



Cal-IPC
California Invasive Plant Council

Wildland Weed Mapping Field Course

September 19, 2007
Mission Trails Regional Park

8:30 – 9:00 a.m. – Registration

9:00 – 9:30 a.m. - Introduction

- Goals of your mapping project: treatment, planning, impact analysis, rate of spread
- How to map specific species

9:30 – 12:00 p.m. – Field Data Collection Devices

Rotate: 3 stations, 45 minutes each (outdoors)

- Low tech point data collection (e.g. Garmin)
- Trimble Geoexplore and PDAs
- Tablet PC with GPS

12:00 – 1:00 p.m. – Lunch (provided)

1:00 – 1:30 p.m. – Q&A – Data Collection Methods

- Panel: all instructors

1:30 – 2:30 p.m. Data Processing

- Different data formats
- Retrieving data from collection devices
- Pros and cons for each processing method

2:30 – 2:45 p.m. – Break

2:45 - 3:45 p.m. Data Analysis and Presentation

- Software for viewing data
- Acquiring existing baseline data (e.g. hydrology, roads, aerial, elevation, sensitive species)
- Making a map
- Calculations and basic analysis
- Discussion of imagery and projections

3:45 – 4:15 p.m. – Q&A Data Processing, Analysis and Presentation

- Panel: All instructors

4:15 – 4:45 p.m. – Closing panel: all instructors

- Pros and cons, cost analysis for each method

4:45 – 5:00 – Course evaluations and certificates of completion