



Eastern Great Lakes Region

EGLR NEWSLETTER DECEMBER 2021 EDITION

MESSAGE FROM THE PRESIDENT



As the year draws to a close, and with the holidays fast approaching, it occurs to me that this “Message from the President” is the last one I will write (try not to be so excited by this news). It’s hard to believe that the year has passed and my term as president of the Eastern Great Lakes Region is over already.

I’ve truly enjoyed the opportunity to serve, and genuinely believe that we, as a region, had a very good year. I was fortunate to build on the momentum that our Immediate Past President, Shawana Johnson helped

to establish (along with some great leaders before her) and to work with a wonderful Board of Directors. If there is one clear lesson that I learned this year, it is that it does, indeed, take the entire team to accomplish our goals, and this team has been fantastic.

Speaking of our board, I’d like to take this opportunity to recognize them for their hard work and many contributions to the Eastern Great Lakes Region.

As mentioned earlier, Dr. Shawana Johnson is our Immediate Past President and has set the bar high for those that follow her, through her dedicated leadership and vision. Greg Lemke serves as our National Director and does a

wonderful job of representing our region at the national level. Our Secretary Treasurer is Dr. Colin Brooks, who stepped up a couple of years ago to take on the responsibilities of managing the region's finances, distributing meeting minutes, and bringing a lot of great ideas to the table for discussion.

The region is also served by three Regional Directors. They are, Trish Horkan, who manages our website, publishes this newsletter, and handles almost all our marketing communications (conference announcements, etc.), Craig Fry, who I am pleased to say is currently running for Vice President of the Region, and Dr. Ben Vander Jagt, who, along with a couple of others, is relatively new to the board and brings a fresh perspective to every conversation.

And lastly, we have John Antalovich, who will be stepping into the role of Region President for 2022. I know John is going to do a great job and I look forward to seeing where he takes us during his term (there's talk of an event at the Rock and Roll Hall of Fame, so I'm already excited!).

We've also been fortunate to benefit from the continued participation of past board members including Dr. Srini Dharmapuri, Ed Kunz, and Jason Heywood, who although not obligated to do so, attend almost every board call, participate actively in conference and meeting planning, and continue to give of their time and talents for the good of the region.

Which leads me to my last point (assuming you've stayed with me and are still reading). Please get involved!

As I write this letter, several board positions are being voted on for the next term. What stands out to me about our election process, which *always* starts with a call for nominations, is that other than discussions amongst the board and our efforts to recruit others to join us, there are NO NOMINATIONS from the membership! And this has been the case for years! In fact, if you have voted, or do vote after reading this, you'll note that the candidates are running unopposed. This, too, has been the case for years.

Looking at the math, we average around one hundred members in the region (I think we peaked at 110 this year), and there are a total of seven board positions, with only two or three up for election in any given year. That being the case, you might expect to see several candidates put forth for open positions, yet that does not occur. And we would love to change that!

I can share with you from personal experience that being actively involved in the region is deeply rewarding. And the opportunities are plenty! Whether you serve as a member of the board, take on a committee role, would like to champion a particular cause or effort, or participate in some informal role as available, you will be welcomed as a part of the team.

We need to break from the Pareto Principle trend that we see in so many organizations and welcome new faces, new ideas, and new leadership into the Region. Please consider joining us and helping to make *our* region better for everyone. And if you have thoughts on how to improve our region so that others are more inclined to participate, please feel free to share them with us – we genuinely want to hear from you!

And with that, I will close my last letter by wishing everyone a wonderful holiday season and a safe and prosperous new year.

With warm regards,



Michael Joos, CP, GISP
President, Eastern Great Lakes Region, ASPRS

FEATURE ARTICLE BENEFIT TO SMC MEMBER FIRMS by Michael Joos

Did you know that if your company is a Sustaining Member Council (SMC) firm that you can submit one Feature Article per year in PE &RS Journal? And, unless you chose to purchase the cover for the issue that your article will appear in, there is no cost to publish your article! Sounds almost too good to believe, I know.

So, what, exactly, is a Feature Article?

Feature Articles showcase how technologies, produced by sustaining member companies, are being used in the industry. These articles are semi-technical or non-technical and meant to extend the impact of *PE&RS* to an even broader range of readers. Each article should address topics of broader interests with a strong impact on the geospatial community and accommodate the interests of readers with a diverse level of geospatial knowledge. ASPRS does not pay for articles, but *PE&RS* is a good public relations/marketing vehicle as it is read and recognized around the world. An article in *PE&RS* will bring recognition to your company.

Though subject to professional editing, Feature Articles are not to be peer-reviewed and therefore should not contain lengthy lists of references or complex equations. High quality photos and graphics are encouraged.

If you'd like to learn more about this incredible opportunity or discuss submitting an abstract for consideration (it's a very easy process), then get in touch with me at either mjoos@t3gs.com or featureeditor@asprs.org. We're looking forward to more great articles in 2022, so let's talk soon!

MY ASPRS STORY: GREG LEMKE

I became a member of ASPRS in 2003. At that time, I had been a production stereo photogrammetry cartographer for over ten years. I worked for a company in Michigan that provided land surveying and aerial photogrammetric mapping services. I still do.

When I started in this world of mapping the earth, we compiled maps on analog instruments. Giant heavy machines that were created in Switzerland and Germany and cared for by technicians and professors to keep them calibrated. We compiled maps from film and glass-plate imagery onto paper and mylar sheets and scaled the maps using gear boxes and pantographs. Later we “encoded” these instruments and connected them to computers. Then we acquired analytic “digital” stereo plotters that allowed us to compile maps directly into computer software programs. All the while, big heavy pieces of equipment that required film transparencies to capture the photographic details while still requiring very technical and mechanical care. As I was gaining more responsibility and was working in a supervisory role, “Softcopy” instruments that used scanned film and direct digital imagery came to be. Light weight computers and hi-resolution 3D monitors now replaced the bulky equipment of the past. Our cartographic technicians were now integrating terrestrial and aerial LiDAR data with image-based mapping. We are now integrating drone imagery and LiDAR into our maps.

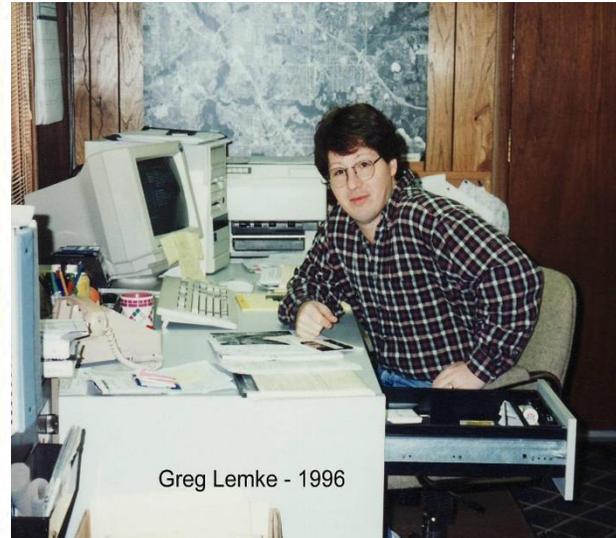
Wow, what will the future hold in the way of mapping technology?

One way to know is to get involved with ASPRS at the regional and national level. Through my membership in ASPRS, I was able to gain so much more insight into the geo-spatial sciences when I began attending technical meetings and national conferences. I was able to meet a lot of very smart people from Government, Academia and Commercial organizations. I was able to attend technical discussions and workshops and make the personal connections with mentors and colleagues that helped me become a Certified Photogrammetrist and FAA 107 Remote Pilot. As a member of the ASPRS Eastern Great Lakes Region board since 2011, I have had the ability to collaborate even more closely with a wide variety of colleagues and industry friends that have helped me in my professional development.

I was apprehensive about joining a national organization before I became an ASPRS member. What can I offer I thought? What can this organization do for me I thought? It turns out that there are a lot of benefits. To become active with the region and national organization does not require a huge investment in time or energy. The value that is gained in knowledge and networking and socializing has more than made up for the effort and the work that I have put in.

I encourage all members of each ASPRS region to contact their region board and offer to contribute in any way that they can. Every organization needs the help of its members and each of its members has a talent they can offer that helps the organization as well as the individual.

If you can be at the annual conference in Denver in 2022, look me up. I'll be happy to meet you there and talk about ASPRS, mapping, and any of the earth sciences. Better yet, bring your skis and we'll have a meeting on a chair lift!



Greg Lemke, CP, RP

GRATEFUL, YET HOPEFUL BOARD.

It's the time of year when people stop and reflect on all that we are thankful for and make resolutions and wishes for the coming year. The EGLR Board is no different and spent some time at the most recent board meeting discussing the region's past, present, and future. What follows are some of the things board members are thankful for about the region and things they'd like to see happen for the region in the coming year:

I'm thankful we have a good group of people in our region. Sometimes in groups there are people who want too much control, or are not willing to work well with others, and as far as I can tell, we don't have any of that.

CRAIG FRY, CP

A goal for next year - advertise or present ourselves in front of a group of people that we never have before.

CRAIG FRY, CP

I am thankful that the ASPRS annual conference is going to take place as an in-person conference in Denver in February.

I am thankful for the friendships I have made within the Society and look forward to making new friends.

I will be thankful for skiing in the Rocky Mountains following the conference and will hope other ASPRS members can join me.

Greg Lemke, CP

I am thankful to have become a part of such a great group of people. I was welcomed in with open arms as an intern doing marketing and GIS tasks for the region and felt supported both professionally and personally from the start of my very first meeting.

Trish Horkan

My wish for the coming year would be to see the region's membership continue to grow. We need to reach out to those at all stages of their careers in order to grow the region and I would like to see us focus on the region's student population. We all need to spread the word.

Trish Horkan

I am thankful for my wonderful career in the geospatial profession, which began almost "accidentally" some three decades ago. It's allowed me to provide for my family, to always be excited about what's new and emerging (our profession is always changing – and at warp speed), and to build a lot of incredible friendships along the way.

Michael Joos

My wish for the coming year is that the Coronavirus global pandemic will become a thing of the past, that people will gather in-person without fear of infection, and that all those simple pleasures that we took for granted just a couple of years ago, will be restored with a new sense of gratitude and appreciation.

Michael Joos

REMEMBER WHEN?

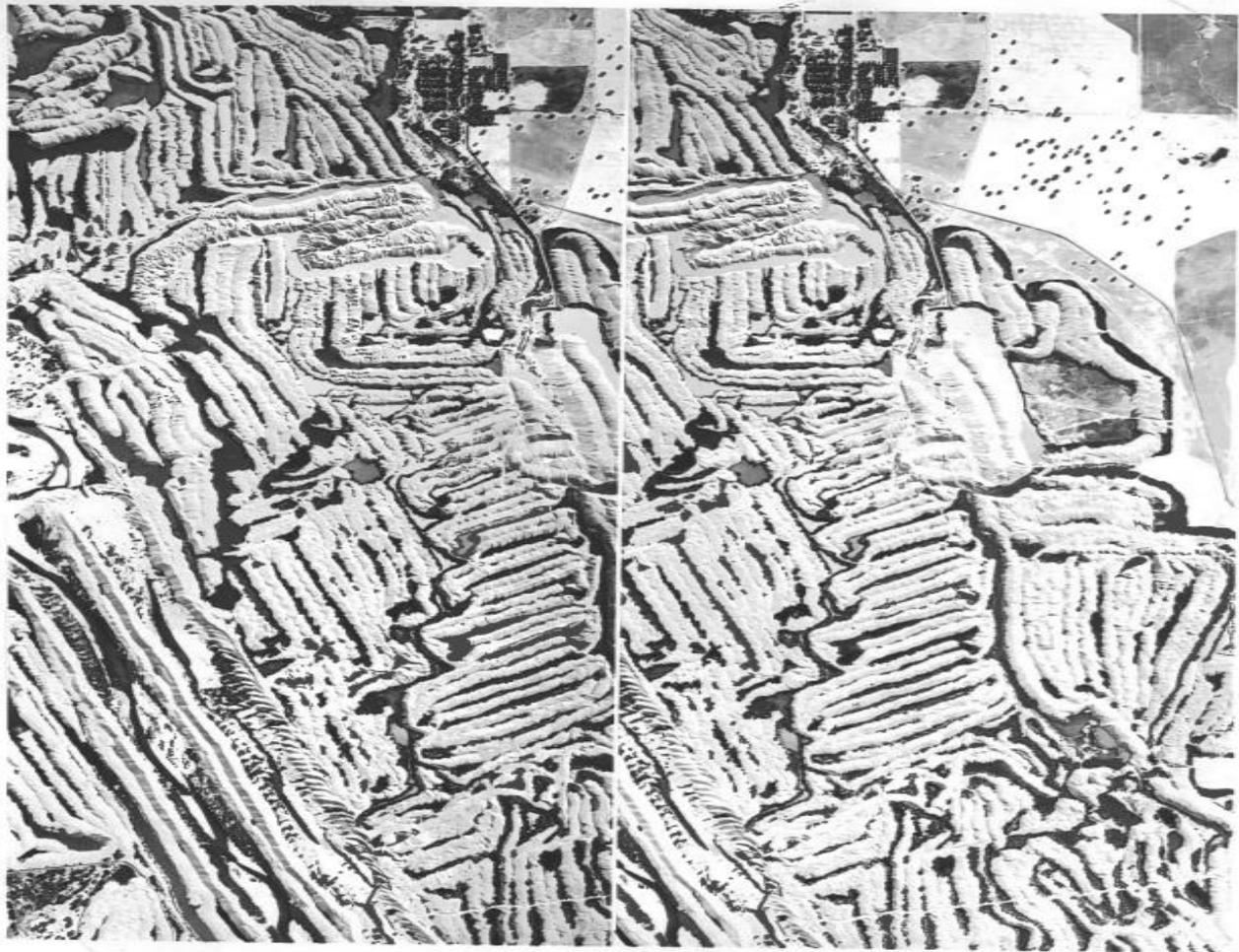
A well-known and respected member of the EGLR was Chuck Olson. Sadly, Chuck passed away last year, but his work, knowledge, and influence still live on in our region and beyond. The following was shared by EGLR Secretary/Treasurer Colin Brooks:

When Chuck was giving these assignments to our interns, they would be expected to refer to the elements of image interpretation (Shape, Size, Tone, Shadow, Pattern, Texture, Site, Association, and Resolution) based on his classic 1960 article (Olson, C.E., Jr., 1960. Elements of photographic

interpretation common to several sensors. Photogrammetric Engineering, Vol. 29(6):968-971). They're still interesting to look at, and our interns seemed to enjoy these exercises!

Puzzle Problem No. 2 (May 26-June 28, 2011)

What was the overall function/use of this area at the time the photos were taken?



HAMMONTON
Yuba County, California, U.S.A.
September 1, 1937
RF = 1:21,000 H (=) 14,400 feet

Stereogram No. 302
Prepared from USDA-AAA aerial photography
by the University of Illinois Committee
on Aerial Photography.

EASTERN GREAT LAKES REGION BOARD MEMBERS

As always, please feel free to contact any of your board members with any questions, comments, or suggestions. They are here to assist you in any way they can.

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**HAPPY HOLIDAYS AND BEST WISHES FOR A SAFE
AND PROSPEROUS NEW YEAR FROM THE EASTERN
GREAT LAKES REGION BOARD OF DIRECTORS!**