



THE IMAGING &amp; GEOSPATIAL INFORMATION SOCIETY

American Society for  
Photogrammetry and Remote Sensing

## Eastern Great Lakes Region

### *EGLR NEWSLETTER*

After a long hibernation the Eastern Great Lakes Region newsletter is back!

A big thank you goes out to our new newsletter editor Kari Maszle of Hatch Mott MacDonald in Pittsburgh, PA. Kari contacted your region officers around the first of the year and volunteered to put together a new line of newsletters. She saw a job that needed to be done and asked if she could help out. Just what we all need...help! Thank you Kari! I think this letter gets us off to a great start.

If you have not already seen the new EGLR - ASPRS website please take a look at <http://www.asprs.org/a-regions/EasternGL/>.

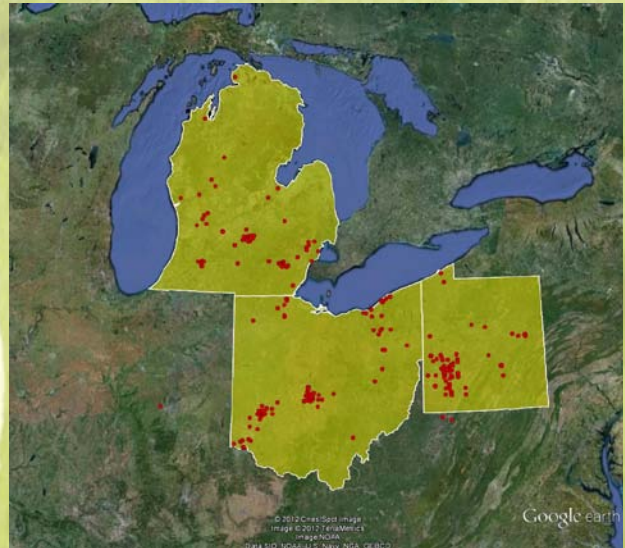
Current EGLR Vice President Jim Peters and his colleague Jack Thomas, both with BAE Systems in Pittsburgh, PA have put a lot of effort into bringing you a new and improved website. Thank you Jim and Jack! If you have any questions or suggestions about the new website, please email Jim at the web editor link on the website.

I hope you find the information in this issue informative and interesting and further, I hope it inspires you to be more involved with ASPRS and especially the EGLR.

Please...If you have news and information to contribute to the newsletter or the website, please contact Kari or any of the region officers. We will be glad to hear from you!

Thank you for your membership in ASPRS and your support of the EGLR.

Sincerely,  
Greg Lemke  
EGLR Past President



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Visit our website for additional information about the Eastern Great Lakes Region

<http://www.asprs.org/a-regions/EasternGL/>



## 2012 Eastern Great Lakes Region ASPRS Board Members

### President

Dr. Thomas Mueller



### Message from the Board

The year 2012 set out to be and continues to be an “**energizing**” time for the EGL Region. The key element the board is deploying this year is to keep the region’s news and information current and available for our members. In doing so we launched our updated website in April to reach out to all region members and ASPRS members alike. The region has a new editor for the newsletter with plans to **strengthen** our member’s knowledge of recent and future information.

There are opportunities throughout the region for members to step up and continue to **rejuvenate** the EGLR. Throughout the year we can present ideas to the board of directors for topics for the region meetings. As members we can **challenge** ourselves with the goal to gain new members from nearby colleges, universities, and regional organizations with programs and activities related to our imaging and geospatial society. In closing, we look forward to meeting or reconnecting with you at the next regional meeting.

### Past President

Greg Lemke



### Vice Pres./Web Editor

Jim Peters



### Secretary/Treasurer

George Leshkevich



### Regional Director

Dave Dean



### Regional Director

Dr. Sрни Dharmapuri



### Regional Director

Brad Fugate



### National Director

Dr. Charles K. Toth



### Newsletter Editor

Kari Maszle







## ASPRS Joint 2012 Eastern Great Lakes Region (EGLR) -Western Great Lakes Region (WGLR) Preliminary Summer Meeting Agenda

**Date:** **Friday, June 22nd, 2012 from 9:30 am to 4:00 pm** at the Michigan Tech Research Institute (MTRI) in Ann Arbor, MI.  
~ **Friday evening social activity is being planned** ~

**Location:** Down the hallway from Michigan Tech Research Institute, 3600 Green Court, Suite 100, Ann Arbor, MI in the Kiva conference room (located in the same building, the Plymouth Green Technology Center). See <http://www.mtri.org/contactus.html> for directions. The MTRI building is near the Hawthorn Suites, Microtel Inn & Suites, & the Holiday Inn just off of US-23's Exit 41 near the corner of Green & Plymouth Roads in northeast Ann Arbor.

**Parking:** There is plenty of parking around the MTRI building, particularly on the north side between MTRI and the Holiday Inn.

**Theme:** "Using Multiple Data Sources to Enhance Geospatial Understanding"

**Cost:** \$10 for lunch (catered by MTRI). We are actively looking into the opportunity to offer CEU's through Ferris State University for a cost soon to be finalized. Dinner Cost TBD (see below). *Please register for the meeting by sending an e-mail to ASPRS EGLR Secretary-Treasurer George Leshkevich, [George.Leshkevich@noaa.gov](mailto:George.Leshkevich@noaa.gov) (734-741-2265)*

### Agenda items:

**9:30 am – 10:00 am:** Registration and welcome time

**10:00 am – 12 noon:** Morning speakers

- a. Dr. Ricardo Passini, BAE Systems; Dave Hart (or representative), Continental Mapping Consultants; Dr. Charles Olson, MTRI; and Michael Joos, GeoCue Corporation.

**12 noon – 1 pm:** Lunch and tour of MTRI

**1 pm – 4 pm:**

- a. (4) Guest Speakers or afternoon special session. Two options being discussed by the planning team: (1) An afternoon of guest speakers. (2) Special Session - Colin Brooks, MTRI will be presenting on "Using remote sensing to measure bridge condition - an example of collecting, analyzing, & visualizing thermal, radar, 3-D optical, & LiDAR data for the same Michigan bridges".
- b. **2 pm - 4 pm:** If we have guest speakers, then we will remain at MTRI, or if we have Colin's presentation, then there will be a "Field visit to 1-2 bridges evaluated during the Bridge Condition project to help understand the meaning of the collected data."

**4:00 - 4:30 pm:** Adjourn meeting at MTRI.

**6:00 pm – 8:00 pm or so:** Currently we are reviewing two options for a Friday evening event. (1) An evening social activity at the Arbor Brewing Company, 114 East Washington St, MI 48104, in downtown Ann Arbor. Planning committee reviewing buffet options (**paid by members and guests**) & there will be a cash bar. (2) Members gather and meet at another downtown establishment.

**Hotels:** There are 3 hotels immediately adjacent to MTRI. I recommend the Hawthorn Suites Ann Arbor, which if you call it at 734-327-001 directly you can ask for the Michigan Tech Research Institute negotiated rate of \$86/night. The nearby Holiday Inn Ann Arbor's number is 734-769-9800 and the Microtel Inn Ann Arbor / Plymouth Rd is 734-997-9100.

**Organizing contact:** Colin Brooks, ASPRS EGLR, [colin.brooks@mtu.edu](mailto:colin.brooks@mtu.edu), cell # 734-604-4196. Additional information about the meeting is being posted to the new region website at <http://www.asprs.org/a-regions/EasternGL/>

**Meeting sponsored by: BAE Systems [openings for additional sponsors are available]  
& Door prizes provided by: A Garmin Handheld GPS will be raffled by BAE Systems**



## The ASPRS 2012 Annual Conference

March 19-23 - Sacramento, CA

The ASPRS 2012 Annual Conference in Sacramento was a well-organized and productive meeting. Attendance was moderate but close to expectation, given the location; EGLR was well represented, including several members and about half of the region officers.

In general, ASPRS 2012 was business as usual; back-to-back committee meetings, workshops and user group meetings on the first two days, followed by the busy conference and exhibition program for two and a half days. There were no dramatic developments in terms of introducing new technologies or practices, though, digital camera systems, both large-format and newer imaging sensors, based on innovative designs, attracted most of the attention at the exhibition floor. Mobile LiDAR continued to gain momentum and the focus seemed to be shifting from the data acquisition hardware toward the processing capabilities. There are several ad hoc committees working toward accuracy characterization and guidelines for different applications and technologies and the conference venue is an excellent occasion to have face to face discussions. While all of these efforts are important, one on developing ASPRS mapping accuracy guidelines and recommendations seems to be getting most of the attention; this effort is sponsored by the ASPRS PDA division.

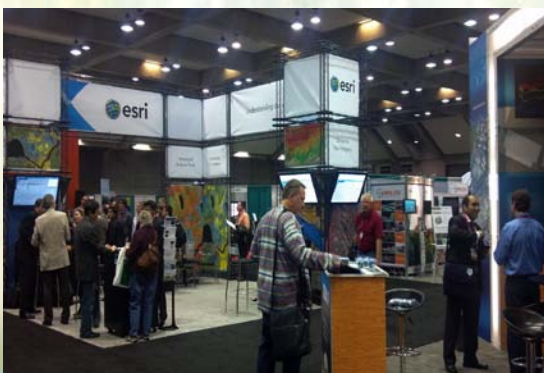
Dean Merchant, a long-time ELGR member, was awarded the Photogrammetric (Fairchild) Award, one of the most prestigious merit-based awards given by ASPRS. This is a great honor for Dean, a clear recognition for his life-time commitment to camera calibration, an effort he is still pursuing by working towards establishing a new methodology for in situ airborne camera calibration. Congratulations to Dean!

The ASPRS Board meeting is always on the closing day of the Annual Conference, where feedback from the meeting is considered to plan and decide on the various societal and business actions for the coming period. Among the routine subjects, two items stood out this time. One is the reinforced commitment of ASPRS to recruit young members to offset the aging trend of the society. The other topic is a bit contentious, as it is a proposal to consolidate regions in the future. Basically, the idea is to have only six geographically well-defined regions, as opposed to the current 17 regions distributed rather unevenly in terms of area and membership.

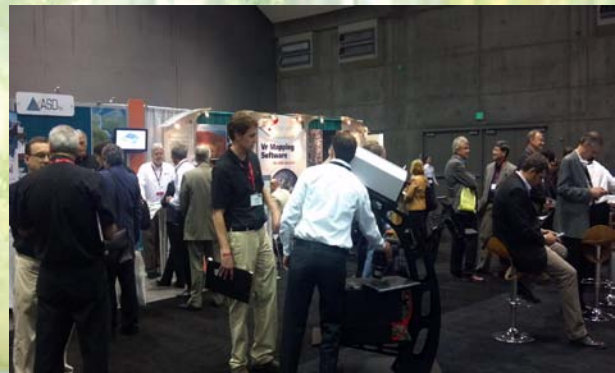
On the social front, the Southwest Region organized a nice reception in Old Town Sacramento, which was devoted to recruiting young professionals. The main social event by ASPRS was in the California Automobile Museum, and turned out to be a big success for the attendees.

On a personal note, ASPRS has asked me to accept the candidacy and run for ISPRS Commission I for the period of 2012-2016. The official application for the Presidency has been submitted to the ISPRS Council, and the decision (vote) will be made at the General Assembly at the ISPRS 2012 Congress in Melbourne in August.

Charles Toth  
EGLR National Director



*Exhibitors Hall*



*Exhibitors Hall*



## EGLR Winter 2012 Meeting

Sandusky, OH

The Eastern Great Lakes Region held our first Annual Winter Dinner Meeting on February 17<sup>th</sup> in Sandusky, Ohio at the Red Gables Mesquite Grill. The purpose of the meeting was for the installation of the 2012 officers and to listen to a presentation by Chuck Olson.

The meeting also provided a chance for members to network with other members in the region. Approximately twenty individuals attended the meeting including board members, region members, and student members.

Chuck Olson was the region guest speaker at the dinner. His presentation was titled "From Plane-Table to LiDAR." Chuck covered a long history of mapping with emphasis on the importance for accurate mapping and how this need helped the mapping sciences evolve.

On the day following the dinner meeting an excursion was scheduled to tour the NASA Plum Brook Station. The tour was of the Spacecraft Propulsion Research Facility (B-2) and the Space Power Facility (SPF). Plum Brook is the world's only test facility capable of full-scale rocket engine firings as well as the world's largest space environment simulation chamber. Check out the EGLR website for slide shows of images from the facility.



*EGLR – ASPRS Members having dinner.*



*Chuck Olson – Region Guest Speaker*



*Members attending NASA Plum Brook Station*

**Dr. Srinu Dharmapuri**  
**Newly Appointed Chair of the ASPRS mobile LiDAR committee**

The ASPRS board has established the LiDAR division at its May 5, 2011 meeting in Milwaukee, Wisconsin. The primary goal of the LiDAR division is to focus on all aspects of kinematic laser scanning (e.g. the entire sensing platform is in motion). The division currently comprises of two committees for Aerial and Mobile LiDAR and one working group on LAS format.

The mission of the mobile mapping committee is to develop best practices by soliciting inputs from the broad mobile laser scanning industry and from academia. Dr. Srinu Dharmapuri was elected as vice chair of the committee during the ASPRS conference at Milwaukee, 2011 and subsequently he has become Chair of the committee during the ASPRS conference at Sacramento in 2012.

During the last year, Dr. Dharmapuri has assembled a best practices framework document (mainly the topics and an abstract for each topic) and discussed this with participants in the mobile mapping committee meeting. Dr. Dharmapuri is soliciting volunteers to contribute to the sections of the document.



**Share with the EGL**

If you have news that you would like to share with the region please contact the newsletter editor Kari Maszle – [kmaszle@hotmail.com](mailto:kmaszle@hotmail.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 ASPRS and all of the great benefits associated with membership can be found on the National webpage – [www.ASPRS.org](http://www.ASPRS.org)