

Introduction to GPS For Stormwater Managers

Workshop #1 of the Summer 2006 Series: GPS, Digital Cameras, and Mapping: Finding the Link



Weaver Auditorium,
URI Coastal Institute
1 Greenhouse Road, Kingston, RI

Thursday, June 15, 2006
1:00 – 4:00 PM

AGENDA

- 1:00 **Welcome**
Greg Bonyng, URI Geospatial Extension Program
- 1:10 **What municipal stormwater managers need to know – Phase II update**
Margarita Chatterton, RI Department of Environmental Management
- Brief update of Phase II requirements for storm drain mapping and illicit discharge detection and elimination
- 1:30 **GPS basics for storm drain mapping**
Paul Jordan, RI Department of Environmental Management
- Introduction to GPS basics, including how global positioning systems work, types of units available, accuracy issues, and typical costs
- 2:30 **Break**
- 2:45 **Collecting and reporting GPS data – Field walk and demonstration**
Paul Jordan, RI Department of Environmental Management
- As a group, we will take a short walk outside the Coastal Institute to observe how storm drain features are located and their condition is verified using a GPS unit in combination with a digital camera. After collecting a few data points, we will return indoors for a demonstration of how to import the data, hyperlink photos, and enter results into a spreadsheet for your own record keeping and reporting to DEM. Low-cost RoboGeo software will be used to photolink GPS data. **Please dress for the weather!**
- 4:00 **Wrap up and Adjourn**