

Monitoring Landscape Change Workgroup

April 1, 2002
5:00 – 7:00 pm
Red Lion Inn
Sacramento, CA

Agenda and Notes

Welcome

Attendance: Edie Allen (NR CE Specialist, UCR), Sabrina Drill (LA County), Karl McArthur (Imperial, Riverside, San Beradino Co.s Desert Natural Resources Advisor), Lisa Thompson (CE Specialist: Anadromous & Inland Fisheries), Carl Bell (Farm Advisor, San Diego Co.), Maggi Kelly (NR Specialist, UCB), Marc Horney (Glen, Colusa, Tehema Co. Range Advisor).

Geospatial Survey Results

The Workgroup created and distributed a questionnaire to all County CE offices. The survey asked questions about CE offices' need and ability to use Geospatial technologies. We have received responses from 19 counties. Some highlighted results include:

- 84% of respondents feel that geospatial technologies would be beneficial to their current projects;
- 50% of respondents describe having no GIS capability, while 56% have GPS capability;
- of the CE staff using GIS, most are using it to assist in mapping research plots;
- GPS use in CE offices is very broad, and includes water quality monitoring, weed infestation monitoring, soil fertility data, and pest outbreaks among others.

All results can be found on the MLC website.

Discuss proposed projects for FY 2002-2003

- Coordinate with Oak WG
 - o Marc Horney will coordinate with Oak Woodland Conservation WG to cross list a project that has overlap with the MLC.

Prioritize top two projects for DANR funding

- We have funding through 2003 for one project, so we are not sure we will be submitting another one.

Plan for other activities for this year

- Remote sensing / GIS workshop in Sacramento Valley
- Field training day at SFRS
- For next year's funding cycle (2003) we will develop the following projects with members:
 - o 1. Workshop to describe N deposition problem in Riverside (and other areas) and have a section that describes monitoring efforts (i.e. remote sensing). Suggested by Edie Allen.
 - o 2. Urbanization patterns in highly urbanized area: LA County. Urbanization influences impervious surface runoff, and interactions between citizens and parklands. Sabrina Drill is working with local agencies to acquire data that can be used to analyze these patterns.

Discuss plans for next year's meeting

- Next year's meeting should be larger, and with many more examples of projects.
- Plan to coordinate with Kris Lynn and GIS and Extension workshops.

Other new business