



POST NOTES

The Society of American Military Engineers

Rock Island Post

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- TriMatrix Laboratories Inc.
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- W. F. Baird & Associates
- WESTON Solutions Inc

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JULY MEETING: Building Information Modeling and Computer Aided Virtual Environment (BIM\CAVE®) for Lock Design.

The CAVE® is an advanced visualization solution that combines high-resolution stereoscopic projection technology and BIM derived 3-D computer graphics to create the illusion of a complete sense of presence in a virtual environment. The Army Research Development Engineering Center (ARDEC) installed a C4 CAVE® in their facility on Arsenal Island in February 2007. The CAVE® was primarily envisioned to support the Marines’ need for battlefield maintenance and forward base support. Earlier this year, ARDEC invited COL Robert Sinkler, Commander of the Rock Island District, to tour the facility. After the tour, District engineers began working with ARDEC staff, Bentley Systems and Iowa State University to import BIM derived models of the Upper Mississippi River Lock 22 into the C4 environment in support of Navigation and Ecosystem Sustainability Program (NESP).

Adam Ziegler of the Rock Island District will present on the District’s evolving use of the C4 CAVE® in the design applications associated with the UMR Lock 22 lock improvements. Mr. Ziegler is a 2002 University of Illinois Civil Engineering graduate. Adam has extensive experience working on the new 1,200-foot lock being considered at UMR Lock 22 near Saverton, Missouri. He is also the District’s BIM manager and was instrumental in spearheading the District’s efforts to utilize the CAVE® technology.

MEETING DATE: Thursday, July 12, 2007

LOCATION: The Quad Cities Botanical Center
2525 4th Ave
Rock Island, IL 61201

AGENDA: 11:00 Board Meeting
11:30 am Social Hour
12:00 pm Lunch and Program

COST: \$10/person

MENU: Chicken Kiev
Oriental Stir Fry Vegetables
Wild Rice Mix
Assorted Salads, Dinner Rolls, and Luncheon Beverage

RESERVATIONS: Contact Scott Bullock at scott.a.bullock@mvr02.usace.army.mil or 309.794.5579. Cost is \$10 and is payable at the door. Please sign up by COB Monday, July 10.

BUSINESS BRIEF: TriMatrix Laboratories, Inc.

POST NOTES is a publication of the Rock Island Post of the Society of American Military Engineers.
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June Meeting Summary – Dr. Michael Schwar, HNTB Corporation

Dr. Michael Schwar is a Principal Engineer of HNTB's Water Resources group in its Great Lakes Division. He presented the Milwaukee County Grounds Flood Management Project. Flooding in Milwaukee County in 1997, 1998 and 2000 has caused approximately \$96 million in flood damages to homes and businesses. The project consists of a side channel spillway diversion structure, 3,000 ft long and 17 ft diameter tunnel, outlet works and emergency spillway, which will reduce peak flood discharges from Underwood Creek to the Menomonee River.

Sustaining Member Companies

Heather Cross is organizing the student chapter meeting sponsorships for the 2007/2008 school year starting in August. Student chapter meeting sponsorships are \$100 and cover the cost of pizza at the monthly student meeting; the sustaining member sponsor is invited to present a business brief at the start of the meeting. There are slots open, please contact Heather Cross at crossheather@stanleygroup.com for more information.

Sustaining Member Briefings for 2007

If your company is interested in signing up for a sustaining member briefing for 2007, please contact the Post Executive Secretary, Dean Cerny at 563-386-0572 or by email at Dean.R.Cerny@USACE.army.mil. Sustaining member briefings are presentations held at regular luncheon meetings, usually scheduled before lunch that last 10 minutes. The presentations are a good opportunity for sustaining member firms to let the membership know what your company does and what type of projects you have accomplished. Sustaining Member Briefings are available for the following meetings: August 9th and December 13th.

SAME 2008 National Conference Update

Sustaining Member firms in the Minneapolis-Saint Paul Post and the Rock Island Post can now make reservations for Exhibit Booths. Registration flyers are available for downloading at the 2008 Conference Website: http://www.same-2008.org/Exhibitor_Sponsor_Info.htm

Members of the Sustainer Committee and the 2008 Planning Committee sold about 200 exhibitor booths and several event sponsorships for the 2008 conference at the 2007 conference in Philadelphia, this past May 1-4. If you want to get a booth or sponsorship while you still have a lot of choices, please follow the link above, or contact Heather Cross at CrossHeather@stanleygroup.com.

Volunteers will be needed to help execute the 2008 conference. Please look ahead and prepare to help pull off this event. Post members who are willing to help, please send your contact information to Chuck Spitzack at charles.p.spitzack@mvr02.usace.army.mil. Also, tell Chuck if you have a particular type of activity for which you want to volunteer.

News of Post Members

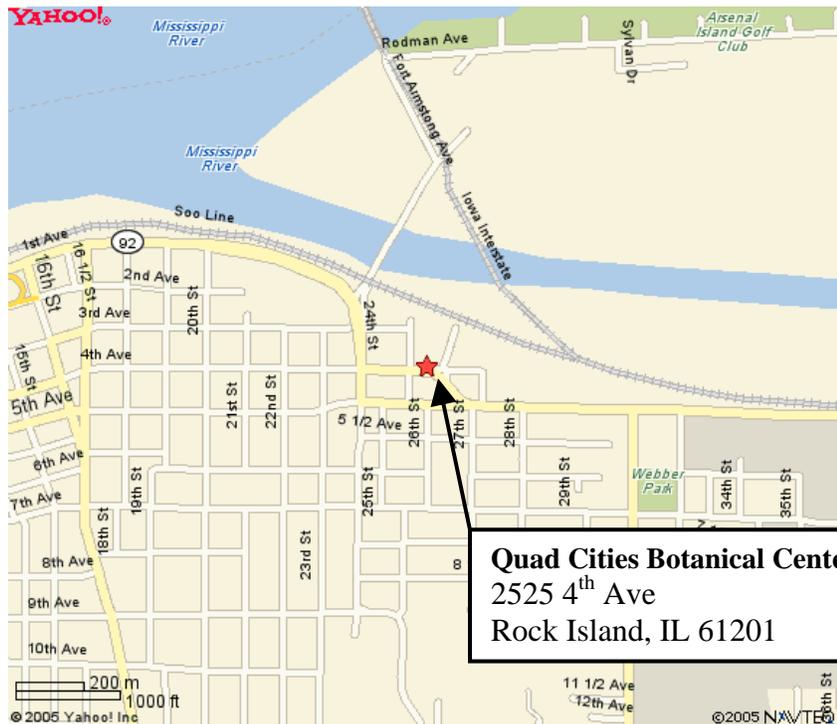
Scott Bullock, Rock Island District, was appointed through Direct Commission to 2nd Lieutenant in the US Army Engineer Officer Corps. He will continue serving the Rock Island District as a civilian while fulfilling his obligation as a 2nd Lieutenant at a local combat engineer reserve unit.

UPCOMING SAME EVENTS:

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

Date	Post Event Description	Event Information
Wednesday, June 13th	Milwaukee, Flood Reduction Project	Dean Cerny, Ph. 563-386-0572 email: Dean.R.Cerny@usace.army.mil
July 12th	Advanced Computer Modeling	Dean Cerny, Ph. 563-386-0572 email: Dean.R.Cerny@usace.army.mil
August 9th	Regular Meeting	Dean Cerny, Ph. 563-386-0572 email: Dean.R.Cerny@usace.army.mil
August 18th	X-Stream River Clean-up	Dave Bequeaith, Ph. 309-794-5270 email: David.A.Bequeaith@usace.army.mil
September 14th	Scholarship Golf Outing	Heather Cross, Ph 563.264.6779 Email: crossheather@stanleygroup.com
October 17th	Training Conference	Mike Ryan, Ph 319-841-4391 Email: mryan@hrgreen.com
November 8th	National Security Meeting	Dean Cerny, Ph. 563-386-0572 email: Dean.R.Cerny@usace.army.mil
December 13th	Regular Meeting	Dean Cerny, Ph. 563-386-0572 email: Dean.R.Cerny@usace.army.mil

Date	Other Events	Event Information
August 15-17	Ohio Valley & Great Lakes Regional Conference, Buffalo, New York	www.same.org



Quad Cities Botanical Center
2525 4th Ave
Rock Island, IL 61201