8th California Oak Symposium

**Sustaining Oak Woodlands Under Current and Future Conditions**

Monday-Thursday. March 22-25, 2021

Embassy Suites, San Luis Obispo, California

**Monday, March 22**

7:30-8:30 Registration

10 AM-5 PM Field Tours (separate registration)

* **Dangermond Preserve** (full day) (confirmed; Claudia plan & lead)
* **The Sinton Family’s Avenales Ranch** (full day) (confirmed; Royce plan & lead)
* **Santa Margarita Ranch Vineyard** (half day - AM) (confirmed; Bill plan and ask Vineyard Manager to lead)
* **Learning Among the Oaks Trail** (half day – PM)

Dinner on own

**Tuesday, March 23**

8:00 AM **Welcome & Introductions**

Conference Chair, Bill Tietje

**Plenary Session I: Climate Change: Challenges & Prospects for Sustaining CA Oak Woodland**

Moderator: a (invited)

8:10 ***Keynote Address****:*

**Setting the Tone: An Overview of Climate Change and Oaks**

David Ackerly—confirmed

8:35 **The Past**: **What Blue Oak Tree Ring Analysis Tells Us about California’s Ancient Oak Woodlands**

David Stahle—confirmed

8:35 **The Present: Drought-induced Blue Oak Mortality**

Ted Swiecki/Elizabeth Bernhardt—confirmed

9:00 **The Future: Implications of Climate Change for the Future of California’s Oak Woodlands**

Frank Davis—confirmed

9:50 **Question & Answer Session**

10:00 Break

10:30

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| **Concurrent Session 1:** Oak Regeneration, Oak Physiology and Genetics (**put How to Grow Oaks PANEL here or with this Concurrent**) | **Concurrent Session 2:** Ecology/Wildlife/Plants |

12 PM Lunch

**Plenary Session II: Climate Change—Challenges & Prospects for Managing Privately-owned Oak Woodland**

Moderator: (invited)

1:30 **21st Century Management Strategies for Managing California Oak Populations**

Victoria Sork—confirmed

1:30 **Oak Management under More Frequent and Intense Wildfire**

Jon Keeley—confirmed

1:55 **Modern Oak Management Using Native and Non-native Regimes**

Chuck Striplen—confirmed

2:20 **Climate Change and the Management of California Oaks in the Urban Environment**

Igor Lacan—confirmed

2:45 **Question & Answer Session**

3:00 Break

3:20

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| **Concurrent Session 3:** Ecosystem Services  Moderated by TBD | **Concurrent Session 4:** Pests and Diseases  Moderated by TBD |

5:30 **Poster Session with strolling dinner and no-host bar**

8:00 PM Adjourn

**Wednesday, March 24**

8:00 AM

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| |  | | --- | | **Concurrent 5 (Special Topic Session): Education, Outreach, and Engagement**  Moderator: Gregory Ira, Director, UC ANR California Naturalist Program.  This panel will explore different forms of educational initiatives related to oaks and oak woodlands for diverse audiences. It also examines lessons learned and best practices for increasing diversity, equity, and inclusion in these programs. | | **Adult Education—Teaching Adults about Oaks through the California Naturalist Program.**  Prahlada Papper (PhD student, UC Berkeley, Ackerly Ecology Lab)—confirmed  **K-12 Education-A Case Study of the Learning Among the Oaks (LATO) Program.**  Beverly Gingg (Manager, LATO, The Land Conservancy of San Luis Obispo County)—confirmed  **The Re-Oak Project: The Evolution of a Community and Citizen Science Initiative**  Andrea Williams (Director of Plant Science, CNPS)—confirmed  **Diversity, Equity, and Inclusion—Helping Communities Reconnect to Land in Meaningful Ways**  Marcos A. Trinidad (Director, Audubon Center at Debs Park)—confirmed  ***Include Submitted Abstracts on the topic*** | | **Concurrent 6:** Fire  Moderated by TBD |

10:00 Break

10:30 **Concurrent Sessions 7 & 8**

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| **Concurrent Session 7:** Oak Policy  Moderator TBD | **Concurrent Session 8:** Land Use/Conservation  Moderated by TBD |

12 PM LUNCH

1:30 Wednesday, 24 March 2021

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| **Concurrent 9 (Special Topic Session): New Technologies—Insights they Provide for Oak Conservation**  Moderator: Maggi Kelly—confirmed  This Special Session will explore new technologies being used in the lab and field to determine oak woodland organisms’ tolerance and potential for adaptation to changing environmental conditions. It also examines use of the lessons learned for the management and conservation of oak woodlands. | **Concurrent 10:** Urban Oaks  Moderated by TBD |
| ***“Start where you stand, and work with whatever tools you may have at your command, and better tools will be found as you go along.”—George Herbert, poet***  ***USFS-PNW Remote Sensing Technologies for CA Oak Woodlands***  Hans-Erik Andersen*—*confirmed  ***Conservation Dashboards—recording, monitoring, and reporting live from the coast live oak restoration project at the Dangermond Preserve***  Kelly Easterday*—*confirmed  ***Use of Genomic Information in Oak Conservation***  Jessica Wright*—*confirmed  ***New SOD Testing Technology:* OakSTeP & SOD Blitz*:***  Matteo Garbelotto*—*confirmed  ***Include Submitted Abstracts on the topic*** |  |

3:00 BREAK

3:30

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| **Concurrent Session 11:** Effects of Climate Change  Moderated by TBD | **Concurrent Session 12:** Agriculture  Moderated by TBD |

**Thursday, March 25**

**Plenary Session III: Maintaining California’s Working Landscapes**

8:00 **The Future of California’s Working Landscapes in Changing Environmental Conditions**.

Lynn Huntsinger—confirmed

8:25 **Landscapes that WORK for Nature and Ranchers**

Adina Merenlender—confirmed

9:50 **Adapting Ranch Management to Prolonged Drought and Changing Plant Phenology**

Royce Larsen—confirmed

9:15 **Keeping the Ranch in the Family: The Rancher’s Perspective**

Steve Sinton & Son (Daniel Sinton)—confirmed

9:45 ***Audience Questions and Comments***

10:00 BREAK

10:30 ***Capstone Presentation***:

**Where Have We Been and Where Are We Going?**

Paul Starrs—confirmed

11:30 **Adjourn**