




**GIS--
Essential for
the Modern World**

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ESF Outreach
SUNY Environmental Science & Forestry
Syracuse, New York 13210-2784



ESF OUTREACH
SUNY College of Environmental Science & Forestry

NYS GIS 2003

19th Annual Conference
October 1 - 2, 2003
Holiday Inn--Turf
Albany, New York

Sponsors

**Central NY Region of the
American Society for Photogrammetry and Remote Sensing**

**State University of New York
College of Environmental Science and Forestry
New York Statewide GIS Coordination Program**

Program and Registration

19th Annual NYS GIS Conference

GIS CAN HELP AGENCIES, COMPANIES, AND NGO'S meet the challenges facing society in a time of increased demands but diminished resources.

Meet fellow New Yorkers active in the GIS field, exchange information and experiences, and seek solutions to your geographic data management needs. Technical presentations feature working professionals who share their GIS experiences and solutions in dealing with real world problems like yours. In the exhibit area, GIS vendors and consultants display the latest in GIS hardware, software, analytical techniques, and services.

Preliminary Program

See the conference web site for full details and abstracts.

WEDNESDAY, OCTOBER 1

8:00 AM REGISTRATION OPENS

9:00 AM CONCURRENT PRESENTATIONS 1

1A. Imagery and Remote Sensing: Applications and Resources:

Tidal Wetland Analysis; Build-Out Modeling; NYS Digital Orthoimagery.

1B. Organizational Initiatives for NYS GIS and Beyond:

NYS GIS/LIS Association; The NYS Land Use/Land Cover Working Group; The Geospatial One-Stop.

1C. Workshop: Automated Vehicle Locator (AVL) Technology

1D. NYS GIS Coordination Program Standards and Data Workgroup

Ask the Expert Sessions: Transitioning to Arc8. ESRI Tips & Tricks.

9:30 AM GEOCACHING HANDS-ON ACTIVITY

(limited to 15 people—advance sign-up required)

10:00 AM — NOON TOURS

(space limited and advance sign-up required. Meet at location.)

(1) SEMO Emergency Operations Center

(2) MapInfo: The MapInfo GIS Software Development Process

10:15 Break / Exhibits Open

10:45 AM CONCURRENT SESSIONS 2

2A. Visualization and GIS: Developing a Water Quality Model for FERC Re-Licensing Stakeholder Presentations; Interpreting Geospatially-oriented Data in a Web-based Interactive 3D Environment: A Watershed Example;

GIS and 3D Simulation: Creating Real-Time Evolving Databases.

2B. Web-Based GIS (I): ArcIMS; New York City Housing and Neighborhood Information System; Town of Onondaga Internet GIS.

2C. Workshop: GPS for GIS – Is this Surveying?

2D. NYS GIS Coordination Program Land Use/Land Cover Workgroup

Ask the Expert Sessions: Orthoimagery. Geocoding.

Noon Lunch (separate fee)

1:00 PM CONFERENCE PLENARY SESSION AND WELCOME

Keynote Presentation:

Cartographies of Surveillance. Mark Monmonier, Syracuse University.

19th Annual New York State Geographic Information Systems Conference

Plenary Presentation:

The GIS State of the State. Bruce Oswald, NYS Office of Cyber Security & Critical Infrastructure Coordination (NYS CSCIC)

3:30 CONCURRENT SESSIONS 3

3A. Public Safety and Homeland Security: GIS and Border Integrity; GIS and NYS Emergency Preparedness and Response; Using G.I.S. for Local Level Public Safety; Genesee County's GIS Initiatives for Homeland Security and Emergency Response.

3B. Enterprise GIS: Genesee County Municipal GIS Business Plans; Building the Osyster Bay Enterprise GIS; Innovative GIS at the New York City GIS Utility; Implementing GIS in a Clustered Server Environment.

3C. Workshop: GIS for GASB 34

3D. Workshop: GIS Funding Opportunities for Local Government.

Ask the Expert Sessions: ArcObject-VB, VBA. GPS Do's and Don'ts.

5:15 PM Reception—Exhibit Area

6:30 PM Buses to Captain JP dinner cruise on the Hudson (added fee)

THURSDAY, OCTOBER 2.

7:00 AM CONTINENTAL BREAKFAST

8:00 AM CONCURRENT SESSIONS 4

4A. NYS GIS Conference Futures (tentative)

4B. Inventory and Data Collection Approaches: NYS DOT Rock Slope Inventory; Photogrammetry, Mobile Mapping, and Infrastructure; Mobile Data Collection and Mapping Systems for Environmental Compliance.

4C. Workshop: Geodetic Datums: What they are and why you should care.

4D. GIS in Education: Fulton-Montgomery Community College's Spatial Information Technology Center; Exploring the North Cascades with GPS.

Ask the Expert Sessions: Web Applications and ArcIMS. MapInfo Tips and Tricks.

9:15 BREAK

9:45 CONCURRENT SESSIONS 5

5A. Geodatabases: Migrating Parcels to a Geodatabase; Tax Parcel Geodatabase Model for NYS; GIS Database for Environmental Modeling.

5B. Web-Based GIS (II): CUGIR Web Mapping Interoperability; Web Services; Web Mapping/Database Implementation for Illinois DOT.

5C. Workshop: Map Design

Ask the Expert: Printing and Plotting. Land Use/Land Cover.

11:00 MINI-BREAK

11:15 CONCURRENT SESSIONS 6

6A. Vendor Session: ESRI Software Update; General Code--Accessing Documents from Your GIS; What's New with MapInfo Products.

6B. Data Sharing: Lake Ontario-St. Lawrence River Framework Data Project; Land Information Ontario; The Pennsylvania Spatial Data Clearinghouse.

6C. Workshop: Analytical Cartography: Distortions and Projections.

Ask the Expert: Map Design Tips. GIS and Census Information.

12:30 Lunch (separate fee)

1:45 PM CONCURRENT SESSIONS 7

7A. GIS and Transportation: Analyzing Enterprise Bridge and Highway Data; Town of Marlborough Pavement Management System; Otsego County Traffic Accident Mapping; the NYS Accident Location Information System (ALIS) Project.

7B. Demographics, Social Science, and GIS: Map New York; Enclaves of Contrary Voting Patterns in Presidential Elections; Positional Error in Geocoding; Spatial Interpolation of Sewer Network-Load and Population Change.

7C. Application Development and Infrastructure: Customizing ArcGIS with ArcObjects; Customizing ArcGIS for a Public Works Inventory; Erie County Water Authority GIS.

Ask the Expert: Datums and Projections. GIS Data in Relational Databases (ORACLE, SDE).

Fourth Annual GIS Partnership Award

The New York State GIS Coordination Program again sponsors the Fourth Annual GIS Partnership Award, open to new or continuing partnerships which haven't previously won the award. Complete information including application forms may be found at: <http://www.nysgis.state.ny.us/datcoord/partners.htm>.

Exhibits

Exhibit booths are available to GIS software and hardware vendors, consulting firms, agencies, and nonprofit organizations. For more information, contact Maureen Wakefield at (315) 470-6891 or mwakefield@esf.edu.

Conference Location: All sessions will be held at the Holiday Inn--Turf, Wolf Road, Albany, New York.

Lodging: We have reserved a block of rooms at the Holiday Inn--Turf for Tuesday night, September 30, and Wednesday night, October 1. Reservations may be made by phone at 866-601-9330 or 518-458-7250. Please specify that you will be attending the NYS Geographic Information Systems Conference to receive the conference rate. The standard conference room rate is \$112 per room per night. The cutoff date for assured reservations is September 9, 2003.

To Register: Please preregister! Simply fill out and mail the registration form with your registration fee. Or fax to (315) 470-6890.

Registration Fees: Registrations and payment (purchase orders qualify) must be received by September 19, 2003 to qualify for the early discount of \$65. After September 19, 2003, the full fee is \$105.

All fees are payable to *payable to SUNY Research Foundation*. Registration fee includes sessions, breaks, reception on 10/1, continental breakfast on 10/2.

Lunch tickets for Wednesday, October 1, and Thursday, October 2, are additional at \$15 each.

Dinner cruise tickets for Wednesday evening, October 1, are additional @ \$28 per person, including bus transportation from the Holiday Inn to the boat.

Refunds: Participants who wish to withdraw must give written notice by September 19, 2003 to receive a full refund. After that date a \$25 cancellation fee will be charged. Substitutions are permissible at any time.

Registration Form

19th NYS Geographic Information Systems Conference

October 1-2, 2003

Albany, New York

Name _____

Organization _____

Address _____

City _____ State _____ Zip _____

Phone (____) _____ Fax (____) _____

email _____

Special needs: _____

Register me for the 19th NYS GIS Conference.

Enclosed is my conference fee:

\$105 after September 19 \$65 by September 19 _____

___ Lunch ticket(s), Wednesday, October 1, @ \$15: _____

___ Lunch ticket(s), Thursday, October 2, @ \$15: _____

___ Dinner cruise ticket(s), Wednesday, October 1, @ \$28: _____

Total, payable to SUNY Research Foundation: _____

Credit card information: VISA MasterCard Exp. Date: _____

Account Number: _____

Signature: _____

Sign me up for:

SEMO tour MapInfo tour Geocaching Hands-On

I am interested in the following conference workshop(s): _____

Mail form to: ESF Continuing Education
SUNY College of Environmental Science & Forestry
Syracuse, NY 13210-2784

FAX: 315-470-6890

Early Registration Deadline: September 19, 2003

Questions? Call ESF Continuing Education at (315) 470-6891.

Email: krcole@esf.edu

Conference home page: <http://www.esf.edu/nysgis/2003.htm>