

GPS Workshop
 Saturday June 12, 2010
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 Middlebury College, Bicentennial Hall 317

| Time | Topic |
|---------------|---|
| 10:00 - 10:15 | Welcome, Introductions, Overview of the day |
| 10:15 - 10:30 | GPS fundamentals: how does it work?; how can we use it? |
| 10:30 - 11:15 | Map Fundamentals: projections and coordinate systems, geodesy |
| 11:15 - 12:30 | Basic familiarity with receivers and their functions: setting map coordinate systems, entering waypoints, saving waypoints, setting up and using tracks. (indoors/outdoors) |
| 12:30 - 1:00 | Lunch break: outside with receivers. |
| 1:00 - 1:30 | GPS hands-on field exercises. The exercises will illustrate aspects of the receiver's strengths and limitations. |
| 1:30 - 2:45 | Exploring digital mapping: software options and internet resources, pre-field maps and planning, converting coordinates to digital map layers, adding other map information. Exporting GPS data. What is a GIS? (Indoors) |
| 2:45 - 3:30 | Discussion and wrap up: implications for general field use: accuracy, reliability, tips/tricks (indoors) |

Coffee, tea and light refreshments will be provided. Please bring a bag lunch.

Remember to bring your GPS if you have one, and don't forget the USB cord for connecting your GPS to the computer. We will use the lab computers. You can bring your own computer if you prefer, but there may not be time to install the needed software.

Some handouts will be provided, but bring a note page and pencil or pen.

Please be prompt. The schedule is tight and I'd like to end by 3:30 at the latest.