

Day 1: Intro to GIS Refresh: Friday, March 23

Room 1316 - Geography / GIS Lab, Shasta College, Redding, CA

- 8:00** **Coffee and Snacks**
- 9:00** **Welcome and Opening Remarks**
Ricky Satomi, Forest Advisor, UC Cooperative Extension
- 9:15** **What is GIS/GPS?**
Sean Hogan, Informatics and GIS, UC Cooperative Extension
Evolution of GPS to current technology, Available GIS platforms
- 10:00** **GIS 101**
Dan Scollon, GIS/Geography, Shasta College
Understanding Projections, locating basemap layers, and types of spatial data
- 11:00** **BREAK**
- 11:15** **GIS Opportunities in Forestry**
Panel: W.M.Beaty and Associates, Matt Brooks, GIS Developer
SPI, Glen Rouse, Inventory Forester
FRST Corp, Christian Eggleton, GIS Forester
- Noon** **LUNCH** – Provided
- 1:00** **Introduction to Spatial Data Management - Architecture, Data Organization, etc.**
Sean Hogan, Informatics and GIS, UC Cooperative Extension
- 1:40 - 5:00** **Practical Exercise: Getting Started - Making Maps 101**
Sean Hogan, Informatics and GIS, UC Cooperative Extension

Day 2: Data Collection and Management: Saturday, March 24

- 8:00** **Coffee and Snacks**
- 9:00** **Data Collection Tool Overview**
Sean Hogan, Informatics and GIS, UC Cooperative Extension
Intro to Survey123
- 9:45** **Practical Exercise: Building Tools**
Sean Hogan, Informatics and GIS, UC Cooperative Extension
Building an ArcCollector App
- Noon** **Drone flight and Conclusion**
Andy Lyons, Informatics and GIS, UC Cooperative Extension
- 1:00 - 5:00** **Open Session:** Bring your own gear to work on with Univ. California/Shasta College experts