



American Society for Photogrammetry and Remote Sensing
Central New York Region

The Central Perspective

ISSUE 3



October 2006

President's Message

National Director's Report

A few months ago I received an e-mail from my older brother. Stuart was very excited to have found Google Earth, and sent me several images of the area we had grown up in. He provided me with a few tips about how to navigate my way around the imagery and tried to explain why things looked the way they did. Through the wonders of Google, he, like a few million others, had discovered the joys of remote sensing.

Just a quick note to catch up on a couple of items as the newsletter deadline approaches. Make sure you look at the Future of Land Imaging website and review the options being considered for LandSat follow-on. A discussion about the process and the Hot Topic session that was conducted in Reno is in the August 2006 PERS. This is our opportunity to have input into future land imaging policy. You can submit comments to survey@landimaging.gov.

When I next talked to my brother, he was a little surprised to find out that I do actually know a little about remote sensing and that dealing with imagery is a large part of my job. He knew my bachelor's degree was in surveying and he also knew that I now teach people about surveying and maps. However, despite his education in engineering, Stuart had no idea just what sorts of spatial information I deal with and how all the pieces come together.

Preparations for the ASPRS Fall 2007 Conference, 28 October – 1 November, at the Westin Hotel in Ottawa, Ontario, are well underway. If anyone is interested in participating in developing this conference, let me know. The theme is “Harmonizing Geospatial Activities Across the World’s Longest Border.” It is shaping up to be a very interesting event.

My brother is like much of the general population: they started using spatial information, without realizing that was what they were doing. *Mapquest* and *Streets USA* have been telling people where to go for years. *Google Earth* wasn't a new idea when it hit the web, at least to those that perform research in the area, but it has changed the way much of the world looks at itself. As Microsoft and others follow in Google's footsteps, spatial information is becoming increasingly available to the masses. We are all part of ASPRS: the Imaging and Geospatial Information Society. While the Society seeks to provide communication between specialists in this area who try to dig deeper into the technology, I believe the Society also looks to provide guidance for new users. The applications of spatial information continue to expand. As professionals in the field, we have to ensure new users understand the technology as they apply spatial information in ways we may never have considered.

The Region generated a good return from our investment and participation in this past April's collaboration with the Great Lakes Commission for a joint Regional Data Exchange Conference and Remote Sensing Symposium. It is good to know that all of hard work that went toward making the conference a programmatic and technical success was also rewarded financially.

Don't forget to sign up for the San Antonio conference. The early registration deadline is 6 October. The Society has been trying to hold a conference in San Antonio for a long time, and this should be a good one. See you there!

Ed Freeborn

I hope to see you at the upcoming NYS GIS conference or at one of our region or national ASPRS meetings in the future. Perhaps you'll find someone using spatial information in a way that surprises you.

Lindi Quackenbush

<p>22nd NYS GIS Conference October 22-24, 2006 Lake Placid</p> <p>Dinner Meeting Friday, November 3, 2006 Utica</p>
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Central New York Region News

Future Dates

2005 - 2006 Region Program

Fall 2006 dinner meeting: November 3, 2006 at Grimaldi's Restaurant in Utica. SOY award winners presentations. Look for the flyer in October.

Winter Meeting: January/February 2007

Annual Meeting: May 2007:

The 22nd Annual New York State Geographic Information Systems Conference: October 23-24, 2006 Crowne Plaza Lake Placid Resort, Lake Placid, NY.

GIS Day 2006 will be held on Wednesday, Nov. 15, 2006.

ASPRS/MAPPS 2006 Specialty Conference
November 6-10, 2006, *Digital Surface Modeling and Automated Feature Extraction*
Crowne Plaza Hotel Riverwalk, San Antonio, Texas

ASPRS 2007 Annual Conference: May 7 – 11, 2007
Identifying Geospatial Solutions
Marriott Waterside Hotel, Tampa, FL.

ASPRS/ CRSS/CASI 2007 Fall Specialty Conference
October 28 - November 1, 2007,
Westin Hotel, Ottawa, Canada

CNY Region Conference Volunteers needed!

Welcome to the Central NY Region

Since January, the following people have joined (or rejoined) ASPRS and the CNY Region. When you meet them, welcome them into our fold and encourage their participation.

Scott A. Beaman	Michelle Bunny
Alexander P. Chaucer	James M. Devona
Daniel S. Fava	Eric J. Greenfield
Jeff Herter	Yinghai Ke
Rebecca M. Maurer	Patrick M. O'Shaughnessy
Nina G. Raqueno	Natalie M. Sinisgalli
Amy Work	Michael E. Zelinski

GRADE POINTS

Welcome back for the 2006-07 academic year! I would like to invite, and strongly encourage, all Student Members to participate in the CNY meetings and events. These events are great opportunities for meeting, talking, and networking with people that are involved in the geospatial information fields.

The ASPRS Board of Directors approved the creation of a Student Advisory Council at the 2006 Annual Conference in Reno, Nevada. The Council was formed to provide insight into how ASPRS could best serve the Student Members. Suggested input ranged from – career track sessions at annual conferences, what books to carry in the ASPRS Bookstore, book and software reviews, a student blog on the ASPRS website, a networking reception at the conference, and a student newsletter. The first Student Newsletter is now available at http://www.asprs.org/student_news/2006_fall.pdf.

All students should be aware of the scholarship opportunities that ASPRS provides. The ASPRS Foundation Board of Trustees recently increased prize amounts for three Scholarships – the Osborn and Wolf Scholarships and the Colwell Fellowship.

The Kenneth J. Osborn Memorial scholarship has been increased to \$1,000. The Osborn award is given to an undergraduate student who displays ability to enter the profession of surveying, mapping, photogrammetry, or geospatial information and technology.

The Paul R. Wolf Memorial Scholarship has been enlarged to \$1,000. The Wolf award encourages college students who display interest and ability to enter the profession of teaching Surveying, Mapping, or Photogrammetry.

The Robert N. Colwell Memorial Fellowship is now valued at \$4,000. The Colwell award is to encourage graduate students who display ability in the field of remote sensing or other related technologies, and who have a special interest in developing practical uses of these technologies.

Applications for the 2007 scholarships are due to ASPRS by December 1, 2006. Additional information and applications are available on line at <http://www.asprs.org/membership/scholar.html>.

Yvonne Paul

Student Representative

Financial Statement

ASPRS Central New York Region

1 Jan 2006 - 18 September 2006

INCOME	
Dues (Regular and Student)	\$ 64.00
Student of the Year	\$ -
Region Conferences (from 2005 Symposium)	\$ 489.78
Interest (Savings and CD)	\$ 139.58
Dinner Meetings	\$ 510.00
Gifts	\$ -
Region Rebate	\$ -
TOTAL	\$ 1,203.36
EXPENDITURE	
Dinner Meetings	\$ 661.92
Postage	\$ 172.19
Student of the Year	\$ 1,000.00
ASPRS Memberships	\$ 570.00
TOTAL	\$ 2,404.11
ASSETS	
Base Shares (Savings Account)	\$ 5,760.59
12 Month Certificate	\$ 4,184.63
Share Draft (Checking Account)	\$ 50.00
TOTAL	\$ 9,995.22
LIABILITIES	
None	\$ -
TOTAL	\$ -
TOTAL AVAILABLE FUNDS	
Assets-Liabilities	\$ 9,995.22

Notes:

- Overall we are good shape financially. Our last reporting period from 5-17-2006 showed the total available funds to be at \$9703.93. May's dinner meeting in Albany helped us in this reporting period.
- We are still awaiting our Region Rebate check.
- We are looking for sponsors for the Student of the Year Award, to help defray costs for next year.

Have you remembered your annual dues!
Region annual dues are \$4.00 for members.
Dues may be paid at any Region meeting, or mailed to the Secretary/Treasurer.

Region Council

The CNY ASPRS Region Council is comprised of a President, Vice-President, Past-President, Secretary-Treasurer, and National Director. In addition, there are several board members on the Council who are appointed by the current President.

At the beginning of each year, we seek candidates for the positions of Vice-President and Secretary-Treasurer. At the Annual Spring Meeting, the Vice-President is elected into what is essentially a three year term, since they transition to President and Past-President after fulfilling their first year in office. The Secretary-Treasurer's term is a one year term. The National Director serves for a three year term. Ed Freeborn is currently our National Director and will serve in this position until February of 2008. After serving for two terms, Ed is giving us plenty of warning that he will be ready to step aside and let someone new become involved at that point.

If you have an interest in serving on the Region Council, now or down the road, contact any current Council member. We are always eager to get new people engaged in the society. Getting involved with the Region Council is a great way to become actively involved in ASPRS and help shape the direction of this organization.

ASPRS News

Dangermond Fully Endows ESRI Award Through the ASPRS Foundation

Jack Dangermond, CEO of ESRI, recently donated \$16,000 to complete the endowment of the *ESRI Best Scientific Paper in GIS Award*. Established in 1991, the ESRI award is given each year by ASPRS to individuals who publish papers of scientific merit that advance our knowledge of GIS technology. This donation, combined with the approximately \$9,000 already on account, will fully endow the Award at the current \$1,000 per year level.

“As the first ‘corporate-sponsored’ award to be fully endowed through the Foundation, Jack Dangermond has once again set an outstanding example to his colleagues in the commercial sector of our community, which we hope to duplicate in the future,” said James Plasker, ASPRS Foundation executive director.

The ASPRS Foundation's mission is “to advance the understanding and use of geospatial data for the betterment of humankind and the effective operation of public and private organizations.” The Foundation currently accomplishes its mission by funding a number of awards and scholarships administered by ASPRS, and this donation will be instrumental in achieving a critical element of the Foundation's goal to fully endow all ASPRS awards and scholarships in the near future.

Leica Geosystems Wins Major Order for GPS Reference Stations from New York State Department of Transportation

Press Release Leica Geosystems Inc: January 11, 2006

The New York State Department of Transportation has contracted with Leica Geosystems to supply GPS reference stations and networking software under a statewide plan to create a network of permanently installed Continuously Operating Reference Stations (CORS).

Leica Geosystems will supply 36 GRX1200 GPS reference stations, along with Spider GPS network control software, which will be incorporated into an integrated network of base stations deployed at strategic locations across the state, providing high-accuracy RTK data for a wide range of surveying and construction applications.

Earlier this year, Leica Geosystems also supplied 84 System 1200 dual-frequency GPS surveying instruments and GeoOffice post-processing software to the New York DOT.

"The wide-area CORS network will eliminate the need to establish local control or set up temporary field reference stations at specific job sites," said Gerard Manley, vice president of engineered solutions for Leica Geosystems. "The CORS data will be made available to state agencies, third-party contractors, construction firms and surveyors for collecting and validating position information in the field throughout the service area."

The GRX1200 incorporates Leica Geosystems' exclusive SmartTrack GPS measurement engine, which provides unsurpassed performance under all conditions. The SmartTrack receiver acquires all visible satellites within seconds, provides clean high-accuracy code and phase measurements with excellent signal-to-noise ratios, provides reliable tracking to low elevations, suppresses multi-path and resists jamming. The units are designed to operate around the clock unattended in remote, hostile environments. They are built with a rugged magnesium housing and meet MIL-STD-810F specifications.

The Spider GPS software is designed to fulfill all requirements for the management, operation and continuous monitoring of a network of GPS reference stations. It handles all aspects of configuration and control for local and unattended remote GPS sensors, periodic data downloads from sensors, data archiving and distribution, system monitoring and data logging. Incorporated in the new Spider GPS software release is the SpiderNet module, which provides enhanced real-

time network and analysis and error modeling over all reference stations, utilizing the new RTCM V3.0 network correction message standard based on the Master-Auxiliary Concept (MAC).

"The New York State DOT has an impressive vision of a uniform high-quality integrated construction management system that will provide a level of efficiency, productivity and accuracy for construction, engineering and surveying projects throughout the state," said Manley. "We at Leica Geosystems look forward to continuing to work with them to implement this exciting master plan."

Kodak International Educational Literature (KIELA) 2006 Award Recipient Named by ASPRS

The Institute of Geography, National University of Mexico was awarded the 2006 Kodak International Educational Literature Award (KIELA). This award was presented during the ASPRS 2006 Annual Conference in Reno, Nevada earlier this month. The Institute offers an international MSc program focusing on landscape management; contributes to an MSc program in biology emphasizing spatial modeling; participates in undergraduate degree programs in environmental science stressing spatial analysis and offers graduate degrees in geography with specialization in society and territory, environmental geography and territorial management. Courses are offered in remote sensing, geographic information systems, visual image interpretation, landscape data analysis and land cover mapping.

This award will enhance current literature holdings and educational materials in photogrammetry, remote sensing, and GIS. The KIELA was begun in 1990 by Eastman Kodak and is administered through the ASPRS Foundation. It consists of \$350 worth of books, manuals and other literature published by ASPRS, a five-year subscription to *PE&RS*, proceedings of the ASPRS Annual and Fall conferences for five years, one complimentary registration to the ASPRS Annual Conference when the award is being given and a hand-engrossed certificate.

The KIELA award has been augmented by a grant from the Environmental Systems Research Institute (ESRI) of the complete ESRI Press Library collection; selected titles from the John Wiley and Sons Publishers catalog; conference proceedings from both the Geospatial Information Technology Association and the Association of American Geographers.



22nd Annual New York State GIS Conference



Join us on Oct. 23-24, 2006

at the

Crowne Plaza Resort and Golf Club, Lake Placid

One Olympic Drive Lake Placid, NY 12946 phone: 518-523-2556, fax: 518-523-941

Meet Talbot Brooks and Twyla McDermott, two key people who responded to the hurricane Katrina. They will be part of a spellbinding panel at beautiful Lake Placid. The panel will demonstrate GIS techniques used to [analyze storm surge](#), power outages and map out missing persons reports and calls for service during this incredible time.

Step aboard the ["brain bus"](#) where volunteers worked non-stop at 12 workstations to provide timely information to decision-makers and rescuers. Learn about team building and real applications that made a difference and helped so many.

Registration Deadline: Registrations *and check payment* must be received by **Wednesday, October 4, 2006** to qualify for the early discount. Government or corporate purchase orders received by the deadline qualify for the early discount.

Registration fees: Early rate, received by Wednesday, October 4, 2006:

- \$135 Registration
- \$ 85 Student Registration
- \$ 75 One day Registration
- \$595 Exhibitor Registration

Standard rate, received **after** Wednesday, October 4, 2006:

- \$165 Late Registration
- \$115 Late Student Registration
- \$105 Late One day Registration

MAP Contest - Deadline is October 23rd by noon. Enter to win prizes, fame and registration to next year's conference!

Sunday, Oct. 22, 2006: - Social Activities - Join us at the Ski Jump Reception

Bob Sled Rides "On your own" Sunday, 2:00 - 3:00 pm

Open Skate & Games "On your own" Sunday, 3:30 - 4:30 pm

Olympic Arena Ice Rink, Olympic Center, 2634 Main St.

Ski Jump Demonstration and Reception: Sunday, 5:00 pm - 7:30 pm

Ski Jump Reception: Registration Required

Mt. Van Hovenberg - Verizon Sports Complex

Banquet tickets for Monday evening dinner are available for an additional fee of \$30 each.

Lodging: The Crowne Plaza Resort and Golf Club rooms have all been booked. A new block of rooms is available at the Golden Arrow Hotel, 2559 Main Street, Lake Placid, NY. You may call 1-800-582-5540 and mention NYS GIS conference for the discount room rate of \$89. Cut off date is Friday, October 8, 2006. The hotel is about a 2 minute walk 500 feet uphill to the Crowne Plaza Resort and Golf Club.

For conference details go to:

<http://nysgisconf.esf.edu/index.html>

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Central New York Region's Home Page:

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DEADLINE FOR NEXT ISSUE:

October 16, 2006

REMEMBER YOUR REGION DUES!

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