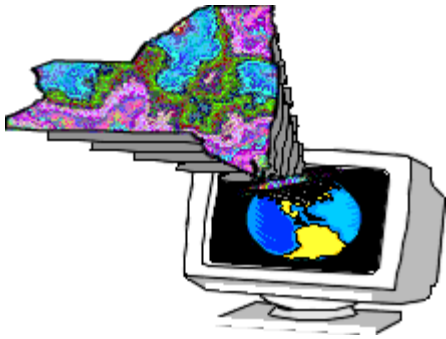




15th Annual NYS GIS Conference Highlights

Conference Statistics

Registrants: 497	Increase from 1998: 57.28% (181 registrants)
Exhibitors: 27	Increase from 1998: 17.39% (4 exhibitors)
Speaker Presentations: 44	Increase from 1998: 30.30% (10 presentations)

Conference Program

Map Contest Winners

Best Cartographic Map

- | | |
|-----|---|
| 1st | Michael Stoogenke, <i>The Sear-Brown Group</i> - Eastern Lanke Ontario Basin: Land Cover Corresponding with Environmental Impacts |
| 2nd | John Barge, <i>NYS Adirondack Park Agency</i> - Adirondack Park Land Use and Development Plan Map and State Land Map
Karin Verschoor, <i>NYS Department of Environmental Conservation</i> - The Adirondack Forest Preserve |

Best Analytic Product

- | | |
|-----|--|
| 1st | David Frazier, <i>URSGWC</i> - GIS Modeling and Data Analysis for Landfill Design |
| 2nd | Nick Colas, <i>Cayuga County Planning Department</i> - Derecho Storm Event- Labor Day 1998: Cayuga County, NY (central portion) |
| 3rd | Sheri Norton, <i>University of Albany</i> - GIS for Cultural Resource Management: Predictive Modeling of Archeological Prehistoric Site Location in Greene County |

Many thanks to the contributors of last year's door prizes

Blue Marble Geographics

Geographic Calculator

Geographic Transformer

Intergraph

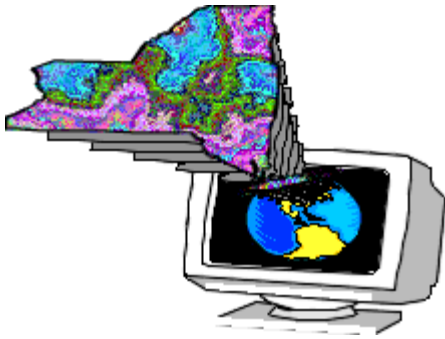
GeoMedia

Niagara Mohawk

Coolers; Travel alarms

Hansen Information Technologies

Mugs; Portfolios



15th Annual NYS GIS Conference Highlights- Conference Program

Monday, October 4, 1999

9 am Pre-conference Workshops

Workshop: GIS in Local Government

Topics:

- Techniques for getting started with GIS
- GIS funding sources
- Funding and other resources available from the NYS • Archives and Records Administration
- Soliciting for GIS services and products
- Techniques for managing GIS consulting projects
- Keys to long term success: Firsthand experiences implementing GIS
- Open panel discussion

Speakers: Austin Fisher, Applied GIS, Inc.; Michael Stoogenke, Sear-Brown Group; JoAnne Rydzynski, New York State Archives and Records Administration; Kevin Corcoran, Town of Glenville; Richard Birch, Dutchess County; Chris Round, Town of Queensbury; Martin Weiss, Oswego County; Tom Sears, Steuben County; John Thomas or Carol Schmidt, City of Rochester

Workshop: GIS for Public Safety

Moderator: *Scott Sherwood and Sam Wear*

GPS-Based AVL Systems for Law Enforcement in New York State: The State of the Science and A Look at the Future,

Josh Landers, President, P6 Incorporated, Yonkers, NY.

Rochester Police Department Crime Analysis Using GIS, *Lt. Michael Wood, Rochester Police Department.*

GIS for Crime Analysis, *Skip Heise, ESRI, Inc., Danvers, Massachusetts.*

Image Data for E911 Base Maps, *David Washburn, REIS Inc.*

New York City Metropolitan Area Earthquake Loss Estimation Study, *Daniel O'Brien, New York State Emergency Management Office, Albany.*

11 am Exhibits Open

1:00pm Conference Opening and Welcome

1:15 pm Opening Keynote speaker: Jack Dangermond, *President and Founder, ESRI*

2:15 pm State of the State in GIS

Moderator: *Bruce Oswald, Director, NYGIS Coordination Program*

NYSGIS Coordination Program Workgroup/Advisory Group Updates, *Tom Hart, NYS Department of State (DOS); Lee Herrington, SUNY-ESF; Sharon Oskam, NYS Library; Cheryl Benjamin, NYS Department of Transportation (DOT); Sam Wear, Westchester County GIS; Bob Freeman, Committee on Open Government; Bob Brower, Cayuga County Planning; Bruce Jones, Eastman Kodak*

State Agency Updates, *Bill Johnson, NYS DOT*

Year 2000 Emergency Preparedness, *Tom Hart, NYS DOS*

3:30 pm Break

4:00 pm Concurrent Sessions 1

1A: GIS in Education

Moderator: *Lee Herrington, SUNY-ESF*

GIS in Schools—An Overview, *Steve Brown, University of Texas at San Antonio*

Examples of GIS Classroom Applications, Grades 8 – 12, *David Wang, Manhasset Public Schools*

ESRI Education Solutions, *Peggy Harper, ESRI Education Solutions*

1B: 3D GIS--The New Dimension

Moderator: Ed Freeborn, NYSTEC

Urban Data Solutions 3D GIS, *Andrew Lerner*, Urban Data Solutions

A 3D Object-oriented Spatial Data Model, Extending the National Imagery and Mapping Agency's Vector Product Format (VPF), *Kevin C. Trott*, PAR Government Systems Corporation, Rome.

The Use of RealTime Simulation in the Design Process, *Charles Hixon*, Bergmann Associates, Rochester.

The Community Planning and Simulation Project, *Michael Kwartler*, New School for Social Research, New York.

1C: The Latest and Greatest in GIS: Vendor Presentations

Moderator: Marty Goldblatt, NYSOPRS

Autodesk GIS: Bringing Information Down to Earth, *Sean Fitzpatrick*, Autodesk

Web Enterprise GIS, *Barry Blanchard*, Intergraph Corporation

ArcInfo 8: A New GIS for the New Millennium, *Skip Heise*, ESRI-Boston

The Internet IS changing everything!, *John McCarthy*, MapInfo

5:30 pm Reception, Exhibits, and Poster Session

Poster Session

Municipality-In-A-Box, *Josephine Amato*, Westchester County Geographic Information Systems (GIS), Department of Information Technology, White Plains, NY

Decadal Snapshots from the NY-NJ-CT Metropolitan Area Urbanization Project, *Roger Barlow, Dan Sechrist and Janet Tilley*, U.S. Geological Survey; *Ann-Margaret Esnard and Yizhao Yang*, Cornell University Department of City and Regional Planning; *Rob Pirani*, Regional Plan Association

The Growth and Decline of Barcelona, New York: Using GIS to Document Local History, *Chris Campbell, Leslie Cook, Jason Corrigan, Maria Dolce, Matthew Mercurio*, SUNY College at Fredonia Interdisciplinary Studies in GIS

Visualize Westchester County GIS data in 3D, *Xiaobo Cui*, Geographic Information System, Department Of Information Technology, Westchester County, New York

School Districts and Educational Facilities Map, *Paul Gisondo*, Associate Planner and *Mike Selig*, Program Specialist (GIS)- Westchester County Department of Planning

Westchester County Telecom Preliminary Network Design, *Tim Gulden*, Geographic Information Systems, Department of Information Technology, Westchester County, White Plains, NY

Land Use and Land Cover Mapping Using DOQQs in Tompkins County, NY, *Sharon Heller*, Tompkins County Information Technology Services
Town of Greenburgh, Westchester County New York Water and Sewer Project, *Ana Hiraldo*, Westchester County Geographic Information Systems (GIS), Department of Information Technology, White Plains, NY

Virtual Hudson Estuary: A Tool for Managing the Hudson, *Theresa Kennedy*, Department of Earth and Environmental Engineering, Columbia University
Using GIS to Visualize State Government Telecommunication Network Infrastructure and Topology, *Matt Mercurio*, New York State Technology Enterprise Corporation (NYSTEC), Rome, NY

Tracking Temporal Changes in Ground-water Contaminant Concentrations, *Pete Nimmer*, EA Engineering, Newburgh, NY

GIS for Cultural Resource Management: Predictive Modeling of Archeological Prehistoric Site Location in Greene County, New York, *Sheri M. Norton*, Department of Geography and Planning, University at Albany, State University of New York, Albany, and *Charles E. Vandrei*, New York State Department of Environmental Conservation, Albany, New York

Census 2000 Local Address Review Project for Monroe County, *Scott Sherwood*, Center for Governmental Research Inc., Rochester, NY

Lake Oseawana Watershed Project: Integrating Clearinghouse Data with Local Data, *Scott Sherwood*, Center for Governmental Research Inc., Rochester, NY

Georeferencing, *Lisa Snopkoski*, Binghamton University

Visualization and Analysis of Radio Coverage for the NYS Thruway Authority, *Jeff Walton*, New York State Technology Enterprise Corporation (NYSTEC)

6:45 pm Banquet

Map Contest Awards and Door Prize Presentation

Speaker: Dr. Don Rodbell, Assistant Professor of Geology, Union College: **Tales from the Treks: Five years of Global Climate Change Research by Union College students in the Andes Mountains of Peru and Ecuador.**

Tuesday, October 5, 1999

7:30 am Continental Breakfast

8:00 am Concurrent Sessions 2

2A:Enterprise GIS

NYS Office of Mental Health's Statewide Facility Information and Management System, *John Merola*, Geographic Data Link.

Expanding Enterprise GIS into Regional GIS, *Joseph Jones*, Nassau County Geographic Information System, Mineola.

Delivering Enterprise-wide GIS Tools at the Long Island Rail Road, *Arthur J. Lembo, Jr.*, Bowne Management Systems, Inc., Mineola.

2B: Partnerships for GIS Development

Cayuga County NASA Regional Application Center, *Robert Brower*, Cayuga county Planning, Auburn.

Joint Mapping/GIS Projects, *Al Roy*, New York State Electric and Gas Corporation, Binghamton.

Using Spatial Information to Strengthen Business Activities, *Lindi J. Quackenbush and Paul F. Hopkins*, SUNY-ESF, Syracuse.

9:20 am Concurrent Sessions 3

3A: Modeling

A Spatially-Implicit Modeling Package for Multi-Disciplinary Use on the World Wide Web, *William M. Stiteler IV and Dr. Paul F. Hopkins*, SUNY

College of Environmental Science and Forestry, Syracuse.

GIS: Re-engineering the Approach to Analytical Problem Solving, *Lana Khitrik, David M. Frazier and Marek Ostrowski*, URS Greiner Woodward Clyde, Buffalo.

The Monroe County Farmland Protection Plan: Using GIS and LESA to Target Farmland for Protection and Profitability Efforts at the Municipal Level, *Ben Houston, Chris Sciacca and John Lamb*, Monroe County Department of Planning and Development, *Robert N. King*, Cornell Cooperative Extension- Monroe County

3B: Emerging Technologies

The Use of Geo-processing Tools in Support of Electronic Commerce: An Example from PRICELINE.COM, *Arthur J. Lembo, Jr.*, Bowne Management Systems, Inc., Mineola.

Practical Implementation of a Spatial Data Warehouse, *Richard Annitto*, Bowne Management Systems, Inc., Mineola.

Enterprise Workflow Reengineered with Network Centric Geospatial Technology, *Sean Fitzpatrick*- Autodesk

10:35 am Break

11:00 am Concurrent Sessions 4

4A: Data

CUGIR: The Foundations of a Clearinghouse, *Tom Gale and Nan Hyland*, Cornell University, Ithaca.

NYS DEM-based Terrain Modeling with ArcView 3D Analyst: What You Need to Know, *David L. Miller*, SUNY College at Cortland.

Data Analysis and Visualization with GIS: Case Studies on the Geologic Project in Southeastern California and the Environmental Project in Brunswick, Maine, *Bai Tian, P. L. Nimmer, C. E. McLeod*- EA Engineering, Science, and Technology, Newburgh, *C. E. Jacobson*, Iowa State University, Ames, IA, *G. B. Haxel*- U.S. Geologic Survey, Flagstaff, AZ, *D. R. Sherrod*- USGS Hawaiian Volcano Observatory, Hawaii National Park, HI, *R. M. Tosdal*- U.S. Geologic Survey, Menlo Park, CA.

Advanced Floodplain Modeling/Mapping for Schoharie Creek, *John Weed, Calvin Reed & George Washburn*-PAR Government Systems Corp., *Howard Pike*- NYS Dept. of Environmental Conservation

4B: Local Government

Ithaca Maps- City on the Web*Doug Foster*, City of Ithaca

SARA Grants for GIS Projects: Improving Your Funding Chances, *JoAnne L. Rydzynski*, New York State Archives & Records Administration, Albany.

GIS Enhancements to the NYS Real Property System, *Bill Godell*, NYS Office of Real Property Services, Albany.

GIS and Parks Management, *Orest P. Ciolko*, Wendel, Buffalo.

12:45 pm Lunch

1:45 pm Concurrent Sessions 5

5A: Remote Sensing and Data Acquisition

GIS and Remote Sensing Lessons Learned - Labor Day Storm, *Fred Howe*, New York State Technology Enterprise Corporation, Rome.

Assessing the Impact of Urban Land Use to Sediment Discharge using GIS: A Case Study of the Cazenovia Creek Watershed, Erie County, New York, *Tao Tang*, SUNY College at Buffalo.

Airborne Sensors – Changing the Way GIS Data is Captured, *Chris Barnard*, EarthData International, Branchburg, NJ

5B: Implementing Geographic Information Systems

Selecting the Proper GIS Deployment Strategy, *Larry Spraker*, Applied GIS, Inc., Schenectady.

The System at work at the Adirondack Park Agency, *John Barge*, New York State Adirondack Park Agency, Ray Brook.

Nassau County's Approach to Tax Mapping within an Enterprise GIS, *Richard P. Slutzah*, Bowne Management Systems, Inc., Mineola.

3:00 pm Break

3:15 pm Concurrent Sessions 6

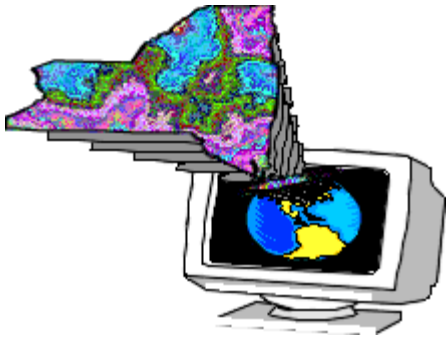
6: Local Government

Inner City Inaccessibility: Supermarkets and the Transit-Dependent in Syracuse, *Joe Grengs*, Cornell University, Ithaca.

Development of a City Wide Geographic Information System, *Keith McKeeve*, Geodata Link.

4:10 Conference concludes

[**Back to 1999 NYSGIS Conference Highlights**](#)



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