

## Silviculture Instructors' Tour 2023

### Mixed Conifer Silviculture in the Face of Existential Threats

This year's tour will focus on how silviculture is pivoting in California, as drought stress and a fundamentally altered fire regime challenges the ecological underpinnings of forest presence at the stand level. Silviculturists find themselves focusing on the objective of keeping forest structures present, as opposed to what have been traditional objectives in this region. We will tour several long-term studies at Blodgett Forest that are relevant to this topic, and also visit post-fire reforestation sites that are being setup to demonstrate the variety of post-fire practices common in California. We will also visit new studies designed to assess climate change impacts. Using Blodgett Forest as a basecamp, we will tour several central Sierra Nevada mixed conifer locations.

**Cost-** Participants will be covering hotel costs on Sunday night on their own. Payment for housing (at Blodgett Forest), food, and van rental costs will be \$330. This can be paid when participants are at Blodgett via cash or check made payable to UC Regents. Or via credit card in advance at <https://na.eventscloud.com/763460>

**Agenda:** Sunday, October 22<sup>nd</sup> through Wednesday, October 25<sup>th</sup>

**Sunday, Oct. 22:** Arrival in Sacramento; Recommended hotel: See below for recommendations for hotels, which are all close to each other. Dinner on own or self-organized

**Monday, Oct 23:** Breakfast on own

Pickup with vans, depart ~ 8:30am

Arrival at Blodgett Forest ~10:30

10:30 – 11:00 settle into rooms

11:00 – 12:00 Introduction to Blodgett Forest (Ariel Roughton)

12:00 – 13:00 Lunch at Blodgett HQ

13:00 – 15:00 Fire and Fire Surrogate Study Past, Present and Future (Brandon Collins, Rob York, Bryant Nagelson, John Battles)

15:00 – 15:50 Prescribed fire: First versus third entry emissions (John Battles)

15:50 – 16:35 Canopy gaps as a tool to reduce herbicide use (Amber Lennon)

16:35 – 16:50 Drive-by of Mosquito Fire Reforestation Demonstrations (Ariel Roughton, Rob York)

16:50 – 17:20 Goat grazing trials for stand-level fuels management (Rick Satomi)

17:20 – 18:00 Free

18:30 – 19:15 Dinner at Blodgett

19:15 – 20:15 **Annual Business Meeting** (John Bailey)

**Tuesday, Oct 24**

7:30 – 8:30 Breakfast at Blodgett; pack lunches

8:30 – 9:15 Giant sequoia spacing and pruning study (Rob York)

9:15 – 9:40 Long Term Soil Productivity Study (Jianwei Zhang)

9:40 – 12:00 Travel to and visit Foresthill Seed orchard (Marie McLaughlin)

12:00 – 16:00 Travel to and visit Institute of Forest Genetics (Jessica Wright and Chris Looney)

16:00 – 17:00 Travel and refreshments at Blodgett

18:00 – 19:00 Dinner at Blodgett

19:00 – **Social Time**

**Wednesday, Oct 25**

7:30 – 8:30 Breakfast at Blodgett; pack lunches

8:30 – 10:30 Travel to Grouse Ridge Research Station

10:30 – 12:30 Sierra Nevada Adaptive Management Experiment, evaluating silvicultural options for a range of future climatic scenarios (Rob York and Sarah Bisbing)

12:30 – 14:30 Travel to Sacramento

Recommended hotels near airport.

- **Hilton Garden Inn, South Natomas**
  - 20 Advantage Ct, Sacramento, CA 95834
  - <https://www.hilton.com/en/hotels/sacangi-hilton-garden-inn-sacramento-airport-natomas/>
  - Airport shuttle
  - (916) 579-7000
- **Holiday Inn Express, South Natomas**
  - 2981 Advantage Way, Sacramento, CA 95834
  - <https://www.ihg.com/holidayinnexpress/hotels/us/en/sacramento/sacdp/hoteldetail>
  - 24hr airport shuttle
  - (916) 928-9400
- **Hampton Inn and Suites, South Natomas**
  - 3021 Advantage Way, Sacramento, CA 95834
  - <https://www.hilton.com/en/hotels/sacnhx-hampton-suites-sacramento-airport-natomas/>
  - Airport Shuttle
  - (916) 928-5700
- **Wyndham Garden, South Natomas**
  - 2298 Terracina Drive, Sacramento, California 95834
  - <https://www.wyndhamhotels.com/wyndham-garden/sacramento-california/wyndham-garden-sacramento-airport-natomas/overview>
  - [+1-916-419-2222](tel:+19164192222)
  - Airport shuttle