



1st Annual
CALIFORNIA TREE SCHOOL
Hopland Session

May 4, 2024
Hopland REC, Hopland, CA

Presented By:

UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources



Forest Stewardship



FIRE NETWORK

Welcome Letter

The UC ANR Forest Stewardship Team is excited to welcome you to the first annual California Tree School. This one day forestry and natural resources event will cover a wide variety of topics of interest to forest landowner, managers, and anyone who loves trees.

We want to give a special shoutout of appreciation to our colleagues at Oregon State who inspired us to take this on, and who have provided us with many hours of consultation and support.

We hope you enjoy the day.

Cheers,

Kim Ingram

UC ANR Forest Stewardship
Academic Coordinator

&

Katie Reidy

UC ANR Post-Fire Academic
Coordinator

Photo credit: Evett Kilmartin, UC ANR.

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**Thank you to our
collaborators:**



EVENT SCHEDULE

Hopland

WELCOME and REGISTRATION ● Rod Shippey Hall 7:45-8:15 AM

Welcome to UC ANR's first California Tree School! Sign in at the front table, grab your personal Tree School packet, and join fellow students for coffee and breakfast.



Photo credit: Grace Dean, UC ANR.

CLASS BLOCK A ● 8:30-10:00 AM

Asking the Birds

Instructor: Kyle Farmer
[Class Description: p.7](#)

Introduction to Forest Soils

Instructor: Erica Lundquist
[Class Description: p.7](#)

Defensible Space and Home Hardening

Instructor: Heather Hill
[Class Description: p.10](#)

Native and Exotic Tree Damagers of Northwest California

Instructor: Chris Lee
[Class Description: p.11](#)

Finding Your Way in the Woods

Instructor: Katie Reidy and Susie Kocher
[Class Description: p.9](#)

~~Sprayer Calibration and Nozzle Selection~~

~~Instructor: Scott Oneto
[Class Description: p.11](#)~~



EVENT SCHEDULE

Hopland

CLASS BLOCK B ● 10:30 AM-12:00 PM

Forest Inventory Tools for Forest Landowners

Instructor: Katie Reidy and Susie Kocher
Class Description: p.9

Oak Woodlands of Northern California

Instructor: Mike Jones
Class Description: p.8

Defensible Space and Home Hardening

Instructor: Yana Valachovic
Class Description: p.10

Sprayer Calibration and Nozzle Selection

Instructor: Scott Oneto
Class Description: p.11

Mycorrhiza in Forests and Woodlands

Instructor: Megan Hynes
Class Description: p.7

The Role of Innovative Biomass and Wood Products in California

Instructor: Cindy Chen
Class Description: p.8

LUNCH ● Rod Shippey Hall 12:00-1:00 PM

Enjoy lunch and don't forget to visit our tabling event located in the Rod Shippey Hall Lobby.

Afternoon sessions will begin promptly at 1:00pm.



Photo credit: Grace Dean, UC ANR.



EVENT SCHEDULE

Hopland

CLASS BLOCK C • 1:00-2:30 PM

Introduction to Avenza

Instructor: Mike Jones

Class Description: p.9

Prescribed Fire 101

Instructor: Susie Kocher

Class Description: p.6

Landowner Panel

Description: p.10

The Power of Observation

Instructor: Katie Reidy

Class Description: p.6

Native and Exotic Tree Damagers of Northwest California

Instructor: Chris Lee

Class Description: p.10

The Role of Innovative Biomass and Wood Products in California

Instructor: Cindy Chen

Class Description: p.8



Photo credit: Evett Kilmartin, UC ANR.



EVENT SCHEDULE

Hopland

CLASS BLOCK D ● 3:00-4:30 PM

An Introduction to Taxation for Forest Landowners

Instructor: Larry Camp
Class Description: p.8

~~Introduction to Avenza~~

~~Instructor: Mike Jones
Class Description: p.9~~

~~Asking the Birds~~

~~Instructor: Kyle Farmer
Class Description: p.7~~

Nature Journaling

Instructor: Heather Hill
Class Description: p.6

Integrating Targeted Grazing into Forest and Rangeland Management

Instructor: Stephanie Larson
Class Description: p.11

The Value of Oak Woodlands as Wildlife Habitat

Instructor: Breanna Martinico
Class Description: p.7



Photo credit: Kim Ingram, UC ANR.



CLASS DESCRIPTIONS

Hopland

FIRE AS A TOOL

Prescribed Fire 101

Class Block C (1:00-2:30 PM)

FIELD CLASS: DRESS FOR THE WEATHER. This course will cover the basics of prescribed fire implementation including fuel types, slope and weather and expose students to the use of hand tools, drip torches, PPE, and firing patterns. We will do a simple live burn demonstration (dependent on weather).

Instructor: Susie Kocher, Extension Forestry Advisor, UC ANR.



Photo credit: Evett Kilmartin, UC ANR.

FOREST EXPLORATION

Nature Journaling

Class Block D (3:00-4:30 PM)

Join a former National and State Park Interpretive Ranger as we observe, journal, and draw the flora and fauna around us.

Instructor: Heather Hill, Forest Stewardship Community Education Specialist, UC ANR.

The Power of Observation

Class Block C (1:00-2:30 PM)

“The more you look the more you see.” Come explore the outdoors using your five senses. Discover how observation can provide you a new perspective on your landscape and how natural resource professionals use observations to aid them in their careers. This class is a hands-on interactive session that will help you focus on the small details around you. Students will be encouraged to draw, journal and engage in discussions with their classmates.

Instructor: Katie Reidy, Post-Fire Academic Coordinator, UC ANR.



CLASS DESCRIPTIONS

Hopland

FOREST LIFE

Asking the Birds

Class Block A (8:30-10:00 AM) & Block D (3:00-4:30 PM)

FIELD CLASS: DRESS FOR THE WEATHER. This in-depth session will use the example of local birds to demonstrate trade-off decision making.

Instructor: Kyle Farmer, Board Member, Peregrine Audubon Society.

Introduction to Forest Soils

Class Block A (8:30-10:00 AM)

This class will show you where to find and understand information on your soils. This content will focus specifically on how soils impact forest composition and tree growth

Instructor: Erica Lundquist, District Conservationist, USDA NRCS.

Mycorrhiza in Forests and Woodlands

Class Block B (10:30 AM-12:00 PM)

Delve into the fascinating world of mycorrhizae and uncover the crucial roles they play in the health and resilience of forested and wooded ecosystems. This class offers a comprehensive exploration of the basics of mycorrhizae, including the different types involved in these ecosystems and their pivotal functions in plant nutrient uptake, drought tolerance, and pathogen protection.

Instructor: Meagan Hynes, Soil and Water Project Manager, Mendocino RCD.

The Value of Oak Woodlands as Wildlife Habitat

Class Block D (3:00-4:30 PM)

This class will discuss oak woodland/savannah and the wildlife that uses these habitats. This class will discuss what land owners and farmers can do to support wildlife in these ecosystems.

Instructor: Breanna Martinico, Extension Human-Wildlife Interactions Advisor, UC ANR.



CLASS DESCRIPTIONS

Hopland

FOREST MANAGEMENT

Oak Woodlands of Northern California

Class Block B (10:30 AM-12:00 PM)

FIELD CLASS: DRESS FOR THE WEATHER. Join us for a walk in the oaks and discussion on these fascinating, dynamic, and complex ecosystems. We will talk about the diversity of oak woodland, the role of disturbance, threats to their health, and how we steward for different goals and objectives. Be prepared to bring water, as we will hike in uneven terrain and through woodlands with a variety of understory plants, including poison oak.

Instructor: Mike Jones, Extension Forestry Advisor, UC ANR.

Innovative Biomass and California Forest Products

Class Block C (1:00-2:30 PM)

California's continuous efforts in reaching its emission reduction goals presents great opportunities for the development of a state-wide bioeconomy. This topic will go over the basics of woody biomass and focus on the current development of biomass-based products and innovative wood products. This class will also demonstrate the benefits, challenges, and opportunities related to these products and how different stakeholders can engage.

Instructor: Cindy Chen, Extension Woody Biomass Advisor, UC ANR

Introduction to Income Taxation for Landowners

Class Block D (3:00-4:30 PM)

The world of taxes for forest landowners can be difficult to navigate. This course is an introduction to tax basics: organization of record and discussion of applicable sections of Federal and State income tax (including cost share payments, casualty losses, and periodic timber sales, and the California Timber Yield Tax).

Instructor: Larry Camp, Landowner and retired IRS Forester.



CLASS DESCRIPTIONS

Hopland

GETTING TO KNOW YOUR FOREST

Finding Your Way in the Woods

Class Block A (8:30-10:00 AM)

FIELD CLASS: DRESS FOR THE WEATHER. Learn how to use a map and compass to orient yourself in a forest, as well as a variety of helpful tips and tricks to survey a forested landscape. Understand the history of forest inventory and why surveying the forest is important for preservation and conservation. This class will be interactive and engaging, as students navigate and put their newly-learned skills to the test in a mini-orienteeering course.

Instructors: Susie Kocher, Extension Forestry Advisor, UC ANR & Katie Reidy, Post-Fire Academic Coordinator, UC ANR.

Forest Inventory Tools for Forest Landowners

Class Block B (10:30 AM-12:00 PM)

FIELD CLASS: DRESS FOR THE WEATHER. Gain an understanding of essential tools that Foresters and other natural resource professionals use, in order to survey, map, and understand the composition of a forested landscape. These tools and skills can help you in your natural resources career or simply understand your private forested lands and better ways to manage it.

Instructors: Susie Kocher, Extension Forestry Advisor, UC ANR & Katie Reidy, Post-Fire Academic Coordinator, UC ANR.

Introduction to Avenza

Class Block C (1:00-2:30 PM)

FIELD CLASS: DRESS FOR THE WEATHER. Gain an understanding of essential tools that Foresters and other natural resource professionals use to survey, map, and understand the composition of a forested landscape. These tools and skills can help you in your natural resources career or simply understand your private forested lands and better ways to manage it.

Instructor: Mike Jones, Extension Forest Advisor, UC ANR.



CLASS DESCRIPTIONS

Hopland

GETTING TO KNOW YOUR FOREST

~~Landowner Panel~~

~~Class Block C (1:00-2:30 PM)~~

~~Join a panel of forest landowners in discussions around their successes in forest management and barriers they have faced as they strive towards stewarding a healthy and resilient forest.~~

INSECTS AND DISEASES

Native and Exotic Damagers of California's Northwest Trees

Class Block A (8:30-10:00 AM) & Class Block C (1:00-2:30 PM)

This class delves into the intricate world of tree damage agents prevalent in the ecosystem of northwestern California. Explore a diverse array of threats including insects, pathogens, and abiotic damage. Gain insight into their characteristics, behavior, and impact on forest ecosystems.

Instructor: Chris Lee, Forest Pathologist, CALFIRE.

MANAGING VEGETATION

Defensible Space and Home Hardening

Class Block A (8:30-10:00 AM) & Class Block B (10:30 AM-12:00 PM)

This course will teach you all you need to know about home hardening so you can reduce fire risk on your forestland. We will explore the different methods of assessing the risk level of your property and the different techniques and tools that can be used for home hardening projects.

Instructors: Heather Hill, Forest Stewardship Community Education Specialist, UC ANR; Yana Valachovic, Forest Advisor, UC ANR.



CLASS DESCRIPTIONS

Hopland

MANAGING VEGETATION

~~Sprayer Calibration and Nozzle Selection~~

~~Class Block A (8:30-10:00 AM) &~~

~~Class Block B (10:30 AM-12:00 PM)~~

~~FIELD CLASS: DRESS FOR THE WEATHER.~~ In this course, participants will learn how to properly calibrate a backpack sprayer. Proper calibration ensures that the correct amount of pesticide is being applied and that the application is following the label. The session will also show how to choose the best application method for applying herbicides and choosing the best nozzle.

~~Instructor: Scott Oneto, Extension Farm Advisor, UC ANR.~~

Integrating Targeting Grazing into Forest and Rangeland Management

Class Block D (3:00-4:30 PM)

FIELD CLASS: DRESS FOR THE WEATHER. Grazing is a tool to manage vegetation for fuel mitigation, biodiversity, and system health. Learn how to implement grazing into forest and rangelands for long-term resiliency. Participants will learn how to set resource goals, apply appropriate species, timing and intensity of grazing, applying other management strategies with grazing, infrastructure needs, and how to measure impacts.

Instructor: Stephanie Larson, Extension Livestock and Range Advisor, UC ANR.

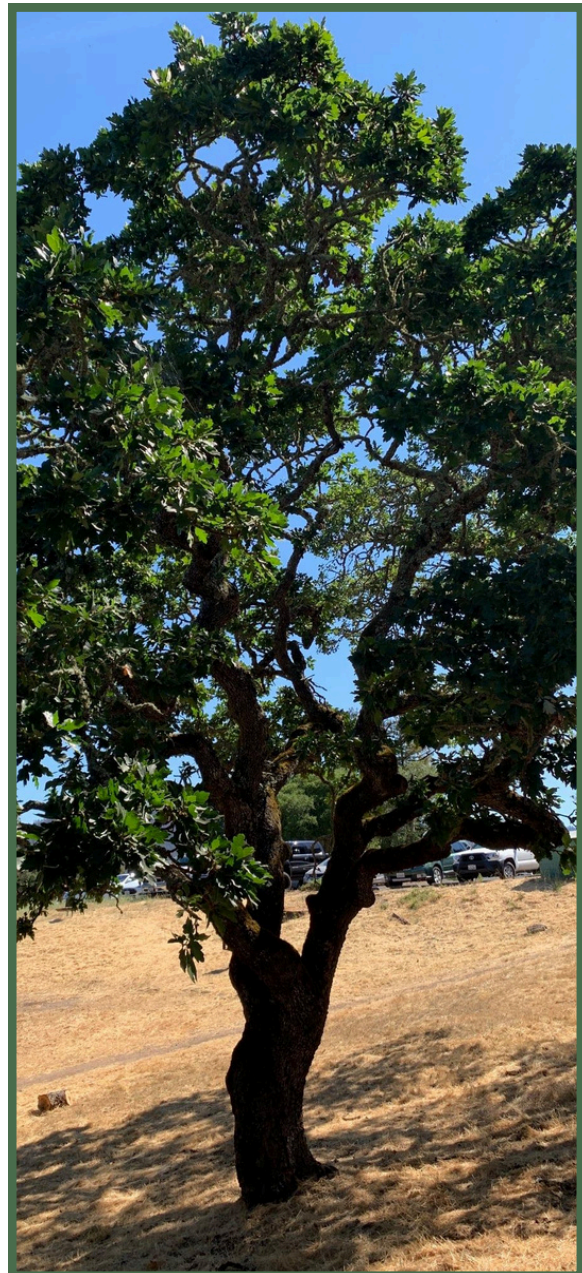


Photo credit: Kim Ingram, UC ANR.



REGISTRATION INFORMATION

Hopland

How to Register

1. Visit [the registration page](#) or scan the QR code to the right.
2. Select which classes you would like to attend.
3. Registration is \$70. Card payments only. Need-based scholarships available by request.



FAQs

What does my registration fee include?

Registration fee covers class materials (unless otherwise noted in class description), parking, lunch, and coffee breaks.

When does the registration form close?

The registration form will close on April 28th at 5PM. Remember to register early! Classes may fill up before the registration deadline.

Should I register for both Tree School locations?

Registration is currently open for Hopland location only. El Dorado Tree School will offer similar classes.

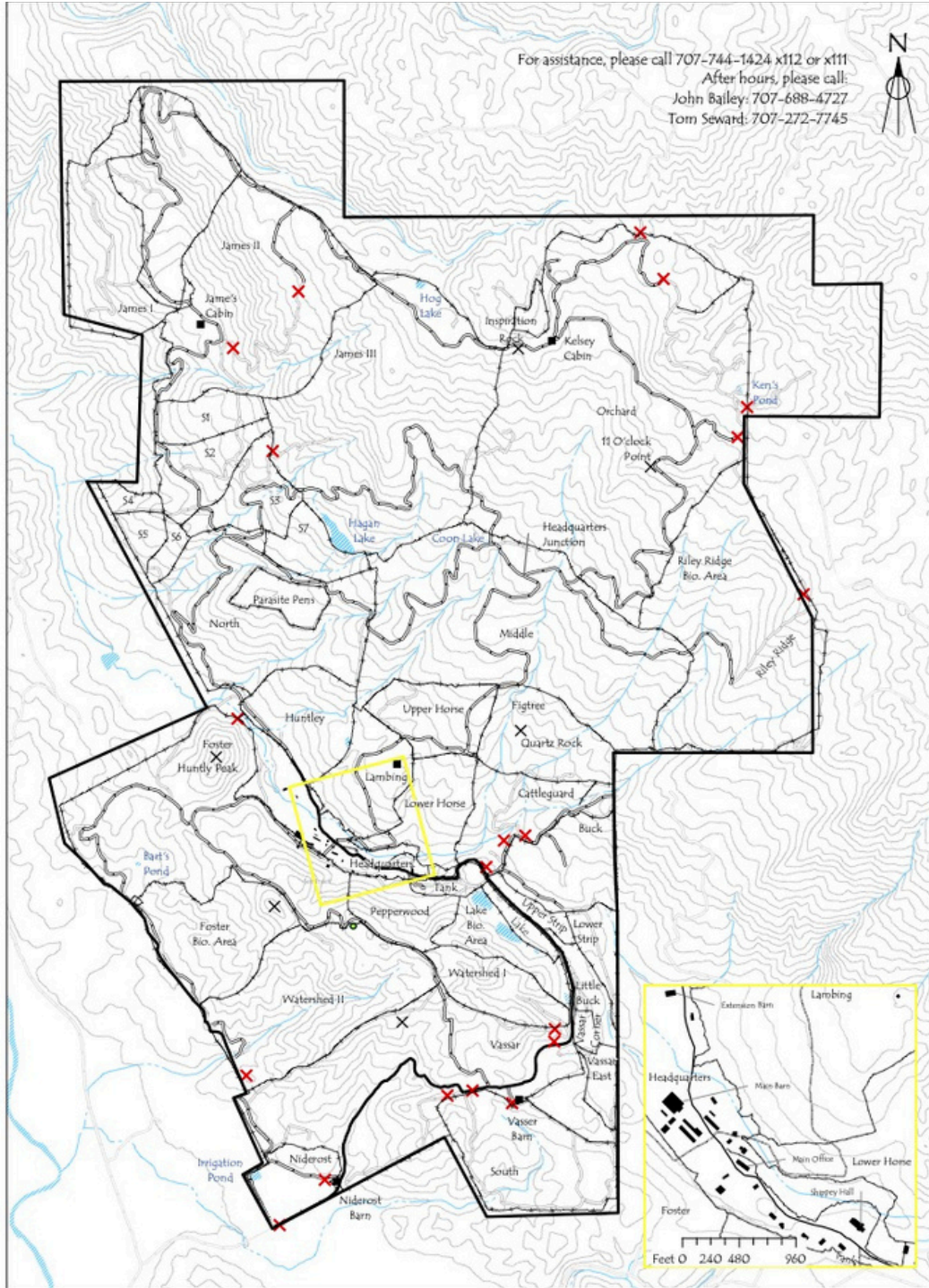
How do I obtain a need-based scholarship?

Email Kim Ingram, Forest Stewardship Academic Coordinator at kcingram@ucanr.edu.



FACILITY MAP

Hopland



- Center Boundary
- Paved
- Gates Closures
- Cell Towers Site
- All-Season
- Summits
- Buildings
- Seasonal
- Waterbodies
- Pastures
- Homesteads and Barns
- Streams

ALL VEHICLES MUST REMAIN ON ROADS!!

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