



26th Annual New York State Geographic Information Systems Conference Saratoga Springs, NY

Sunday, October 24, 2010

Time: 12:00 pm – 4:00 pm

Room: Alabama

Pre-Conference Educator's Workshop: Using GIS in the Classroom *Hands-on Learning*

Instructor: Amy Work, GIS Analyst and Education Coordinator, Institute for the Application of Geospatial Technology (IAGT)

Aim: To provide K-12 educators with an introduction to the use of geospatial technologies in traditional and non-traditional classroom settings. Provide you with hands-on experience with lessons currently being used in classroom environments.

Learning objectives:

By the end of the workshop, you will:

- Gain an basic understanding of GIS for educational purposes;
- See GIS lessons as a valuable supplement to existing content;
- Understand how other educators in NY are using GIS in their classrooms; and
- Know where to locate additional GIS in Education resources and training opportunities;

Course outline:

- The Basics of GIS and Using GIS in Education;
- 1st hand teacher experiences with GIS in the classroom;
- Hands-on activities using GIS lessons; and
- Resources for GIS in Education opportunities;

Who the course is intended for:

If you are a K-12 educator who is interested in integrating GIS into your classroom, you should register for this workshop. No previous experience with GIS is necessary.

Software and Equipment: ESRI ArcGIS 9.3, ArcGIS Explorer. We recommend using the computers provided for use during this workshop. You may bring your own laptop, but you should have administrative rights on the machine. Bring a USB to take digital materials with you.

Teaching time: 4 hours consisting of a combination of computer based **hands-on exercises** and discussion.