

2024 GIS for Forest & Natural Resource Mgmt. Workshop

An Intermediate GIS refresher for professionals

January 10-11, 2024

Feather River College, Main 201 Computer Lab
570 Golden Eagle Ave, Quincy, CA 95971

UC ANR Cooperative Extension is offering an intermediate GIS refresher for forestry and natural resource management professionals. This course is designed for professionals who are already using the ESRI ArcGIS Pro environment for project level work but want an intermediate level refresher to update your skills.

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 9:00 am on both days with presentations in the morning and hands-on exercises in the afternoon. Previous experience with GIS is required. Exercises are based on forest and natural resources management applications.

This workshop is co-hosted by Feather River College, UC ANR Cooperative Extension (UCCE), and the UC Informatics and GIS Program (IGIS) and is supported by the Renewable Resources Extension Act Capacity funding. The workshop will be held at Feather River College in Quincy, CA on January 10-11th, 2024. Due to limited space, we are requiring advance registration. The cost for this course is \$40 and includes lunch and light refreshments. Please register ahead of time at ucanr.edu/ForestGIS or call the Plumas-Sierra UC Cooperative Extension Office at (530) 283-6270.

- Purpose:** Intermediate level GIS training including: managing and editing data, best practices in cartography, and spatial analysis. Previous experience with GIS is required. Lectures and demonstrations are geared towards forest and natural resource management applications.
- Who:** Intermediate 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.***

(Agenda on the following page)

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Day 1 – ArcGIS Pro Refresher & Data Management

- 9:00** **Welcome and Opening Remarks**
Ricky Satomi & Ryan Tompkins, Forest Advisors, UC Cooperative Extension
- 9:15-10:30** **Managing Spatial Data and ArcGIS Pro Intermediate Orientation**
Sean Hogan, UC Cooperative Extension IGIS Program
- 10:30-12:00** **ArcGIS Online and Integration between ArcGIS Pro**
Andy Lyons, UC Cooperative Extension IGIS Program
- 12:00-13:00** **LUNCH (Provided)**
- 13:00-13:30** **Sierra Nevada Region Resource Kits (ACCEL Data) & other Landscape Data Sources**
Ricky Satomi & Ryan Tompkins, Forest Advisors, UC Cooperative Extension
- 13:30-14:30** **Working with Raster Datasets**
Sean Hogan and Andy Lyons, UC Cooperative Extension IGIS Program
- 14:30-17:00** **Hands-on Open Session** – Work on your data/apps/hardware with UC experts

Day 2 : Collecting and Mapping Data in ArcGIS

- 8:30** **Coffee and Pastries**
- 9:00-10:00** **Data Collection**
Sean Hogan, UC Cooperative Extension IGIS Program
- 10:00-11:00** **Cartography Practice: Data Editing & Display**
Andy Lyons, UC Cooperative Extension IGIS Program
- 11:00-12:00** **Hands-on Open Session**
- 12:00-13:00** **LUNCH (Provided)**

Andy Lyons & Sean Hogan, UC Cooperative Extension IGIS Program
- 1:00 -15:00** **Data Collaboration Across Organizations & Open Sessions**
TBD, UC Cooperative Extension

15:00 End early for those who have to travel.