AM, Nov 3

10:30 AM

Panel Discussions

🕒 10:30 AM - 11:30 AM, Nov 3

DPR CE credit for selected discussion groups - quiz links provided at end of the sessions.

Discussion Group 1: 1.0 "Other" DPR CE credit

Discussion Group 2: 1.0 "Other" DPR CE credit

Discussion Group 4: 1.0 "Other" DPR CE credit

Discussion Group 5: 1.0 "Other" DPR CE credit

Discussion Group 6: 1.0 "Other" DPR CE credit

7 Subsessions

● **Discussion Group 1: Fuels management the wildland urban interface (WUI)**

🕒 10:30 AM - 11:30 AM, Nov 3

● **Discussion Group 2: Stewardship of urban nature**

🕒 10:30 AM - 11:30 AM, Nov 3

● **Discussion Group 3: Building a shared language for conservation work**

🕒 10:30 AM - 11:30 AM, Nov 3

● **Discussion Group 4: Integrating weed control techniques**

🕒 10:30 AM - 11:30 AM, Nov 3

● **Discussion Group 5: Grasslands management**

🕒 10:30 AM - 11:30 AM, Nov 3

● **Discussion Group 6: Mapping and tracking invasive plants with Calflora**

🕒 10:30 AM - 11:30 AM, Nov 3

● **Discussion Group 7: Preparing yourself for the job market: Do's & Dont's**

🕒 10:30 AM - 11:30 AM, Nov 3

12:15 PM

Trivia time!!

🕒 12:15 PM - 12:30 PM, Nov 3

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[Day 1 trivia questions](#)

[Day 2 trivia questions](#)

[Day 3 trivia questions](#)

Question banks will be opened when trivia is in play

🚩 Speaker



Lauren Quon
US Forest Service

12:30 PM

Session 6: Coastal and Wetland Projects on the Wildland Urban Interface

🕒 12:30 PM - 1:30 PM, Nov 3

Moderator: Drew Kerr, Invasive Spartina Project
[1.0 "Other" DPR CE credit - take quiz after session]

🚩 Moderator / Speaker



Drew Kerr
Consultant
Invasive Spartina Project

🚩 Speakers



Alys Arenas
Restoration Manager
Newport Bay Conservancy



Madison Thomas
California Department of Water Resources (DWR)



Lauren Kuehne
Environmental Scientist
Omfishient Consulting

3 Subsessions

● **Mobilizing rapid response to the tidal marsh threat posed by *Paspalum vaginatum* in both northern and southern California**

🕒 12:30 PM - 12:50 PM, Nov 3

● **Controlling invasive *Phragmites australis* at a restoration site in Suisun Marsh, CA**

🕒 12:50 PM - 1:10 PM, Nov 3

● **Environmental constraints and management results for parrotfeather, *Myriophyllum aquaticum***

🕒 1:10 PM - 1:30 PM, Nov 3

2:00 PM

Session 7: Tools and Techniques

🕒 2:00 PM - 3:00 PM, Nov 3

Moderator: Guy Hernandez, National Park Service
[1.0 "Other" DPR CE credit - take quiz after session]

🚩 Moderator



Guy G. Hernandez
Biological Science Technician (Plants)
Yosemite National Park

🚩 Speakers



Thomas Getts
UCCE



Jane Mangold
Professor
Montana State University



Steve Fennimore
University of California

3 Subsessions

● **Winter annual grass control: Experiences with indaziflam in the mountains of northeastern California**

🕒 2:00 PM - 2:20 PM, Nov 3

● **Weeds and seeds and fire, oh my! Weed management lessons from Montana**

🕒 2:20 PM - 2:40 PM, Nov 3

● **Machine learning and robotics enhances the value of physical weed control**

🕒 2:40 PM - 3:00 PM, Nov 3

3:30 PM

Session 8: Bridging the Gap Between Academia and Land Management + Awards and Closing

🕒 3:30 PM - 5:00 PM, Nov 3

Moderator: Metha Klock, San Jose State University

🚩 Moderator / Speaker



Metha Klock
Assistant Professor
San Jose State University

🚩 Speakers



Toni Lyn Morelli
US Geological Survey



Esther Cole Adelsheim
Stanford University



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

5 Subsessions

● Awards

🕒 3:30 PM - 3:45 PM, Nov 3

● Limitations and solutions to sharing knowledge about invasive species research and management between academia and land management

🕒 3:45 PM - 4:05 PM, Nov 3

● Translational invasion ecology and climate change: Bridging research and practice to address the greatest drivers of global change

🕒 4:05 PM - 4:25 PM, Nov 3

● Land use type influences project outcomes and timelines in academic and non-academic partnerships

🕒 4:25 PM - 4:45 PM, Nov 3

● Closing

🕒 4:45 PM - 5:00 PM, Nov 3