

# THE 2005 WASHINGTON GIS CONFERENCE: BUILDING COMMUNITIES

## Pre-Conference Workshops

**Tukwila Embassy Suites: May 9, 2005, 8:30 am – 4:30 pm**

Each pre-conference workshop is half day. Your paid Workshop admission is a day pass, which allows you to attend any workshop session throughout the day. For up to date workshop and conference information, schedule, and an on-line registration form, see: [www.Waurisa.org](http://www.Waurisa.org).

---

### **Title: Working With Labels and Annotation**

Presenter: Jeff Barrette, ESRI

Time: 8:30 am – 12 pm

ArcGIS 9 provides a completely new labeling toolbar, enabling you to configure many layers of label properties simultaneously. Annotation editing is also made easier with a specially designed toolbar featuring new tools and shortcuts to help streamline the annotation editing process. New geoprocessing tools are available for converting annotation into the geodatabase. Learn the concepts you need to know to make your GIS more accurate, more accessible, and more successful.

---

### **Title: Mobile GIS and Field Data Collection.**

Presenter: Mike Dana, M Dana Resource Management

Time: 8:30 am – 12 pm

This session will provide background on how and why an organization would integrate GPS technology into an existing or developing GIS program. This presentation will juxtapose the ESRI geodatabase implementation against the data dictionary concept typically advanced by the GPS vendors. This comparison will define the differences between a Mobile GIS and the more simplified use of GPS as a data collection tool. A combination of Mobile GIS and data collection as facilitated by ArcGIS office software and ArcPAD field software will be shown in a field session. Given time, this field session will also show the use of Trimble TerraSync and Pathfinder Office software. Data processing will be used to highlight the workflow involved to integrate field components back into the desktop/enterprise GIS.

---

### **Title: Integrating CAD and GIS Data**

Presenter: Autodesk

Time: 8:30 am – 12 pm

Do you work for a county, municipality, or engineering firm that has both ESRI ArcGIS and AutoCAD? If you do, you're in the majority. Autodesk civil engineering design and drafting solutions are used by over 90 percent of the engineers for site, utility, and road design. When the engineering project is constructed, the as-built data is typically translated to ArcGIS. However, when the engineering design team needs to do a re-design or extend a design they need to extract data from ArcGIS and integrate with other geospatial data back into the AutoCAD design environment.

Autodesk Map 2006 is a great solution to round trip your data from ArcGIS back to the engineering design environment -- both spatial and attribute data. One of the new features of Autodesk Map 2006 is the ability to read / write directly from ArcSDE. In addition, with third party products

## 2005 Washington GIS Conference Pre Conference Workshops

Autodesk Map can directly read / write to an ESRI personal geodatabase. Attend this workshop to learn more.

---

### **Title: Presenting and Publishing Your GIS Data**

Presenter: Angela Goodwin, CH2M HILL and Chris Hansen, TerraLogic GIS

Time: 1 pm – 4:30 pm

As GIS gains in popularity, we need to understand cartographic design principles that will help create maps that are effective for portraying our message. In this workshop, we will discuss key design issues and teach practical guidelines for creating maps that are well-suited to their display medium and that speak effectively to their audience. Specialized software and tools to aid in map production will also be demonstrated. In addition, we will discuss how to distribute your GIS data through a variety of means, including web deployment, desktop mapping applications, and hard copy map production. The workshop will also cover map book and map series production using custom tools in ArcGIS.

---

### **Title: What's new at ArcGIS 9.1 and Network Analyst**

Presenter: John Sharrard, ESRI

Time: 1 pm – 4:30 pm

ArcGIS 9.1 is a full release of ArcGIS Desktop (ArcReader, ArcView, ArcEditor, and ArcInfo), ArcGIS Engine, ArcGIS Server, ArcIMS, and ArcSDE. ArcGIS 9.1 includes a lot of work in improving the quality of ArcGIS; this includes many critical bug fixes as well as many common user interface improvements. This presentation will highlight those new features and improvements to be found in the core ArcGIS desktop as well as the completely redesigned Network Analyst extension. The presentation will also address software migration issues and backward compatibility of map documents, extension licensing changes, new additions to the Maps and Data collections, and additional OGC data services support.

---

### **Title: Introduction to Digital Imagery and Remote Sensing: What You Can Do With It**

Presenter: Space Imaging

This workshop has been canceled.

---