

2026 GIS for Forestry & Natural Resource Management

A GIS introduction for professionals

March 23-24, 2026

Sierra College, Room V-318
5100 Sierra College Blvd
Rocklin, CA 95677

UCCE is offering an introductory GIS refresher for forestry and natural resource professionals. This two-day technical workshop will include topics on cartography, data management, ArcGIS Online (AGOL), and explore participant driven topics. In addition to hands-on exercises, the workshop will include an open workshop period on the second afternoon. Participants are encouraged to bring their own data and hardware to work on personal projects with UC experts. The workshop will begin at 8:30 am on both days with presentations in the morning and hands-on exercises in the afternoon. Exercises are based on forest and natural resources management applications.

This workshop is co-hosted by Sierra College, the California Association of Resource Conservation Districts, UCANR Cooperative Extension (UCCE), UC Informatics and GIS Program (IGIS) and is supported by the Renewable Resources Extension Act Capacity funding.

Due to limited space, we require advance registration. The cost for this course is \$60 and includes lunch and light refreshments.

- Purpose:** Guided training to learn about managing and editing data, best practices in cartography, and spatial analysis. Lectures and demonstrations are geared towards forest and natural resource management applications.
- Who:** Beginner ArcGIS PRO users interested in better utilization of GIS.
- What to bring:** Computers are provided, but space is limited. **If you have a laptop with ArcGIS already loaded, participants are encouraged to bring personal laptops and data to work on during open sessions for specific assistance.**



2026 Forestry GIS Workshop - Sierra College DRAFT

Day 1 - GIS Refresher & ArcGIS Pro

- 8:30 am** Welcome and Opening Remarks
Ricky Satomi, UCCE Forest Advisor
- 9:00 am** Fundamentals of GIS
Andy Lyons, UCCE IGIS Program
- 10:00 am** Break
- 10:15 am** Field Collection and Sharing with Avenza
Ricky Satomi, UCCE Forestry Advisor
- Noon** Lunch
- 1:00 pm** GIS in Action -Forest Planning Tools
- 2:00 pm** Getting Started with ArcGIS PRO
Andy Lyons, UCCE IGIS Program
- 3:00 pm** Open Session and Self-Paced Exercises
Work on your data/apps/hardware with local experts
- 4:30 pm** What is GIS?
Andy Lyons, UCCE IGIS Program

Day 2 : GIS Refresher - Continued

- 8:30 am** Exploring Software Alternatives
Ricky Satomi, UCCE Forestry Advisor
- 9:30 am** Cartography and Design Standards
Sean Hogan, UCCE IGIS
- 11:00 am** Intro to Field Maps
UCCE IGIS
- Noon** Lunch
- 1:00 pm** Organizational Administration and Spatial Data Management
UCCE IGIS
- 2:00 pm** Open Session and Self-Paced Exercises
Work on your data/apps/hardware with local experts.

Forestry Datasets: <https://bit.ly/forestGISdata>

Exercises: <https://bit.ly/forest-gis-exercises>