



# POST NOTES

The Society of American Military Engineers

Rock Island Post

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 Editor: Andrew Goodall (309) 794-5179  
 Andrew.j.goodall@usace.armymil

## June Meeting – Effective Management Strategies for a Healthy and Diverse Vegetation Community

Whether discussing urban forestry or lake ecology, the key to a healthy and diverse vegetation community is an effective management strategy. The ever-increasing presence of invasive species and urban development influences has made the implementation of these management strategies significantly more challenging in recent years.

In urban forestry, city planners utilize datasets created from temporal imagery to establish baseline statistics, determine canopy extent, and identify trends of tree health to make critical decisions for managing and maintaining a healthy urban forest. In terms of lake ecology, properly-timed flights with the Leica RCD30 multispectral sensor have demonstrated that aquatic plant populations can be mapped from the air on lakes where geo-referenced plant survey data is available.

The combination of high accuracy 4-band imagery and advanced image classification software has provided planners with spatial information to better confront these issues.

Zachary Nienow is a project manager at Ayres Associates, specializing in geospatial services from the Madison, WI, office. His work is focused on developing and delivering high resolution orthoimagery, lidar data, and other base mapping data to private and public clientele.

Mr. Nienow specializes in a wide range of digital sensors and platforms for collecting aerial imagery and other remotely-sensed data for topographic mapping, natural resource mapping, agronomy, forestry, and aquatic systems.

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- MEETING DATE:** Wednesday, June 19th
- LOCATION:** Quad City Botanical Center  
2525 4<sup>th</sup> Avenue, Rock Island, IL 61201
- AGENDA:** 1100-1130 Board Meeting  
1130-1200 Networking Period  
1200-1330 Business Brief, Lunch, and Speaker
- MENU:** BBQ Pulled Pork  
Green Bean Casserole  
Twice Baked Potatoes  
Assorted Salad, Dinner Rolls, and Beverage
- COST:** \$10 for Public Sector and Retirees, Per Person  
\$15 for Private Sector, Per Person  
All are Payable at the Door
- RESERVATIONS:** Please register by COB **Monday June 17<sup>th</sup>, 2013** at:  
<http://posts.same.org/rockisland/registration.htm>
- BUSINESS BRIEF:** URS Corporation

## **Additional Upcoming Events**

### **Secretary's Corner**

The Post Secretary encourages you to submit fellow SAME members for National Level awards and to write articles for the SAME magazine and other publications. The secretary can help send articles to SAME Headquarters. Send a copy of accomplishments, award information, and anything going for publication to the Secretary, [Dean.R.Cerny@usace.army.mil](mailto:Dean.R.Cerny@usace.army.mil)

### **SAME Scholarship Recipients**

Congratulations to all the scholarship recipients this year. The scholarship recipients and their parents will be present at the June 19<sup>th</sup> SAME meeting to receive their awards.

### **2013 SAME Great Lakes and Ohio Valley Joint Engineer Training Symposium**

What do Segway test rides, bowling and networking have in common? You guessed it, all these things are available on the opening night of the JETS and included in your Exhibit Hall Premiere registration! Participating in this event will be an excellent opportunity for checking out the JETS exhibitor booths, testing out a new mode of transportation, showing off your bowling skills and networking with other SAME members and JETS attendees. Please be sure to also register for the Exhibit Hall Premiere (Icebreaker) when registering for the JETS training conference.

Not sure what a Segway is? Information on the Segway can be found at: [www.segway.com](http://www.segway.com). The bowling networking mixer will take place at the adjacent historic Hotel Blackhawk immediately after the JETS exhibit hall closes for the evening. Information on bowling at the Hotel Blackhawk can be found here: [www.hotelblackhawk.com/sidebar-pages/blackhawk-bowl](http://www.hotelblackhawk.com/sidebar-pages/blackhawk-bowl).

The JETS Technical Program Committee has developed a great set of informative training sessions for the JETS that will be ready for release soon. Steve McCaskie and his committee have done a great job of developing the technical program and helping make the 2013 Great Lakes and Ohio Valley JETS a must-go-to SAME event in October. We are confident that the training presentations will catch your professional interest along with fulfilling your professional PDH and CEU requirements.

Roger Less is serving as the Chairperson of the 2013 conference, if you want to help with the conference, please let Roger know at [roger.a.less@usace.army.mil](mailto:roger.a.less@usace.army.mil).

### 2013 SAME Events Calendar

To add events to the calendar, email Dean Cerny at [Dean.R.Cerny@usace.army.mil](mailto:Dean.R.Cerny@usace.army.mil)

Friday, January 18 5:30 PM	Installation of Officers	Tom Heinold <a href="mailto:Thomas.D.Heinold@usace.army.mil">Thomas.D.Heinold@usace.army.mil</a>
January 24-26	Post Leaders Workshop — Glendale, AZ	<a href="http://www.same.org">www.same.org</a>
Wednesday, February 20	QCESC Dinner	<a href="http://www.qcesc.org">www.qcesc.org</a>
Thursday, March 14 11:30 AM	Missouri River Levee Emergency Repairs — “The Journey”	Dean Cerny, 563-386-0572 <a href="mailto:Dean.R.Cerny@usace.army.mil">Dean.R.Cerny@usace.army.mil</a>
Thursday, April 11 11:30 AM	Joint Meeting with ASCE	Dean Cerny, 563-386-0572 <a href="mailto:Dean.R.Cerny@usace.army.mil">Dean.R.Cerny@usace.army.mil</a>
Thursday, May 9 11:30	Regular Meeting	Dean Cerny, 563-386-0572 <a href="mailto:Dean.R.Cerny@usace.army.mil">Dean.R.Cerny@usace.army.mil</a>
May 21-24	Joint Engineer Education & Training Conference & Expo, San Diego, CA	<a href="http://www.same.org">www.same.org</a>
Wednesday, June 19 11:30 AM	Regular Meeting	Dean Cerny, 563-386-0572 <a href="mailto:Dean.R.Cerny@usace.army.mil">Dean.R.Cerny@usace.army.mil</a>
Thursday, July 11 11:30 AM	Regular Meeting	Dean Cerny, 563-386-0572 <a href="mailto:Dean.R.Cerny@usace.army.mil">Dean.R.Cerny@usace.army.mil</a>
August 23	Scholarship Golf Outing	Heather Day, Stanley Consultants <a href="mailto:DayHeather@stanleygroup.com">DayHeather@stanleygroup.com</a>
August	X-Stream River Clean-up	TBD
Thursday, September 12 11:30 AM	Regular Meeting	Dean Cerny, 563-386-0572 <a href="mailto:Dean.R.Cerny@usace.army.mil">Dean.R.Cerny@usace.army.mil</a>
October 16-18	2013 Great Lakes and Ohio Valley JETS Davenport, IA	Roger Less <a href="mailto:Roger.A.Less@usace.army.mil">Roger.A.Less@usace.army.mil</a>
Thursday, November 14 11:30 AM	National Security Meeting	Cory Haberman <a href="mailto:Cory.J.Haberman@usace.army.mil">Cory.J.Haberman@usace.army.mil</a>
Wednesday, December 11, 11:30 AM	Regular Meeting	Dean Cerny, 563-386-0572 <a href="mailto:Dean.R.Cerny@usace.army.mil">Dean.R.Cerny@usace.army.mil</a>