

## OziExplorer GPS Mapping Software

This one-day course introduces the participant to the use of recreation-grade GPS (Global Positioning Systems) and OziExplorer GPS Mapping Software. This course is targeted towards individuals requiring low-cost solutions to point sampling activities.

OziExplorer GPS Mapping Software can be considered as “enabling” software for GPS units. Upload/download data, use geo-referenced maps, and export position data to reports and to your mapping department. OziExplorer, combined with GPS units, is a very cost effective solution to gathering, or to navigate to, position points. OziExplorer uses raster-based mapping and costs less than \$120.

OziExplorer Topics covered:

- Introduction to OziExplorer Software and the purpose of the software (navigation, managing point data, import and export data, etc.). Introduction to Help files.
- Review available images and maps; discuss other available map products (maps, orthophotos, satellite images, etc).
- Exercise in calibrating a new map image. Discuss map datum, projections, units, and scale.
- Exercise in uploading data to the GPS units; outdoor exercise to “test” data, collect new point data and download data to OziExplorer for visual representation.
- Using OziExplorer for distance calculations, area calculations, track control and profiles, etc.
- Discuss Exporting and Importing point and track data.
- Discuss Printing maps and waypoint lists.
- Names Database demonstration.
- Demonstrate OziExplorer 3D tool and utilities.
- Closing discussion regarding future uses of GPS and OziExplorer GPS Mapping Software.

Participants are encouraged to bring their own GPS unit (and data cable). Otherwise, a GPS unit will be provided for use during the course.

Who should attend?

Individuals requiring enhanced navigation or point sampling tools. Natural resource managers, technicians, and surveyors will benefit from this course.

Instructor: **Mark Sunstrum, RPF, Sunfor Consulting Inc.**

Mark has 17 years of operational forestry experience. He has used GPS and OziExplorer for the past 7 years for navigation, positioning and tracking.

Date: **Thursday, June 3<sup>rd</sup>, 2005**

Cost: \$150.00

Location UNBC GIS Lab

**To Register contact:**

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