



Welcome Letter from the EGLR Board

The Eastern Great Lakes Region (EGLR) of the ASPRS welcomes you to the 3rd Annual Dinner Meeting. This is a great opportunity within the Region to join members not only in your current city location but with members from two other cities. Tonight, April 4, 2014, the EGLR is hosting simultaneous meetings in Pittsburgh, PA; Columbus, OH; and Ann Arbor, MI.

Tonight the EGLR Board of Directors thanks its 2013 Board Members for volunteering to represent the ASPRS members within the Region and welcomes its new Board members for 2014 (see page 2 of this newsletter). 2014 is also a very exciting time for the Society as we celebrate 80 years of vast change in the sciences that represent mapping and aerial/satellite image technology.

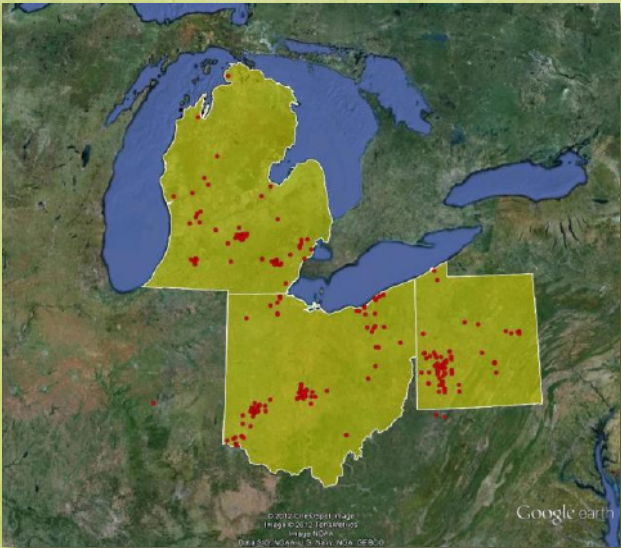
With this 80th year, the Society is experiencing a time with a lower number of members than in previous decades. At the ASPRS Annual Conference in March 2014 members in attendance at various committee meetings heard several discussions about the word “calibrate”. 2014 will be the year when ASPRS calibrates itself “...To plan or devise carefully in order to have a precise use, application, or appeal...”

The EGLR begins this first week of April by applying the term “calibrate” to developing communication and collaboration between the EGLR Board/EGLR members and ASPRS student members within the Region. On April 1, 2014, the EGLR Board appointed Steven Ostrowski (Graduate Research Assistant at The Ohio State University Mapping & GIS Lab) as Chairperson for the newly formed EGLR Student Advisory Council (SAC). As Chairperson, Steven will be the liaison between the EGLR SAC and ASPRS SAC, serve as liaison between the EGLR Board and the Region’s current student chapters and to represent all students within the EGLR who are current ASPRS Student members or hold an interest in joining ASPRS.

For those who ask, “Why should I join or stay a member of ASPRS?”, associate and long term members will answer that ASPRS provides the opportunity to continue learning as the technology and ideas evolve in the Imaging and Geospatial Information fields. ASPRS represents an avenue for members to network with a wealth of colleagues in your field.

Tonight you will have the opportunity to network with fellow Geospatial colleagues. Tonight you will have the opportunity to learn something new from our three guest speakers. With that on behalf of the EGLR Board of Directors, please enjoy your evening.

Thank you,
Jim Peters - Past President



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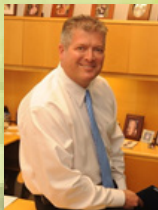
2014 ASPRS - EGLR Board Members



President
Karen Carter



Past Pres./Media Editor - Jim Peters



Vice President
Jeff Lovin



Secretary/Treasurer
George Leshkevich



National Director
Dr. Srinidhi Dharmapuri

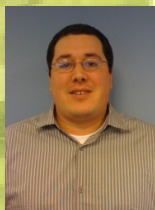


Chair - EGLR SAC
Steven Ostrowski



Regional Director
Vacant

Regional Director
Michael Joos



Regional Director
David Alvarez



EGLR Past President's Award



From Left to Right: Dr. Charles Toth, Jason Heywood, Karen Carter, David Dean, Dr. Bob Burch, Jim Peters, Greg Lemke, Jeff Lovin, Dr. Carolyn Merry, David Alvarez

In 2013, the EGLR Board of Directors decided to honor the current Immediate Past President with an award to acknowledge that person's volunteer commitment to the Region and ASPRS. Since the formation of the Region in 2002, 2014 marks our 11th President taking office. Pictured above shows past and current Board members honoring the 2009 President Dr. Bob Burch. Photo is courtesy of Dr. Stewart Walker taken at the 2014 Annual ASPRS Conference in Louisville, Kentucky.

Join the EGLR Board of Directors

Within our region each year, we nominate and elect a new Vice President to the EGLR Board of Directors. The VP position becomes a 3-year commitment as you advance to President and then to Past President. Request for nominations will be emailed in November for the Vice President position.

Open nomination for a third Regional Director begins on April 7, 2014. This Regional Director spot will be a 2-year commitment ending in April 2016. The EGL Region has three Regional Directors representing the entire Region. Our Regional Directors in 2013 worked on the following types of activities: helping to coordinate our technical meetings and educational outreach with our membership committee.

Serving on the Board is a chance to bring your ideas to improve the Region and educate our members at the Region and National levels of ASPRS.

Michael Hauck, PhD

ASPRS Executive Director

From Galileo to Radiohead and Beyond

Dr. Hauck will discuss the future of imaging and geospatial information, giving a nod to Galileo's telescope and the British rock group Radiohead's use of LiDAR technology to produce its Grammy-nominated "House of Cards."

Michael Hauck has over 20 years of experience in the creation and application of remote sensing and geospatial information technologies. Reflecting the diverse membership of ASPRS, he has practiced in academic, government, Fortune 500, and start-up settings; and in industries that include transportation, energy, telecommunications, and defense. In addition to technical breadth, he is a versatile, collaborative, and adaptive leader with over a decade of general management experience that includes both board and executive positions in not-for-profit organizations. His volunteer work includes service on local, State, and National boards, e.g. the Venture West Network of entrepreneurs, the State of Wyoming Telecommunications Council, and the Transportation Research Board of the National Academies. His key scientific accomplishment has been the acquisition, processing, and interpretation of the first-ever deep seismic reflection profiles through the Himalayas, which were part of his PhD dissertation in Geological Sciences at Cornell University.



Jeff Lovin

Woolpert Senior Vice President and Director of Geospatial Services

An Update of Woolpert's UAS Activities

Since 2001, Jeff Lovin has been senior vice president and director of geospatial services at Woolpert. Prior to assuming his current role in 2001, Mr. Lovin served as a project manager for many local, state, and federal clients across the U.S.

Altavian and Woolpert have partnered to refine technologies based on the companies' combined expertise in UAS and mapping, surveying and high-precision remote sensing. From Woolpert's perspective, the advent of UAS is the next logical step in the evolution of the company's data collection portfolio, allowing them to migrate their existing, proven processes to a more flexible and, in some cases, more accurate platform. For Altavian, the advanced remote sensing and feature extraction capabilities that Woolpert has developed are the perfect complement to the company's existing data collection methods.



Steve Nuske

Senior Project Scientist, Carnegie Mellon, The Robotics Institute

Autonomous Vineyard Canopy and Yield Estimation Project

Steve Nuske's current work at the Carnegie Mellon University - Field Robotics Center is on visual localization, visual tracking and visual scene and object segmentation for both small UAVs and ground-based agricultural vehicles.

Vineyard managers want to know the state of their vines -- both the size of the vine canopy and the predicted harvest yield. Such information can be used to manage vine vegetative and reproductive growth to improve the efficiency of vineyard operations. Traditional industry practices for gathering crop and canopy estimates are labor-intensive, expensive, destructive, imprecise, spatially coarse and do not scale to large vineyards. The research project aims to design and demonstrate new sensor technologies for autonomously gathering crop and canopy size estimates from a vineyard -- expediently, precisely, accurately and at high-resolution -- with the goal to improve vineyard efficiency by enabling producers to measure and manage the principal components of grapevine production on an individual vine basis.



Charles Toth Elected as ASPRS Vice President

BETHESDA, MD, MARCH 7, 2014 --- ASPRS, The Imaging and Geospatial Information Society, announces the results of its 2014 elections for National Officers. The Tellers Committee reported that Charles To ASPRS, The Imaging and Geospatial Information Society, announces the results of its 2014 elections for National Officers. The Tellers Committee reported that Charles Toth, of The Ohio State University (OSU), won the election to become ASPRS Vice President for 2014. With the installation of officers at the ASPRS Annual Conference in March, Stewart Walker moves into the position of President; Lynn Usery becomes President-Elect; and Stephen DeGloria becomes Immediate Past President.



Vice President-Elect Charles K. Toth is a Research Professor in the Department of Civil, Environmental and Geodetic Engineering at OSU. He received his MSc in Electrical Engineering and a PhD in Electrical Engineering and Geo-Information Sciences from the Technical University of Budapest, Hungary. He has published over 300 peer-reviewed journal and proceedings papers, and he is the co-editor of the widely popular book LiDAR: Topographic Ranging and Scanning Principles and Processing. Toth joined ASPRS in 1988. From 2004-2008 he served as Assistant Director, then Director of the Photogrammetric Applications Division (PAD). Since 2008 he has served as the ASPRS Eastern Great Lakes Region

National Director. He is also President for the 2012-2016 Congress Period of Technical Commission I for the International Society for Photogrammetry and Remote Sensing (ISPRS).

Toth said, "ASPRS is the premier society for geospatial information science and engineering professionals, uniquely blending government, the private sector, and academia. It is absolutely essential for the entire society to maintain its position of leadership as the broad use and application of remote sensing and geospatial data reaches many users who are not traditional members of ASPRS." Toth continued, "we must be more proactive, demonstrating our knowledge and competence to solve problems for humankind, including disaster response, environment, climate change, peacekeeping, and food supply... I look forward to serving as an officer of ASPRS with honor and responsibility."



Share with the EGLR

If you have news that you would like to share with the region please contact the newsletter editor Jim Peters – egl.r.newsletter@gmail.com or any of the region board members. Thank you for your support of the Region!

Become a Member of ASPRS



Information on becoming a member of the APSRS and all of the great benefits associated with membership can be found on the National webpage – www.ASPRS.org