



SUSTAINING MEMBERS:

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American Testing Inc.
ARCADIS, U.S., Inc
Ayres Associates
Barr Engineering Co.
Bergmann Associates
Black & Veatch Special Projects Corp.
Cardno, Inc.
Caterpillar, Inc.
CDM Smith
Christopher B. Burke Engineering, Ltd.
Continental Mapping Consultants, Inc.
CPM Cathodic Protection Management
Foth
Hanson Professional Service Inc.
HDR
HNTB
HR Green Inc
Jacobs
KBR N. American Government & Defense
Kirkham Michael
KJWW Engineering Consultants PC
LT Leon Associates, Inc.
Missman, Inc.
MWH
Prairie Engineers of Illinois
Professional Services Industries Inc.
SEH
Shive-Hattery Inc.
Siemens Industries Inc
Snyder & Associates, Inc.
Stanley Consultants Inc.
Stantec, Inc.
Terra Technologies, Inc
Terracon Consultants, Inc.
URS Corporation
V3 Companies
W.F. Baird & Associates Ltd.
Weston Solutions, Inc.
Wills Burke Kelsey Associates, LTD

June Meeting

Maple River Aqueduct – Detailed Hydraulic Modeling

The U.S. Army Corps of Engineers completed a feasibility study to develop, evaluate, and compare flood risk management alternatives for the Red River of the North around the Fargo-Moorhead Metropolitan area. The selected plan is a diversion of the Red River to the west of Fargo. Detailed hydraulic design of the selected diversion and its associated structures is now progressing and will lead to plans and specifications. The location where the Maple River crosses the diversion includes an aqueduct, spillway, and channel realignment causing complex hydraulic conditions. HDR has been working with the Corps to model the crossing to further develop hydraulic design criteria. The result of the detailed modeling yielded structure type, optimization of the aqueduct sub-structure design, and spillway design.

Andrew McCoy, Ph.D. is a senior water resources engineer and numerical modeler, with more than 15 years of experience using computational hydraulics to complete evaluations involving dams, spillways, and levees among many others. He has led numerical modeling studies for clients with complex flooding concerns and transportation clients with complex bridge configurations - optimizing bridge openings and reducing flood levels upstream as well as considering channel stability. He is a recognized expert in solving civil engineering problems with numerical modeling, and has authored peer-reviewed journal articles and conference proceedings in these areas.

DATE: Wednesday, June 17th 2015
1130 Networking Period, 1200 Lunch and Speaker

LOCATION: Quad City Botanical Center, 2525 4th Avenue, Rock Island IL

MENU: BBQ Pulled Pork, Oriental Stir Fry, and Wild Rice Mix

COST: \$10 for Public sector and Retirees, \$15 for Private Sector

RESERVATIONS: Register by COB Monday June 15, 2015 at:
<http://posts.same.org/rockisland/registration.htm>

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2 nd Year	Roger Less
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1 st Year	Kevin Landwehr
1 st Year	Heather Day
NCO Director	Dominic Kempson
Young Member Director	Laura Rozumalski

POST NOTES is a publication of the Rock Island Post of the Society of American Military Engineers.

Editor: Riley Post
(309)794-5790
Riley.a.post@usace.army.mil



Rock Island Post Notes

A Note from the Post President

We're halfway through a great year so far and there are a lot of meetings, events and opportunities for STEM outreach and volunteering left in 2015!

We've had some great luncheon speakers over the last few months, but for some reason, attendance has been down. Our luncheon meetings are a great chance to pick up continuing education credits, have a nice lunch with fellow engineers, and hear about the latest engineering challenges and solutions facing our communities today. I encourage you to sign up for our June luncheon, enjoy some good food, network with other members, and learn about hydraulic modeling for the Maple River Aqueduct. We will also be presenting scholarships to some young future engineers, so please join us!

I also encourage you to join us for our Annual Scholarship Golf Outing in Muscatine on Thursday, August 6th. It's a great way to break up a work week, support the Post's scholarship program for our future engineers, and network with public-sector and private-sector people who are interested in supporting the national security mission. It doesn't matter if you're a golfer, just come on out and have some fun for a good cause!

In the past we have expended a great deal of effort and funds to get District Engineers from the region to come to the Quad Cities and give their District-specific briefings to our A/E community, who had to spend time and money to travel and attend. This year we're going to try a webinar! The Board's intent is to offer the same valuable information to the A/E community, but forego the travel. The date is set for Tuesday, August 11th, and we will be hearing from the Commanders of Rock Island, Chicago, Saint Paul, Saint Louis, Omaha, Kansas City, and Louisville Districts. There will still be opportunities for interaction between the private and public sector so save the date. We'll send more details when we get closer to the event.

Thanks to those Rock Island Post members who attended the National JETC in Houston last month. Gary Loss, Dominic Kempson, Jim Hagan, Mark Angelo and Heather Day were among them, and a handful of Rock Island Post members took to the stage to receive some well-deserved streamer awards. While some of our members were at the JETC, Mike Clarke represented the Post in a jointly sponsored reception for the Chief of Engineers, LTG Bostick, in Davenport. This stakeholder event saw Congressional office representatives, Corps of Engineers personnel, and stakeholders from The Nature Conservancy and the Quad Cities Chamber of Commerce gather to discuss some of the engineering, environmental, and infrastructure issues facing the nation.

As we go into the summer season, I'll also be compiling the results of the survey I offered to the membership during the winter and spring, so stay tuned... we're always striving to serve you better!

Essayons!

Tom Heinold

2015 President, Rock Island Post

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Rock Island Post members receive streamers at the National JETC in Houston, TX

2015 Scholarship Golf Outing

As a reminder, this year’s SAME Scholarship Golf Outing will held at Geneva Golf and Country Club in Muscatine, Iowa on Thursday, August 6th at 8:30 am. This event raises money for the Post’s Scholarship fund. Please contact Heather Day with questions.

2015 District Commander’s Briefing - August 11th

This year the Rock Island Post is going to try something new by hosting the District Commander’s Briefing as a webinar. This will help reduce costs but will also open the event to many people who otherwise wouldn’t be able to attend. The webinar is scheduled for August 11th. Please watch future “Post Notes” and your email for more information.

2015 JETC Presentations

For those who were unable to attend this years JETC in Houston, but are interested in the topics that were presented, many of the presentations from the event are available online. There is a very wide variety of topics that were covered and the material likely includes something that relates to everyone’s work or interests. The selected presentations are listed in the order they were given at the conference and can be accessed on the SAME website or through the link below.

<http://www.same.org/index.php/component/content/article/212-onsite-courses/1093-jetc-presentations>



Rock Island Post Notes

2015 Events Calendar

DATE	EVENT	SPEAKER OR CONTACT
Friday, January 16, 5:30 PM	Installation of Officers	Dominic Kempson, Tom Heinold
February 19-21	Post Leaders Workshop – Phoenix, AZ	www.same.org
February 20-21	Student Leaders Workshop – Phoenix, AZ	www.same.org
Thursday, Feb 26, 5 pm	QCESC Dinner	www.qcesc.org/Banquet/banquet.htm
February 28	Boy Scout Merit Badge Day	Roger Perk, 309-794-5227
Thursday, March 12 11:30 AM	Regular Meeting	
Thursday, April 9 11:30 AM	Joint Meeting with ASCE	P. Kay Whitlock Engineering Ethics
Thursday, May 7 11:30 AM	Regular Meeting	Brent Moeller Red Rock
May 19-22	Joint Engineer Education & Training Conference & Expo, Houston, TX	www.same.org
Wednesday, June 17 11:30 AM	Regular Meeting	Andy McCoy Maple River Aqueduct Detailed Modeling
June 21 - 27	U.S Army Eng & Construction Camp U.S Marine Corps Eng & Construction Camp	
June 25 - July 1	U.S Air Force Eng & Construction Camp	
Thursday, July 9 11:30 AM	Regular Meeting	John Kincaid Lockport Canal Project
August TBD	X-Stream River Clean-up	
Thursday, August 6 th 8:30 AM	Scholarship Golf Outing, Muscatine, IA	Heather Day, Stanley Consultants
Tuesday, August 11 th	Commander's Briefing Webinar	
Thursday, September 10 11:30 AM	Regular Meeting	Jedd Anderson In-Stream Construction and Bank Protection
October TBD	October Training Conference	Mike Ryan, mryan@hrgreen.com
Thursday, November 12 11:30 AM	Regular Meeting	Denny Lundberg INDC Update
Wednesday, December 16, 11:30 AM	Regular Meeting	Joe Bartletti The Hydro-Geomorphic Method for Landscape Conservation

To add events to the calendar, email Michael Tarpey at Michael.J.Tarpey@usace.army.mil

If you would like to have your announcement, reminder, or photo included in the upcoming edition of the Post Notes please provide your submission to Riley Post at riley.a.post@usace.army.mil by no later than the 25th of each month. Thanks.