

THE IMAGING & GEOSPATIAL INFORMATION SOCIETY
EASTERN GREAT LAKES REGION



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Message From The President....

Good Day!

It is my pleasure to assume responsibility for directing the region's activities for 2007. I assume these responsibilities with a large amount of respect for the ASPRS as a whole, for the Eastern Great Lakes Region and its heritage, and particularly for the region's members. The region is blessed with a cadre of members who have showcased their knowledge, skills and experience in the fields of photogrammetry, cartography, remote sensing or image interpretation over the last few decades.

I would like to commend last year's President, Bob Brinkman of Woolpert, Inc., who skillfully led the region in 2006-07. The region's accomplishments under his leadership included: being recognized as the "Region of the Month" twice; conducting two well attended business meetings near Pittsburgh, PA and Milan, OH; conducting monthly Board calls; development of new student chapters; gaining recognition for "Web Site of the Year"; and increasing the region's finances. Thanks Bob for such a great job!

During my tenure, I hope to carry on this legacy. In particular, I hope to continue strong financial stewardship, promote both regional and national meetings, and promote professional engagement in critical Great Lakes management issues. You will note that our focus for the upcoming summer meeting in September will be on applying remote sensing technologies to monitoring the extent and health of coastal wetlands. Restoration and protection of natural habitat is a major regional concern, which can not be accomplished without comprehensive inventories and repetitive monitoring. I'm looking forward to working with each of you on these important tasks over the next few months.

Roger Gauthier
President, ASPRS, EGLR

Mark Your Calendars! EGLR Summer/Fall 2007 Meeting

A joint meeting with the Eastern Great Lakes Region and the North Central Chapter of the Society of Wetland Scientists is scheduled for September 13-14, 2007 at Cleary College near US-23 and Plymouth Rd., near Ann Arbor, Michigan.

Thursday morning will include workshops on mapping wetland and the afternoon technical program will deal with the soon-to-be published Great Lakes coastal wetlands monitoring protocol. A field trip is being planned for Friday.

In addition, Larry Hand from the USGS/WETMAAP program will be offering a training course in the region at the Cleary campus in Howell for middle school and high school students on Saturday.

Special Election

Have you returned your ballot for the special election? Be sure to get yours in before the deadline, July, 31, 2007. Ballots may be returned electronically to:

george.leshkevich@noaa.gov or snail mail the printed ballot in this newsletter to:

George Leshkevich
NOAA/GLERL
2205 Commonwealth Blvd.
Ann Arbor, Michigan 48105.

Visit the EGLR Website at:
<http://www.glc.org/asprs-eglr/>

EGLR Regional Scholarships

The EGLR chapter awards two scholarships to deserving undergraduate and graduate students every year. The scholarships are intended for students residing in the Eastern Great Lakes Region while pursuing studies in the Photogrammetry, Remote Sensing, and GIS or related disciplines.

Application information for the 2008 scholarships should be coming soon.

ASPRS Student Chapters

The Eastern Great Lakes has two active Student Chapters, one located at California University of Pennsylvania and one located at The Ohio State University.

If your school has a minimum of five students and a faculty advisor interested in participating in a new Student Chapter get more information

at:
http://intranet.asprs.org/Creating_New_ASPRS_Student_Chapter.pdf

Kucera Helps Science Olympiad Team Garner 2nd Place in State and Qualify For Nationals

The Mentor, Ohio High School Science Olympiad team recently finished second in the Ohio's statewide Science Olympiad competition and qualified for the National Competition in Wichita, Kansas. Kucera International's Vice President, Scott Antalovich, helped coach the Mentor Team in the Remote Sensing and photo and map interpretation problems. Congrats and Good Luck to the Mentor Team and thanks to Scott for helping in their winning effort!!

Welcome New Members!

Please join me in welcoming the newest members to the Eastern Great Lakes Region!

Gi-Choul Ahn	Columbus, OH
Hubo Cai	Kalamazoo, MI
David Conner	Columbus, OH
Matthew Dougherty	Columbus, OH
Maynard L. Dunn	Pittsburgh, PA
Lisa M. Erickson	Canton, MI
Mr. Richard Feldmann	Dayton, OH
John M. Green	Ann Arbor, MI
Tim A. Hale	Dayton, OH
Dr. Shawana Johnson	Independence, OH
George A. Miller, Jr.	Ebensburg, PA
Ms. Lukus Monette	Pittsburgh, PA
Bradley J. Monnin	Dayton, OH
Mr. Jack L. Nagel	Dayton, OH
Fred Osterwisch	Ann Arbor, MI
Pamela J. Piper	Ebensburg, PA
Benjamin Purman	Ypsilanti, MI
Norm Roller	Ann Arbor, MI
Shellie Rose	Pittsburgh, PA
Dale Smith	Flint, MI

ASPRS 2007 Annual Conference Great Success

This year's conference held in Tampa, FL was a success. The conference theme was Identifying Geospatial Solutions. Opening with a Keynote address delivered by John Curlander of Microsoft Boulder and Michael Jones of Google Earth, Google Maps and Google Local Search.

Thirteen workshops were offered, including one presented by our own Dr. Charles Olson of University of Michigan, on Thermal Remote Sensing.

The Region was presented with two awards during the Memorial Address on Thursday, May 10, 2007.

2007 Region Web Site of the Year award and a tie for 2nd Place as Region of the Year. The Region Website of the Year Award, inaugurated in 2003, serves to recognize excellence among the regions in providing service to members and to the profession at large through web site publication. The Region of the Year Award was established in 1968 by the ASPRS Foundation to recognize excellence at the regional level in providing service to the members and to the profession at large. We should be proud of our elected officers and the great work they do to make our region an outstanding one.

Dr. Dean Merchant submitted a proposal for USGS to accept, as an alternative, airborne methods of calibration of film based aerial mapping cameras. The Tampa meeting of the ASPRS Transportation committee generated enough interest for the DOT people to recommend that airborne methods be accepted. Their primary motivation appears to be that the camera need not be removed from the aircraft to accomplish calibration. In this regard, John Ray [ODOT/Aerial Engineering], chairman of the committee, is to write a letter through ASPRS channels [Transportation to Photogrammetric Applications Division to the Board] advising them accordingly.

One of the USGS/EROS objections has been

that test and calibration fields would be required throughout the country. ODOT is in the process of developing a simple design based on 90 degree cross-roads. The flight would consist of one over the crossing in the direction of the road and a second at 45 degrees. The image distribution would spatially be equivalent to that provided by the USGS Reston Optical Calibration Laboratory method of calibration. While this is a work in progress, Dr. Merchant believes that the ASPRS Board will support the committee's position.

Mark Your Calendars

The Ottawa, Canada Conference is scheduled for October 28 - November 1, 2007. This conference is being Co-organized by: The Canadian Aeronautics and Space Institute, The American Society for Photogrammetry and Remote Sensing, and the Canadian Remote Sensing Society.

The Great Lakes Regional Data Exchange (RDX) '07 Conference is scheduled for October 29, 2007 in Ottawa, Canada, in conjunction with the CRSS/ASPRS Fall Conference. The theme is: "Binational Geospatial Data Sharing".

Monday evening will prove to be exciting, a Curling Competition is being planned, Can the EGLR sweep up enough interest to compile a team?

All workshops have been scheduled and commercial exhibit spaces are already sold out, this should be a great conference, make your plans and reservations now. For more information, visit the website: <http://www.asprs.org/ottawa07/index.html>

Woolpert, Inc. is looking to fill the following positions:

Photogrammetry Technicians/Stereo Compilation Operators (Dayton, OH, & Orlando, FL)

Entry-level compiler with 1+ years' exp. Requires Associates or Bachelor's degree in Eng., GIS, Geography, or related field. Previous photogrammetric collection and cartographic editing exp a plus. Exp using MicroStation, Intergraph, DAT/EM, KORK, or Socet Set software and eligibility for US DOD security clearance preferred.

Cartography/Ortho-imagery Technicians (Orlando, FL).

Requires High School Diploma or equivalent with preference for BS degree in Eng., Strong computer exp required. GIS, Geography, or related field and 2-4 years' related exp. Previous Photogrammetry exp a plus. Requires knowledge of GIS, Photogrammetry and GPS surveying. Digital image processing, quality analysis and digital image enhancement exp preferred. Duties include: digital ortho-imagery data processing, remote sensing analysis, Quality Control/Assurance, carto editing.

Photogrammetry Technician/Cartographic GIS Analysts (Dayton, OH)

5+ years' exp. Requires Associates or Bachelor's degree in Eng., GIS, Geography, or related field. Previous Cartography and GIS exp a plus. Exp using MicroStation, AutoCAD, ArcGIS, FME preferred. Desired skill sets include exp with surface models, CAD/GIS translations, scripting/macros, VB/MDL programming, and knowledge ESRI shape file, geodatabase, ArcTin, ArcGrid formats. Eligibility for U.S. DOD security clearance preferred.

Photogrammetry Group Manager (Orlando, FL)

Requires 10+ years' exp, 5 years' of that in a management role. Applicants must be certified as a Photogrammetrist. Florida licensure preferred. Technical exp should include: LiDAR editing/processing, photogrammetry, GIS, and remote sensing. Position requires excellent communication & writing skills.

Photogrammetry Operational Managers (Dayton, OH)

Seeking experienced managers for Airborne Acquisition & Processing; and Map Compilation & Cartography. Positions involve working with group managers, operations managers and clients within and outside Woolpert's Geospatial Services divisions. Includes interaction with clients and may require occasional travel. Requires a Bachelors degree with two years' or High School diploma with five years' related exp planning, implementing, and performing photogrammetric projects. Previous managerial, managerial support, or supervisory exp preferred. A background in Geospatial is required. Must have ability to analyze problems, envision solutions and develop solutions using current state-of-the-art technology in a fast paced and challenging work environment. Excellent communication and writing skills, along with exp using Microsoft Office, AutoCAD, MicroStation, and/or ESRI software packages required.

Senior Software Programmers (Charlotte, NC, Dayton, OH, Denver, CO, Phoenix, AZ, or Portsmouth, VA, Atlanta, GA)

4+ years' exp leading the development effort on ASP.NET applications (Visual Basic .NET or C# and JavaScript) and be able to provide samples of work req. Woolpert developers are expected to work directly with clients and be solid writers and communicators. Project work will make use of GIS software. Familiarity with the ESRI suite of products, and the ArcObjects libraries specifically, is a plus. Exp in developing database driven applications utilizing either SQL Server or Oracle database platforms.

GIS Onsite Air Force Base Technical Specialists (Grand Forks, ND, New Brunswick, NJ, or Tullahoma, TN) Successful candidates will work on AFB. Must have 3+ years' exp in GIS; to include the following: BS/BA in GIS, Geography, or Remote Sensing; GIS integration with ESRI and ESRI products; GIS project management; application development (VB/VBA, Java, XML, ASP, JSP, or ArcObjects); developing and implementing geodatabases; and web and database development. Must be eligible for a security clearance, with related exp with US Air Force Civil Engineering or Environmental Management a plus. Exp working with ERDAS image processing; GPS surveying; Oracle 9.x or higher; and ESRI ArcIMS 3.x or higher; as well as working knowledge of the SDSFIE and FGDC metadata standards preferred. Must perform well with minimal direct supervision and maintain flexibility in an environment of rapid growth and change.

GIS Technician (St. Louis, MO)

Will perform data conversion and routine mapping for communication infrastructure projects, providing technical assistance in development and creation of databases, reading and interpreting source documents such as communication infrastructure plans and civil engineering plans and entering the data into the GIS. Will possess entry-level to 4 years exp and familiarity with GIS, ArcGIS 9, MicroStation, and AutoCAD; an Associates Degree or Bachelors in GIS, Computer Science, Information Systems, or similar field. Must be detail oriented, possess ability to stay focused on the task at hand, and be a hard worker. Other qualifications include: ability to translate communication annotation, excellent communication, analysis, and graphic skills; exposure to ESRI products such as ArcInfo, ArcSDE, ArcIMS, Spatial Analyst, Network Analyst and geodatabases.

Visit www.woolpert.com to find out more, and to view a complete listing of job openings and locations. Woolpert offers excellent salaries and benefits. For immediate consideration, please apply online or submit resume with position preference to: Woolpert, Inc., Human Resources, Attn: Mike Magnotta, 409 E. Monument Avenue, Dayton, OH 45402 AA/EOE

BAE Systems has openings for:

Photogrammetric/Mapping Technician II Req. No: 508505 (Pittsburgh, PA)

2-5 years geospatial analyst or production exp preferably in the military or intelligence communities. US Citizenship required. Positions are subject to government security investigation and must meet eligibility requirements for access to classified information. Working level knowledge of advanced computer graphics applications. Must be able/willing to work 2nd shift. Technical/trade school major or AS in CADD, Cartography, Land Surveying, or Civil Engineering Technology. BA in Geography, GIS, Cartography or Environmental/Earth Sciences is preferred.

Photogrammetric Technician Trainees Req. No: 508437 (Pittsburgh, PA)

Technical/trade school major or AS in CADD, Cartography, Land Surveying, or Civil Engineering Technology, or equivalent related work exp. US Citizenship required. Position is subject to US government security investigation and must meet eligibility requirements for access to classified information. Working level knowledge of advanced computer graphics applications. Must be able/willing to work 2nd shift.

For more information or to apply visit <http://careers.na.baesystems.com> or forward resume to Neil Hutchison via email neil.hutchison@baesystems.com or via fax: (858) 592-5733.

Do you have a news item of interest to the EGLR membership? Is your company looking to fill a position? Have you recently hired a Photogrammetry or Remote Sensing Professional? Send information for publication consideration to: sherry.a.mcgartland@baesystems.com.

