President's Message

Now that the New Year has started I am eagerly waiting for more snow for cross country skiing in our local area. The board members and I are continuing to plan for the spring Remote Sensing Symposium.

Our Winter Meeting will be held Friday February 18th, in the Rome area at the Ramada Inn (formerly Horizon Hotel) at the Oneida County Airport, ten minutes away from Thruway Exit 32 – Westmoreland Exit. Our speaker will be Mr. Fred Rahrig of the Air Force Research Laboratory (AFRL) at Rome who will speak on the Remote Sensing Applications at AFRL. For those who are planning to attend, please email to me one or two MS Powerpoint slides on current Remote Sensing related work in your office, college, or company at least two days prior to February 18th. We will continuously loop through the slides during our cocktail hour.

The Remote Sensing Symposium committee continues develop the program for the May 19, 2005 Fourth Annual Remote Sensing Symposium Forging Pathways for Remote Sensing Applications, at Fulton Montgomery Community College (FMCC) in Johnstown, NY. Pre-conference workshops will be held on May 18th, RSI will offer a hands-on ½ day ENVI Introductory class and we hope to offer a ½ day ASPRS Certification Workshop to prepare individuals for the Photogrammetric, Remote Sensing, or GIS/LIS Technologist exam. Along with our technical session, we will be holding workshops in FMCC’s computer lab which has eighteen workstations. The Institute for Applied Geospatial Technology (IAGT) will offer a Remote Sensing class; New York State CSCIC will guide users in accessing data in the New York State GIS Clearinghouse, (see President’s, pg 2)

National Director's Report

Talk to me. That’s what the theme of this ND report seems to be. The first topic is the fall ASPRS National conference that the CNY Region is working on hosting – in 2007 now, not 2006. A brief introduction to the Great Lakes RDX Conference and a request for input on this is the second item. Finally, your input on the future of orthoimaging is also sought for an ASPRS Panel with a short turnaround time. I hope you can lend your voice to these matters.

At the Fall Conference in Kansas City, the Conference Planning and Policy Committee (CPPC) discussed the CNY Region’s proposal to host a Fall Conference in 2006. The CPPC recommended pursuing a Fall Conference in San Antonio, Texas in 2006, and to work with us on a Fall Conference for 2007. From discussions with CNY, Canadian, and other ASPRS members we had proposed an international theme – 5000 Miles of Friendship, Harmonizing geospatial activities across the world’s longest border. Potential tracks include:

- Natural Resource activities - Earth Observation Summit, and The Great Lakes Observing System.
- Homeland Security – Remote sensing and geospatial information support for border enforcement, including individual agency work, and technology outreach for law enforcement practitioners.
- International Harmonization - Geomatics Canada, FGDC, National Atlas, State/Provincial initiatives (e.g. NY/Ontario).
- Boundary and Geodesy related work - Int'l Boundary Commission, J.A. Sewell's work.

(see Director, pg 2)
PAR Government Systems Corporation will offer a class in publishing remote sensing data using ArcGIS, and Pictometry International will offer an interactive demonstration of their Electronic Field Study System. We are finalizing the technical program now and if you have any suggestions for a technical presentation, please contact me at joan.zelinski@partech.com or (315) 268-1608. SUNY College of Environmental Science and Forestry (ESF), the Institute for Applied Geospatial Technology (IAGT), and the Spatial Information Technology Center (SITC) at FMCC will be cosponsoring the event with CNY ASPRS. The Region’s Annual Meeting will also be held at this time. Check our website at http://www.esf.edu/asprs for up to date information on the Symposium.

We look forward to seeing and hearing from our Central New York Region ASPRS members during the forthcoming year.

Joan Zelinski

Nominations for 2005 Region Officers

It’s that time again. The CNY Region of ASPRS is soliciting nominations for the Region offices of Vice-President and Secretary/Treasurer. Nominations may be submitted on behalf of others or by the nominees themselves.

The Vice-President serves a one-year term and then automatically succeeds to the offices of President and Immediate Past President in the following years. Candidates for Vice-President are drawn in consecutive years from the private, public and academic sectors. The candidate for 2005 will come from the academic sector. The primary duties of the Vice-President include overseeing the Region’s annual Students of the Year Awards, serve as Chair of the Region Membership Committee, and act on behalf of the President in that person’s absence.

The Secretary/Treasurer serves for one year, but is eligible to run again for an indefinite number of terms. There is no requirement that this person be drawn from any particular sector. The primary duties of the Secretary/Treasurer are to maintain records for the Region, including minutes of meetings and financial records. This person receives and disburses Region funds and oversees fiscal activities assigned to others in the Region. The Secretary/Treasurer also submits interim and annual fiscal reports to the Region and coordinates the submittal of an annual Region Report to National ASPRS.
Serving as a Region officer is a very practical and rewarding way to become actively involved in ASPRS. It is also a chance to shape the direction of what is, after all, your professional organization. Nominations will be accepted through February 28, 2005. Nominees will be asked to submit short statements explaining their background and why they wish to serve. Please consider it!

For further details on these offices and the other Region offices and activities, contact the Nominations Committee Chair,

National Director
Nominations

The Nominations Committee respectfully submits Ed Freeborn for approval as candidate for the 2005 - 2007 ASPRS Central New York Region National Director.

Chair, ASPRS CNY Region
2004-2005 Nominating Committee

BIographies AND sTAments

Ed Freeborn

Mr. Freeborn is currently employed as a senior geographic information analyst with L-3 Communications, supporting the National Law Enforcement and Corrections Technology Center – Northeast (NLECTC-NE) in Rome, NY. His work for the NLECTC-NE involves supporting geospatial and sensor related activities for Integrated Border Enforcement Teams (IBET), one point of the 30 Point Smart Border Action Plan signed by the US Attorney General and Canada’s Solicitor General in December 2001.

He came to L-3 after assisting in the development of a land use change modeling tool for the New York City watershed at NYSTEC. Previously, he provided the firm with geospatial database consulting services for applications in visualization/simulation (vis-sim), command and control, and agricultural resource management. One notable project included designing and prototyping a system for developing vis-sim databases from GIS data that was based on off-the-shelf products. The output of this prototype system was a tiled, 3 x 3 degree, undersea terrain database with multiple levels-of-detail, suitable for submarine navigation and situation awareness.

He worked for Link Flight Simulation, in Binghamton, NY. His experience there included the production engineering of Apache and Blackhawk visual and IR simulator databases; software support for a worldwide E2-C radar simulation database derived from the Digital Chart of the World; and research and development into the integration of off-the-shelf GIS into simulation database production. His background before coming to Link was in test engineering, and he graduated with a BS in Math from Ohio University in 1979.

Mr. Freeborn has been a member of ASPRS since 1987. He was president of the Central New York Region for the 1996-1997 and 1999-2000 terms. He has worked for several years on the Steering Committee for the New York State GIS Conference, and has been involved with the New York State GIS Coordinating Body and the Standards and Data Coordination Work Group since they were begun. More recently he helped start the Land Use/Land Cover (LULC) Work Group to facilitate LULC coordination in New York.

Position Statement

If re-elected as National Director, I would be honored to represent the Central New York Region on the ASPRS national Board of Directors again, and I would continue to strive to fulfill the duties and obligations of the position. In the past 3 years, I identified Region incorporation, Model Law for surveying, and membership as my 3 priorities. Over this time, I have worked to coordinate communications with National regarding Region incorporation and the Model Law for surveying, so that the CNY Region has been successfully incorporated, and our region is prepared to provide input or respond to Model Law related activities. Considering the third priority of membership, I believe the best way to promote membership is to:

1. Make ASPRS activities relevant to the concerns of current and potential members – including sustaining members, and to

2. Increase the value of ASPRS membership through Region activities that promote our profession.

To accomplish these goals, I will continue:

- Outreach to Sustaining and Canadian members, and the GIS community,
- Pursuing a National Conference for our Region,
- Investigating the development of an imaging system calibration test range in our Region.

I am always available to hear concerns or input from the membership regarding the Society, both Nationally and Regionally, and I appreciate the opportunity to serve.
ASPRS Announces Certification of the First GIS/LIS Technologist:

Justin Carasick is the first GIS/LIS Technologist to complete the requirements for certification under the recently introduced American Society for Photogrammetry and Remote Sensing (ASPRS) certification program for technologists. Carasick specializes in GIS mapping, training, and programming. He is an ESRI authorized ArcGIS trainer and a Navy contractor. He performs master plan files, sets up maps for digitizing, topological overlays, conversion of various maps and data into a GIS, and data attribution. He has worked with NAVAC Southern Command – Marine Corps Air Station, Beaufort, South Carolina, and Pensacola Naval Air Station. He has also assisted numerous county appraisers’ offices in Florida as a GIS Analyst and Programmer. Carasick has provided GIS training for the Gainsville, Florida Police, Fire & Rescue and Public Works Departments. He holds a BA in Geography from the University of Florida.

In October, 2003, ASPRS announced final approval of the new ASPRS certification program for technologists - specifically geared to drafting technicians, inspectors, photographers, laboratory technicians, stereoscopic instrument or plotter operators, computations technicians, field survey assistants, interpretation technicians, image analysts, data processors, and digitizers. This certification was instituted to give those working at the technologist level an opportunity to be recognized by ASPRS for their respective contributions.

The technologist level is defined as work that is primarily of a technical nature, often demanding a high degree of skill, done under the direction of a professional who is responsible for its outcome. Such work is pre-professional when performed by a professional trainee who, having completed courses of specialized intellectual instruction and study, is seeking to attain professional status.

The following categories of ASPRS technologist certification are now being offered:

**Certified Photogrammetric Technologist (ASPRS)**

A technician who performs or supervises technical photogrammetric tasks to extract spatial data from photographic or digital imagery.

**Certified Remote Sensing Technologist (ASPRS)**

A technician who performs or supervises tasks to interpret, manipulate, extract, process and convert remotely sensed data from photographic or digital imagery.

**Certified GIS/LIS Technologist (ASPRS)**

A technician who integrates a variety of spatial data sets into a GIS format designed for graphic output or analysis.

For more information on the ASPRS certification program, contact certification@asprs.org or visit the ASPRS web site:

Certification, general information:  

Certification Guidelines:  

Application for Certified Technologist:  

### PREPARING FOR ASPRS CERTIFICATION

**ASPRS Certification Workshop**

The Remote Sensing Symposium committee is determined to offer a couple of half-day workshops the day before the symposium on May 18, 2005. An ASPRS Certification Workshop, taught by Doug Fuller of AERO-METRIC, Inc., will be offered at a substantially reduced rate of $40 for members and $150 for non-members. (Ed.: ASPRS Membership fee is $105; so save yourself $5.00!) The membership form may be obtained at https://www.asprs.org/application/). The course carries 0.4 CEU credits, which may be registered for an extra $20.

The purpose of the workshop is to prepare individuals who are planning to sit for the ASPRS Certification exams. The workshop begins by explaining the purpose and form of the exam. Key topical areas are identified which an applicant should be aware of prior to taking the exam. Basic concepts and sample questions are reviewed to show how these topics will be tested on the exam. Finally, the workshop identifies resources which examinees should be aware of utilizing in their preparation for the examination.

**Workshop Topics:**

<table>
<thead>
<tr>
<th>Purpose of the exam</th>
<th>Photogrammetry</th>
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<tbody>
<tr>
<td>Remote Sensing</td>
<td>Geographic Information Systems</td>
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</table>

Other topical areas of importance in preparation for the exam.

The committee requests your input and assistance into bringing this workshop to Central New York. Please contact Joan Zelinski if you are interested in attending.
Central New York Region News

Future Dates

2004 - 2005 Region Program

Winter Technical Meeting: February 18, 2005
Oneida County Airport, Oriskany, NY

The committee has chosen Fulton Montgomery Community College (FMCC) for the site as it seemed to be a really great place for the meeting. Go to http://www.esf.edu/outreach/pd/asprs04.htm for further information.

GIS Day 2005 will be held on Wednesday, Nov. 16, 2005.

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.

Financial Statement
ASPRS Central New York Region
1 Jan 04 - 07 October 04

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<td>Postage reimbursement (Paul Szymkow)</td>
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<td>Man. Of Photogrammetry (ASPRS)</td>
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<td>Photocopies (Lindi Quackenbush)</td>
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**TOTAL AVAILABLE FUNDS**
Assets-Liabilities  $11,740.96

ASPRS 2005 Annual Conference: March 7-11, 2005
"Geospatial Goes Global: From Your Neighborhood to the Whole Planet", Baltimore, Maryland.
http://www.asprs.org/baltimore2005

ASPRS 2005 Annual Conference & The Sixteenth William T. Pecora Memorial Remote Sensing Symposium, Sioux Falls, South Dakota, Sheraton Hotel and Sioux Falls Convention Center, October 23-27, 2005

ASPRS 2006 Annual Conference: April 30 - May 4, 2006
Reno Hilton Hotel, Reno, Nevada.

Please send in your favorite stories about any conference to the editor.

The committee is in the midst of planning the various sessions for this annually successful meeting. Nonetheless, they are still seeking ideas for topics and invited speakers. These would be included in session topics such as “Water Quality”, “NYS Orthoimagery”, “Land Cover Use”, “Forest Fire Detection Monitoring”, “Vertical Data”, “Image Access”, and “Multi/Hyperspectral Data”. As you can see, presentations should be about new and innovated applications for Remote Sensing data. If you have any suggestions, please contact Joan Zelinski.
STUDENT OF THE YEAR AWARD

Students, UNDERGRADUATE AND GRADUATE, this is your opportunity to obtain some much-needed cash and some recognition for yourself. Each year the CNY Region sponsors a Student of the Year Award for both graduates and undergraduates. The prizes for each category are:

FIRST PLACE: cash award of $300.00, a one-year membership in ASPRS, and a certificate.

SECOND PLACE: cash award of $200.00, a one-year membership in ASPRS, and a certificate.

In addition to the above prizes, the first ten applicants (by postmark date) will receive a one-year student membership in ASPRS.

Students with an interest in photogrammetry, remote sensing or geographic information systems are encouraged to apply. You are not required to be a student member of the Society at the time of application; however you must be matriculated in the Central New York Region (Upstate New York, Vermont, and North Central Pennsylvania).

Application Procedure: Prepare and submit the following items:

1) A resume.
2) A current course transcript (submit with the application, the transcript may be a photocopy of the official transcript and does not need to be certified).
3) An ASPRS Year 2005 Individual Membership Application form completely filled out (www.asprs.org/ASPRS/membership/application.pdf) and appropriate documentation included.
4) A letter of application. The letter of application should detail any experience and participation the student may have in photogrammetry, remote sensing, or geographic information systems (e.g. coursework, projects, research, etc.). The letter should also relate the expected role of photogrammetry, remote sensing, or geographic information systems in the applicant's career.

Note: Please include a phone number where you can be reached. This could be your phone number or that of your academic advisor. Past First Place winners of a category may not apply.

Submit to: Ron Frederiks
New York State Department of Transportation (NYSDOT),
88 Dumbarton Drive
Delmar, NY 12054-4406
(518) 439-7109 (voice)
email: r.frederiks@worldnet.att.net

Application Deadline: Friday, April 1, 2005 (postmarked)

Applicants will be informed of the competition results during the week of April 18, 2005. Award winners will be officially announced and honored at the Central New York Region Annual Spring Meeting.
Remote Sensing Applications at AFRL

will be presented by

Fred Rahrig

Air Force Research Laboratory

Mr. Fred Rahrig has over 30 years experience with the DoD and the Air Force Research Laboratory (AFRL) in Rome, NY. Mr. Rahrig oversees research projects that advance the state-of-the-art in multi-sensor imagery exploitation technologies and cost-effectively transitions these technologies to the Air Force, DoD and National Command, Control, Communications and Intelligence (C3I) systems. Early in his career, Mr. Rahrig designed and installed the first Automated Feature Extraction System (AFES) for the Defense Mapping Agency (DMA) which is now the National Geospatial-Intelligence Agency (NGA). Mr. Rahrig develops Geospatial Systems for the Air Force and oversees and works on the Commercial Imagery Group & Retrieval Support System (CIGARSS) program which is promoting geospatial applications and systems for the Air Force.

Dinner Meeting Agenda

5:30 p.m. – 6:30 p.m. Social Hour
   (drinks are available from lounge on the premises)

6:30 p.m. – 7:30 p.m. Dinner with choice of:
   Prime Rib and Baked Potato or Chicken Cordon Bleu and Roasted Potatoes, Fresh Garden Salad,
   Chef’s Choice of Vegetable, Fresh Dinner Rolls and Butter, Dessert, Coffee, Decaf and Tea. The price
   for dinner is $22.00 for members and guests, $18.00
   for students.

7:30 p.m. p.m. – 8:00 p.m. Business Meeting

8:00 p.m. Technical Presentation

Reservations will be required by noon on Tuesday, February 15, 2005. For reservations, please contact Emily Constantine Mercurio, CNY Region of the American Society for Photogrammetry & Remote Sensing (ASPRS) Secretary/Treasurer via phone at (315) 283-9422 or via email at emercurio@iagt.org. Please provide your name, a contact phone number or email address, the number of Dinner reservations, Dinner choices, and any special dinner food requirements.
This ballot is provided to all voting members of the Central New York Region, ASPRS. The ballot should be completed and returned to the Region Secretary at the address provided below before February 18, 2005, or delivered in person at the next meeting in Oriskany.

Please fold so that the address is visible, tape the edge, add postage and mail. Thanks for your vote!

Fold Second

Emily Constantine Mercurio  
Remote Sensing Analyst,  
Institute for the Application of Geospatial Technology  
199 Franklin Street, Suite 300  
Auburn, NY, 13021

Fold Under First

ASPRS CNY National Director

Ed Freeborn  
L-3 Communications,  
Government Services Inc.
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(315) 268-1608 (Work)
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DEADLINE FOR NEXT ISSUE:
April 4, 2005

REMEMBER
YOUR REGION
DUES!

ASPRS-CNY REGION
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Environmental Resources & Forest Engineering
Syracuse, New York 13210-2778

FIRST CLASS