

California chaparral symposium IV: Integrating science and stewardship to promote human and ecosystem resilience

*May 7-9th, 2024
San Luis Obispo, California*

Tuesday, May 07, 2024

1:00 pm to 1:20 pm	Welcome, introductions, and agenda	Hugh Safford
1:20 pm to 1:50 pm	Chaparral: the social and ecological background	Nicole Molinari & Hugh Safford
1:50 pm to 2:10 pm	What is "Maritime Chaparral" and how does its management pose novel conservation challenges?	Mike Vasey

Balancing fire risk and environmental impacts

2:10 pm to 2:25 pm	Prescribed burning of Venturan coastal sage	Frank Davis
2:25 pm to 2:40 pm	WUI Typologies: A multi-dimensional land classification for balancing fire risk reduction with natural resource conservation?	Alex Syphard
2:40 pm to 2:55 pm	The Regional Wildfire Mitigation Program: A path to resilience for human communities in shrubland landscapes	Max Moritz (UC ANR)
2:55 pm to 3:10 pm	Balancing Fuel Management Goals and the Ecological Impacts of Fuel Modification	Robert Fitch (UCSB)
3:10 pm to 3:25 pm	CAL VTP demystified	Len Nielson
3:25 pm to 4:00 pm	Questions & Discussion	
4:00 pm to 4:15 pm	BREAK	
4:15 pm to 5:30 pm	POSTER SESSION	

Wednesday, May 08, 2024

9:00 am to 9:10 am	Introduction to the day	TBD
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Effects of changing fire regimes in chaparral

9:10 am to 9:25 am	Frequent fire in northern California chaparral reduces post-fire shrub regeneration and native plant diversity	Ashley Grupenhoff
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9:25 am to 9:40 am	Impact of Short Fire Return Intervals on Shrub Resilience: How Short is Too Short?	Jon Keeley
9:40 am to 9:55 am	Predicting the impacts of changing fire regimes on a rare chaparral shrub, Morro manzanita	Claudia Tyler
9:55 am to 10:10 am	Using the EcoServe Tool to quantify the impacts of fire on chaparral biomass and other ecosystem services	Emma Underwood & Charlie Schrader
10:10 am to 10:40 am	Questions & Discussion	
10:40 am to 11:00 am	BREAK	

Strategies & goals for stewarding chaparral: Case-studies from the field

11:00 am to 11:10 am	Fuels, fear and fire-followers: balancing human and ecological risk at Pinnacles National Park	Amelia Ryan
11:10 am to 11:20 am	TBD	Robert Fisher (USGS)
11:20 am to 11:30 am	Fire Management in Chamise Chaparral	Dave Erickson & Luke Bourgault
11:30 am to 11:40 am	To burn or not to burn, that is the question....	Jeremy Zagarella
11:40 am to 1:10 pm	LUNCH	
1:10 pm to 1:20 pm	Names without specificity: Hat and Chaparral. How being specific when discussing apparel or California shrub communities' interaction with fire is key.	Jared Childress
1:20 pm to 1:30 pm	Things we thought we knew: reexamining the relationship between remaining twig diameter and fire intensity	Kate Wilkin
1:30 pm to 1:40 pm	Crushing Manzanitas to Save Them in the Santa Cruz Sandhills	Tim Hyland
1:40 pm to 1:50 pm	Quantifying the Value of Fuelbreak Networks in Chaparral Landscapes	Matt Sloggy

1:50 pm to 2:20 pm

Questions and Discussion

2:20 pm to 2:30 pm

BREAK

Chaparral Restoration: Approaches and Lessons Learned

2:30 pm to 2:45 pm

Diverse approaches to a complex problem: restoring woody plant diversity to degraded chaparral

Carla D'Antonio

2:45 pm to 3:00 pm

Trait-offs in strategies: Matching plant functional traits to microsite conditions to maximize restoration survival

Shane Dewees (UCSB)

3:00 pm to 3:15 pm

Drought limitations in restoring chaparral and coastal sage scrub species: An ecophysiological case study

Anna Jacobsen & Brandon Pratt

3:15 pm to 3:30 pm

Time since fire impacts chaparral post-fire restoration success and seed bank recovery

Meg Kargul

3:30 pm to 3:45 pm

Developing a postfire restoration framework for shrublands

Emma Underwood and Nicole Molinari

3:45 pm to 4:15 pm

Questions and Discussion

Thursday, May 09, 2024

7:45 am to 5:30 pm

FIELD TRIP

Must be registered to attend

Bring a bag lunch and water