President's Message
An exciting spring awaits us in Central New York! We have wrapped up planning for our 7th Annual Remote Sensing Symposium which will be held at Baker Hall on the SUNY College of Environmental Science and Forestry campus in Syracuse on May 19th. We are proud to sponsor this event jointly with the Western New York Chapter of the IEEE Geoscience and Remote Sensing Society. Make sure you go to our website and clink on the link to the Symposium for more details and registration. http://www.esf.edu/outreach/pd/2008/asprs/. Our keynote speaker will be Kass Green from National ASPRS. I hope to see you there!

It has been a wonderful year serving as your President and I appreciate meeting many of you over the past year. Based on what I have seen, we truly have great depth of expertise and more importantly, great passion for Photogrammetry and Remote Sensing in this region. It is fantastic to see groups such as GRSS, NYGIS, and CNY ASPRS collaborating on events for the benefit of all. Make sure you plan on taking advantage of these events to see what is out there and network with others in our industry.

Ricardo Lopez-Torrijos will be taking over as President at the next meeting and please join me in welcoming him in his new role.

Patrick O'Shaughnessy.

Nominations for 2008 Region Officers
The Nominations Committee respectfully submits the following persons as candidates for the 2008 ASPRS Central New York Region election of officers:
Vice President: Rolando Raqueno
Secretary-Treasurer: William Stiteler

Also, the Region Council consists of members interested in guiding the Region during the coming year. The President appoints these positions. Please contact Ricardo Lopez-Torrijos, who will become President in May, if you wish to be on the Council or have any suggestions, including meeting places, topics of discussion or concerns for our region council.

(518) 402-8259  rxlopez@gw.dec.state.ny.us

Lindi Quackenbush
Chair, ASPRS CNY Region
2007-2008 Nominating Committee

Biographies and Statements
New President
Ricardo Lopez-Torrijos

I am the Chief for the Watershed Geographic Information Technologies Support Group in the New York State Department of Environmental Conservation's Division of Water. The Group provides remote sensing and geospatial support for all of the Department's water resources activities. My involvement started with the Department's efforts in the mid-90's to understand in a quantitative way the connection between point and non-point source pollution effects on rivers and lakes of the state. This led to work with USGS and EPA to develop digital terrain (USGS DEMs), hydrologic network (USGS NHD) and aerial orthophotography (USGS infrared DOQQ's). Currently the focus is on development of Ambient Monitoring, Regulatory Tracking and Decision Support Systems. In parallel, during the last 10 years I led the State in its partnership with FEMA to develop the State's Floodplain Mapping Program. We introduced the use of airborne lidar sensors for production of the terrain topography. A fruitful relationship between DEC and SUNY - University at Albany has allowed me to be part of the professional training of several hundred Geography and Remote Sensing students over the years. My position at NYSDEC is through its partnership with the Institute for the Application of Geospatial Technologies (IAGT) in Auburn, relationship that has allowed me to bring NASA facilities and know-how into the water-resources area. I became member of ASPRS close to fifteen years ago, when going to the campus library to read the Society's
Bulletin became too time consuming! Before starting my work for NSYDEC I completed Master level degrees in Physics at Madrid's Universidad Complutense, and in Earth Sciences at the University at Albany. In the later I studied in the Atmospheric Physics group under the guidance of the late Professor Bernard Vonnegut.

I see my candidacy for the CNY ASPRS Vice-President position as deepening my commitment to ASP&RS efforts to support P&RS professionals in their careers and efforts. Our accomplishments in the past 25 years are impressive. But I feel we are at the dawn of much greater challenges: learning to look at the Earth as a whole system; managing our relationship to it at the day-to-day activity level. Earth sciences and geospatial technologies will have to be embedded into our every activity to match the challenge. I would be proud to help support and develop the partnerships, networking and knowledge distribution necessary to move in that direction!

**Ricardo Lopez-Torrijos**

**Vice-Presidential Candidate Rolando Raqueno**

Rolando Raqueno is currently a Research Scientist with the Digital Imaging and Remote Sensing Laboratory at the Rochester Institute of Technology (RIT). He received his Bachelors of Engineering Science in Biomedical Engineering from the Catholic University of America (Washington, DC) in 1985. He started as a graduate research assistant with the Digital Imaging and Remote Sensing Laboratory (DIRS) in 1985 and became an Assistant Scientist/Engineer from 1988 to 1991 and completed his Master's degree in Computer Science at RIT in 1990. During this period, he was programming and implementing algorithms on early specialized image processing systems in support of medical imaging and remote sensing projects conducted at DIRS. He branched into the research in Longwave Infrared (LWIR) Image phenomenology conducting laboratory experiments and field measurements. In support of the LWIR phenomenology research, his focus transitioned to physics-based modeling where he was the technical lead in the system integration of radiometric, thermal, and geometry models into what is to become the early versions of the DIRSIG (Digital Imaging and Remote Sensing Image Generation) model. From 1991 to 1995, he made a foray into government and industry as a Development Engineer with Eastman Kodak’s Federal Systems Division (Consumer & Government Systems) where he was involved in engineering research employing technologies of film and digital capture, data storage and retrieval, and hardcopy/softcopy output to remote sensing problems. He returned to DIRS in 1995 to start research in hyperspectral image analysis and atmospheric compensation over land targets. This work evolved into the algorithm development of hyperspectral remote sensing analysis tools over inland and coastal waters (Lake Ontario) which was to become his research focus for his dissertation at the State University of New York College of Environmental Science and Forestry from 1998 to 2004 (under Dr. Michael Duggin and Dr. Robert Brock).

Rolando continues to be active with instrumentation through radiometric and spectral calibration activities of RIT’s airborne sensors and ground truth collection campaigns during overflights. He is currently employing scientific grid computing technologies to address the numerous model calculations required by the laboratory and student's research into algorithm development and data analysis. He teaches the “Computing for Imaging Science” course at RIT which covers the practical implementation and application of computing tools to digital images and metadata processing. He is also a recent recipient of an IC Postdoctoral Fellowship studying remote sensing Long Wave Infrared phenomenology.

**Secretary/Treasurer Candidate William Stiteler**

William Stiteler has worked as a research scientist at the State University of New York College of Environmental Science and Forestry (ESF) in Syracuse since June, 2000. His position involves the coordination of a project aimed at using remote sensing to manage invasive species targeting the nation’s forests. In addition to research, the position entails outreach to state forestry organization, including a series of workshops for state forestry employees. He has also worked as a consultant developing remote sensing-based approaches to toxic spill detection, and taught courses in GIS and Surveying. Bill completed his masters degree in 1995, and his PhD in 2003, both at SUNY-ESF. He attained a degree in computer science from the State University of New York at Binghamton in 1993.

I became a member of ASPRS in 1993; initially joining as a student, later transferring to full member status. I would like to continue being involved in the local ASPRS region. I believe I have the skills necessary to serve as the region Secretary/Treasurer.
Future Dates

2007 - 2008 Region Program

Annual Meeting and Remote Sensing Symposium:  
May 19, 2008. Syracuse, NY

ASPRS Annual Conference:  April 27 - May 2, 2008  
Bridging the Horizons:  New Frontiers in Geospatial  
Collaboration, Oregon Convention Center/Doubletree  
Hotel Lloyd Center, Portland Oregon

The 24th Annual New York State Geographic  
Information Systems Conference:  October 6-7, 2008  
Holiday Inn, Electronics Parkway, Liverpool, NY

www.gisday.com

The William T. Pecora Memorial Symposium  
Adams Mark Hotel, Denver, Colorado, November 17-20, 2008

GRADE POINTS

At this time of the year, you can be quite busy with end  
of the semester preparations. But please remember April  
28, 2008 – the DEADLINE for the application of 2008  
CNY ASPRS Student of the Year Award is coming  
soon. This is your opportunity to obtain some much-  
needed cash and to gain some recognition for yourself.  
So take some time to prepare a strong application!

Each year the CNY ASPRS council presents Student of  
the Year Awards to the students who have strong  
background in photogrammetry, remote sensing, or  
geographic information systems. This year, thanks to  
generous support from ITT Space Systems Division, the  
awards for both undergraduate and graduate students are  
$2000. In addition to the cash award, the first ten  
applicants will receive a one-year student membership of  
ASPRS with free subscription of journal of PE & RS. So  
dear students, if you are interested in geospatial  
technologies and matriculated in the Central New York  
Region, you are definitely encouraged to apply. Don’t  
wait, take the action now and you will get the benefit!

Check the website  
http://www.esf.edu/asprs/asprs/webpages/soy.htm to  
find the detailed application information and meet  
former award winners.

Yinghai Ke

Yinghai Ke  
Student Representative  
SUNY-ESF, 321 Baker Lab, Syracuse, NY 13210  
Email: yke@syr.edu  Phone: (315) 470-6633

Financial Statement

1 Jan 2008 - 1 Mar 2008

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| TOTAL AVAILABLE FUNDS | $16,949.60 |

Notes:
- ITT sponsorship of the 2008 Student of the Year Award will help defray costs for this 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 News

"The NY Digital Orthophotography Program run by the NYS Office of Cyber Security and Critical Infrastructure Coordination has a new contractor, Sanborn Mapping, for the years 2008-2009. Noteworthy changes to the program are:
- All collection will use a digital sensor (the Z I DMZ frame camera), collecting four bands (NIR R G B) at 12 bits depth. Distribution will be four bands, 8 bits.
- There is a Digital Terrain Model upgrade option that collects LiDAR mass point elevations with a vertical accuracy of +/-15 cm RMSE and average point separation of 1.4 m. The sensors under contract (an Optech ALTM-2050 and a Zeiss ALS50-II) collect up to four returns per laser pulse."
Update on the Proposed Land Survey Definition Legislation

The current hot topic in New York State among the GIS professionals seems to be Senate Bill S04396A (http://assembly.state.ny.us/leg/?by=n&qs=s4396), sponsored by Senator LaValle that addresses sections of the Education Law pertaining to Land Surveying. A version similar to S04396A will soon be introduced in the Assembly by Assemblyman Canestrari.

One section of the bill addresses Section 7203 of the Education Law and more specifically the definition of Land Surveying. With the advent of GPS and its inclusion in the tool box of many Land Surveyors, questions started to arise as to whether measurements performed by other professions, such as GIS professionals, could be interpreted to fall under the purview of the laws governing the practice of land surveying.

With this in mind, the Legislative Committee of the New York State Association of Professional Land Surveyors began an examination of State Education law with the goal of clarifying the definition to assist the state, the public, the land surveying community and the GIS professionals in determining when a task would fall under the land surveyor’s license. As a basis for the wording, NYAPLS used as a guide the definition put forth in the Model Law published by the National Council of Examiners for Engineering and Surveying. After many drafts, reviews by the land surveying community, reviews by the State Board of Engineering and Land Surveying and other related professions, NYSAPLS, in an effort to move forward, submitted their proposed wording for the definition to the bill sponsors and asked that they introduce the bill for passage. At the present time, the Senate bill is being put forth on the Senate Higher Education Committee agenda for action by that committee and subsequent forwarding to the Senate floor for debate and vote.

From the view of NYSPLS, it appears that most concerns are centered around individual words in the proposed legislation or specific tasks that might now be performed by someone other than a licensed land surveyor. To understand the proposed definition, one must read it in its entirety. The definition of land surveying is currently in law under Section 7203 of the State Education law, it is the intent of this legislation to help clarify and interpret the current law.

Other sections of the proposed legislation will address requirements for licensure as outlined in Section 7206-a, clarify Section 7208, subdivision e which addresses an exemption allowing professional engineers to perform surveys except for the determination of real property boundaries, and, address temporary permits to perform land surveying in New York State by those licensed in other states but not in New York (Subdivision 2 of Section 7207).

Anyone with questions concerning the proposed legislation is welcome to contact me at dmorgan@lafavewhittemcgivern.com or 315 628 4414,

Daren L. Morgan,
Chairman Legislative Committee,
New York State Association of Professional Land Surveyors.

National Director’s note:
The ASPRS policy and procedures concerning licensure of photogrammetrists and GIS professionals is available on the Region’s website http://www.esf.edu/asprs. Also available on the website are links containing the ASPRS policy, and related model law documents. For further information, please contact Ron Frederiks, who is leading the CNY Region’s efforts regarding the redefinition of surveying in NY.

His contact information is:
Ron Frederiks
518-457-7042 rfrederiks@dot.state.ny.us

Sad News

Robert F. McGivern

Bob was a long time member and friend of the Central New York Region. He fulfilled many roles with grace and humor including official positions with ASPRS and the CNY Region.

Born January 17, 1925, Died April 21, 2005, Age 80. Predeceased by his wife Virginia and brother Patrick, Robert is survived by his children, Douglas (Shari), Marilyn, & Leslie McGivern; grandchildren Emma, Leah, Marissa, Makayla, Ethan, Rachel, Melisa and Trisha; great-grandson Adrian; sister, Norma Jean Welgle; brother Donald (Dottie) McGivern. Robert was a veteran of World War II and a civil engineer. He was a very active volunteer for Summerville Presbyterian Church, as well as the Rochester Rotary Club. His wonderful sense of humor, engaging personality and genuine concern for others touched and endeared him to all who knew him. He leaves a legacy of love, laughter and wonderful memories for his family and friends.”
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 cover letter.
2) A resume.
3) A **one page statement** detailing any experience and participation the student has had in photogrammetry, remote sensing, or geographic information systems e.g. coursework, projects, research, or work experience. The statement should also relate the expected role of photogrammetry, remote sensing, or geographic information systems in the applicant's career.
4) A current course **transcript**. Note that the transcript does not need to be certified and should be submitted with the application.
5) A completed ASPRS Year 2008 Individual **Membership Application** form with appropriate documentation included (http://www.asprs.org/membership/application.pdf).

**Notes:** Please include a phone number and e-mail address where you can be reached.
Past winners of a category may not apply for the same category.
In addition to the prize for each division described above, the first ten applicants (by postmark date) will receive a one-year ASPRS student membership.

**Submit to:** **Ricardo Lopez-Torrijos**  
IAGT, Chief, Watershed GIT Support Group  
Division of Water, NYS DEC  
625 Broadway, 4th floor  
Albany, NY 12233-3500  
(518) 402-8259  rxlopez@gw.dec.state.ny.us

**Application Deadline:** **Friday, April 28, 2008** (postmarked)

Award winners will be informed of the results during the week of May 5, 2008 and will be honored at the Central New York Region Annual Spring Meeting in Syracuse, May 19, 2008.
7th Annual CNY ASPRS New York State Remote Sensing Symposium
Monday, May 19, 2008

Kass Green  Workshop presenter and dinner speaker.

Kass Green is the President Elect of ASPRS and the President of Kass Green and Associates where she consults on geospatial strategy, technology and policy issues to private, educational, and public organizations. Four years ago, Kass retired as President of Space Imaging Solutions. Prior to joining Space Imaging, Kass was the President of Pacific Meridian Resources, a geospatial services company she co-founded in 1988 and sold to Space Imaging in 2000. Ms. Green has given several hundred research presentations throughout the world at various conferences. Her published articles have appeared in numerous journals. Her scientific service includes current membership on the National Geospatial Advisory Committee, past membership on three National Research Council panels for the National Academy of Sciences, authorship of several chapters of books, as well as co-authoring the text book, *Assessing the Accuracy of Remotely Sensed Data*.

For Symposium details go to:  
http://www.esf.edu/outreach/pd/2008/asprs/

$65  Early Rate – before May 5, 2008  
$35  STUDENT Early Rate – before May 5, 2008  
$50  Workshop Fee

Phone: 315-470-6817  
ESF Outreach, SUNY-ESF, 1 Forestry Drive, 221 Marshall Hall, Syracuse, NY 13210

Preliminary Program:

12:00 - 2:00 pm  Sign in for workshop

1:00 - 3:00 pm  Ms. Kass Green, workshop instructor, “Detecting and monitoring land use and land cover change over time.”

3:00 - 3:30 pm  Sign in

3:30 - 4:00 pm  Dr. Myrna Hall, SUNY-ESF, “A Comparison of Five Land Use /Land Cover Classifications in the New York City Watershed and Their Implications for Managing Future Water Quality”

4:00 - 4:30 pm  Dr. Le Wang, SUNY Buffalo, “Land Use Analysis from Multisource Data including state-of-the-art Remote Sensing Technologies”

4:30 - 5:00 pm  Dr Eric Greenfield, USDA Forest Service, “Urban and Community Forestry Assessments”

5:00- 6:15 pm  Reception and Student Poster Session, sponsored by ITT Space Systems Division

6:15 – 7:15 pm  CNY ASPRS Meeting and Student of the Year Award

7:30 pm  Dinner with Keynote speaker, ASPRS President-elect, Kass Green, “Update on ASPRS Accomplishments and Future Tasks.”
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 May 16, 2008 (postmarked); or delivered in person at the annual meeting in Syracuse on May 19, 2008.

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

William Stiteler  
Forest Engineering, 402 Baker Lab  
SUNY-College of Env. Science & Forestry  
1 Forestry Drive  
Syracuse, NY  13210-2778

ASPRS CNY Region Officers

Vice-President:  ________  
Rolando Raqueno,  
Research Scientist with the Digital Imaging and Remote Sensing Laboratory at the Rochester Institute of Technology (RIT).

Secretary/Treasurer:  ________  
William Stiteler  
Research Scientist, State University of New York, College of Environmental Science and Forestry, Syracuse, NY
Officers of the Central New York Region

President:
Patrick O'Shaughnessy
GIS Director,
ITT Space Systems Division
1447 St. Paul Street
Rochester, NY  14606-0488
(585)-269-5763 voice
patrick.oshaughnessy@itt.com

Vice President:
Ricardo Lopez-Torrijos, IAGT
Chief, Watershed GIT Support Group
Division of Water, NYS DEC
625 Broadway, 4th floor
Albany, NY  12233-3500
(518) 402-8259
rxlopez@gw.dec.state.ny.us

Secretary/Treasurer:
William Stiteler, PhD
Research Scientist
Forestry Organization Remote Sensing Technology project
402 Baker Lab SUNY ESF
1 Forestry Drive
Syracuse, NY 13210
(315) 470-6939

National Director:
Ed Freeborn
L-3 Communications,
Government Services Inc.
1300-B Floyd Avenue
Rome, NY 13440
(315) 339-6184 voice
(315) 330-4315 fax
edwin.freeborn@l-3com.com

Immediate Past President:
Lindi Quackenbush
SUNY-ESF, 402 Baker Lab
1 Forestry Drive,
Syracuse, NY
(315) 470-4727 voice
(315) 470-6958 fax:
lquack@esf.edu

Newsletter Editor:
Paul Szemkow
Environmental Resources & Forest Engineering,
402 Baker Lab
SUNY-College of Env. Science & Forestry
1 Forestry Drive
Syracuse, NY 13210-2778
(315) 470-6635 voice
(315) 470-6958 fax
pszemkow@syr.edu

Student Representative:
Yinghai Ke
Student Representative
SUNY-ESF, 321 Baker Lab,
Syracuse, NY 13210
Email: yke@syr.edu
Phone: (315) 470-6910

Central New York Region's Home Page:
http://www.esf.edu/asprs

Council Members:
Ron Frederiks
New York State Department of Transportation (NYSDOT),
88 Dumbarton Drive
Delmar, NY 12054-4406
(518) 439-7109  voice
r.frederiks@verizon.net
(315) 470-6633 (Work)

New Council Members Needed

DEADLINE FOR NEXT ISSUE:
September 1, 2008

ASPRS-CNY REGION
SUNY-College of Env. Sci & Forestry
1 Forestry Drive, 402 Baker Lab
Environmental Resources & Forest Engineering
Syracuse, New York  13210-2778

MEETING ANNOUNCEMENTS

FIRST CLASS