

# 2008

## USU INVASIVE WEED MAPPING BASIC TRAINING



A workshop on wildland weed inventory and mapping techniques will be conducted by Utah State University on May 19-22 in Boulder, CO. Practical field methods suited to a wide range of mapping objectives, field conditions, and GPS equipment types will be taught in both field and classroom settings.

The workshop is designed for small groups (20 maximum) allowing trainees plenty of hands-on experience and close interaction with instructors. Training is personalized to individual interests, objectives, and resources.

### **Training topics will include:**

- Establishing weed mapping objectives
- Matching field methods to project objectives
- NAWMA and other mapping standards
- Data categories and data dictionaries
- Use of point, line, and polygon mapping methods
- Basic GPS principles and operation
- Orienteering and map-reading fundamentals
- Defining the search target (area, species, size)
- Detection resolution, margins of error
- Effective search patterns and coverage
- Estimating patch size and canopy cover
- Documenting non-infested areas
- Quality assurance and record keeping
- Field hazards and safety procedures

Registration for the 4-day workshop is \$300 per person, which includes the cost of all instructional materials. Attendees will be responsible for their own meals and lodging expenses. Attendees are encouraged (not required) to bring their own GPS unit. Instructors will be using Trimble GeoExplorer III, Geo-XM, and Geo-XT GPS units. However, the principles and techniques taught during the workshop will be applicable to a wide variety of other GPS makes and models. Attendees should be familiar with the basic operation of any GPS unit they choose to bring.

### **For More Information, Contact:**

Steve Dewey	steved@ext.usu.edu	435-797-2256
Kim Andersen	kandersen@cc.usu.edu	435-797-2637