



POST NOTES

The Society of American Military Engineers

Rock Island Post

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POST NOTES is a publication of the Rock Island Post of the Society of American Military Engineers.
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March Meeting: 'CAWS 21' Discovering the Potential of Separating Ecosystems

This month's presenter will be Paul Dierking. Mr. Dierking is Water Resources Section Manager for HDR's Chicago operations. He leads projects and staff across a variety of water and environmental related fields with a range of experience that includes the areas of floodplain management, watershed planning, and flood control facility design.

As a vision for the Chicago Area Waterway System (CAWS) for the 21st century, HDR is currently under contract with the Great Lakes Commission and the Great Lakes and St. Lawrence Cities Initiative to investigate and present three potential ecological separation scenarios that will effectively prevent the movement of aquatic invasive species (AIS) between the Great Lakes Basin and Mississippi River Basin. The specific study area is the CAWS that has five inter-basin connection points that must be considered. The placement of a physical barrier has the potential to impact transportation, storm water, flood control, and ecological. During the development of this study, impacts due to the potential placement of a physical barrier at various sites and the resulting mitigation to address those impacts are to be identified and evaluated, along with estimated costs. In addition to the potential impacts and mitigation measures, opportunities for system improvements will be assessed and associated benefits determined.

- MEETING DATE:** Thursday, 2012 March 8
- LOCATION:** Quad City Botanical Center 2525 4th Avenue
Rock Island, IL 61201
- AGENDA:** 1100-1130 Board Meeting
1130-1200 Networking Period
1200-1330 Business Brief, Lunch, and Speaker
- MENU:** Sweet and Sour Pork
Oriental Stir Fry Vegetables
Wild Rice Mix
Assorted Salads, Dinner Roll, 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 **Tuesday, March 6, 2012** at:
<http://posts.same.org/rockisland/registration.htm>
 As an alternate, please email Aaron Heidenreich at Aaron.L.Heidenreich@usace.army.mil or call at (309)-795-5315

Additional Upcoming Events

University of Iowa Student Chapter

The next meeting will held on March 6, 2012. Currently, speakers are needed for the March 6 and April 3 meetings. We are also looking for a chapter advisor from the Post, or a few dedicated folks who would like to share the role. If you or your company is interested in presenting at meetings, providing food and beverage sponsorships, or finding out more about the chapter advisor role, please contact Aaron Heidenreich at Aaron.L.Heidenreich@usace.army.mil or 309-794-5315.

SAME Rock Island Post Scholarships

The Society of American Military Engineers (SAME), Rock Island Post, has a scholarship trust fund to encourage and support talented students in their pursuit of careers in engineering and the physical sciences. For 2011, SAME is offering a combination of one-year and four-year scholarships to qualified students who are pursuing a baccalaureate degree in these fields.

One-year scholarships will be awarded at the \$1,000 level to a combination of graduating high school seniors and student members of the University of Iowa SAME Student Post. SAME will award the scholarships to the students who best fit the criteria. In selecting scholarship recipients, graduating high school seniors and University of Iowa SAME Student Post members will be ranked separately.

Four-year scholarships will be awarded at the \$4,000 level (\$1,000 per year for four years) to graduating high school seniors. The Post will award the scholarships to high school seniors who best fit the criteria. These scholarships are offered to graduating seniors from several local high schools in the Quad Cities Area.

The Rock Island Post shall determine the scholarship recipients in April based on **applications received by April 1, 2011**. Scholarships will be awarded at a SAME meeting, or at the school if time permits. For questions about scholarship opportunities, please contact Kevin Landwehr at (309) 794-5310, or e-mail Kevin.J.Landwehr@usace.army.mil. Additional application information is available at the Rock Island Post website: <http://posts.same.org/rockisland/scholarships.htm>

SAME Engineering and Construction Summer Camp

The SAME Rock Island Post will sponsor up to three high school students, (currently in grades nine through eleven), to an SAME Engineering and Construction Summer Camp. Sponsorship consists of paying the student's tuition and travel expenses. The U.S. Air Force Academy Camp will be held July 6-12, 2012 in Colorado Springs, CO, the U.S. Navy Seabees Camp will be held July 22-28, 2012 in Port Hueneme, CA and (new this year) the Marine Corps Camp will be held June 17-23, 2012 in Camp Lejeune, NC. Eligible candidates must have a minimum GPA of 3.5/4.0 and express an intent to pursue a degree in architecture, engineering or a related field. **Applications are due by March 16, 2012** to Lucie Sawyer. Additional application information is available at the Rock Island Post website: <http://posts.same.org/rockisland/camps.htm>

2012 USACE Midwest Regional Seminar – CANCELLED

Due to logistical constraints, the 18th Annual ACEC-Illinois/USACE Midwest Regional Conference on March 20th has been cancelled. The event will be rescheduled for later this year. We apologize for any inconvenience this may have caused. If you have any questions, please contact Sarah Kowalczyk at Sarah.Kowalczyk@usace.army.mil or 309-794-5812.

Other News

Rock Island Post to Host 2013 SAME Great Lakes and Ohio Valley Joint Engineer Training Symposium

To bring all up to speed, the 2012 Regional conference will be in August at Pittsburgh; and then Rock Island has its opportunity in 2013 to showcase the distinguished SAME post that we are. The conference dates will be Wednesday-Friday, October 16-18, 2013 with Thursday being the main day of the conference. The venue will be the Davenport River Center with lodging at the Radisson Quad City Plaza Hotel and newly renovated award-winning Hotel Blackhawk. These facilities represent a great location for an easily accessible and a cost-effective conference for both the Post and those participating in the event.

Roger Less will be serving as the Chairperson of the 2013 conference and he is currently recruiting volunteers to help with conference planning, development and hosting. All post members should have received an e-mail earlier this week from Roger. There are volunteer opportunities for senior members and junior members, private sector sustaining members and public sector governmental members, and no prior conference planning experience is required although if you have experience it will be greatly welcomed. If you want to help with the conference, please let Roger know at roger.a.less@usace.army.mil.

Please note, the SAME HQ's staff has recommended that regional conferences be renamed to "SAME Joint Engineer Training Symposiums". Thus, 2012 will be a transition year from regional conferences to engineer training symposiums and our 2013 event will be known as the Great Lakes and Ohio Valley SAME Joint Engineer Training Symposium (JETS).

Boy Scout Merit Badge Day

The SAME Boy Scout Engineering Merit Badge Day was held Saturday, February 25, 2012. The event was co-hosted by Davenport Public Works and saw attendance of 6 Boy Scout Troops. The article below appeared in the Quad City Times detailing the event.

Boy Scouts get 'spark of interest' while working to get badges Quad City Times; Quad Cities; February 25, 2012; Brian Wellner

Building circuits — and breaking them — was all part of the show Saturday for Iowa Quad-City area Boy Scouts at the Davenport Public Works Center.

The city's Public Works Department and the Rock Island Post of the Society of American Military Engineers hosted an engineering merit badge clinic for the Scouts. Troops 24, 37, 99, 103, 206 and 373 from Scott and Clinton counties participated in the activity that lasted from 9 a.m. to 3:30 p.m. Participation in the event helped Scouts earn their Engineering Merit Badge.

John Claeys, a city electrical inspector, demonstrated how electricity flows and the use of safe materials. "I'm showing how electrical engineering affects us in building trades," he said. He also displayed some newer equipment, receptacles and circuit breakers, saying that the technology has evolved over the years to become a lot safer.

The hosts' stated purpose in holding the event is to develop and support youth recognition of the need for engineering professionals. The Scouts had the opportunity to explore various engineering professions, from civil and traffic control engineering to electrical and structural engineering.

Attendees also had a chance to learn more about how the U.S. Army Corps of Engineers lock and dam system on the Mississippi River works and how the city of Davenport has been able to engineer better, more efficient and less costly flood protection practices.

"The Scouts are exploring what's out there," said Cody Manley of Davenport, an assistant scoutmaster for Troop 103. "Hopefully this will spark an interest in some of them."

http://qctimes.com/news/local/boy-scouts-get-spark-of-interest-while-working-to-get/article_c67399cc-6030-11e1-8246-001871e3ce6c.html

QCESC Dinner Recap

The Quad City Engineering and Science Council dinner was well attended and an enjoyable evening. SAME was well represented. There were several speakers, including Iowa Governor Terry Branstad and Lieutenant Governor Kim Reynolds. Both of whom have accepted our invitation to help us Celebrate STEM in the Quad Cities at our annual Engineers Week banquet along with Davenport Mayor Gluba, and Rock Island Mayor Pauley. Other notable attendees are Kim Findlay - President & CEO of Putnam Museum, Tara Barney, CEO - Quad Cities Chamber of Commerce, a Navy Captain from the Navy Region Midwest, and Camille Sloan Schroeder - Director of Engineering Recruitment and Community Outreach, Iowa State College of Engineering. Dean Cerny won the door prize and is thinking about giving it away at the March 8 SAME meeting. It is a PGA golf card with several valuable savings for golf courses in Iowa and the immediate Illinois area in the Quad Cities.

DRAFT - 2012 SAME Events Calendar - DRAFT

To add events to the calendar, email Dean Cerny at Dean.R.Cerny@usace.army.mil

Date and Time (if available)	Post Event Description	Event Information
Thursday, March 8 11:30 AM	Regular Meeting	Dean Cerny, 563-386-0572 Dean.R.Cerny@usace.army.mil
Thursday, April 12 11:30 AM	Joint Meeting with ASCE	Dean Cerny, 563-386-0572 Dean.R.Cerny@usace.army.mil
Thursday, May 17 11:30	Regular Meeting	Dean Cerny, 563-386-0572 Dean.R.Cerny@usace.army.mil
May 22-25	Joint Engineer Education & Training Conference & Expo	www.same.org
Thursday, June 7 11:30 AM	Regular Meeting	Dean Cerny, 563-386-0572 Dean.R.Cerny@usace.army.mil
Thursday, July 12 11:30 AM	Regular Meeting	Dean Cerny, 563-386-0572 Dean.R.Cerny@usace.army.mil
August 27-29	Great Lakes & Ohio Valley Regional Conference	Pittsburgh Post
August	Scholarship Golf Outing	TBD
August	X-Stream River Clean-up	TBD
Thursday, September 13 11:30 AM	Regular Meeting	Dean Cerny, 563-386-0572 Dean.R.Cerny@usace.army.mil
October	Joint SAME/ASCE Training Conference	Mike Ryan
Thursday, November 8 11:30 AM	National Security Meeting	TBD
Thursday, December 13 11:30 AM	Regular Meeting	Dean Cerny, 563-386-0572 Dean.R.Cerny@usace.army.mil