



POST NOTES

The Society of American Military Engineers

Rock Island Post

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April Meeting – Joint Meeting With ASCE:

The Fargo-Moorhead Diversion Project – Working for the local sponsors in collaboration with USACE

For decades the cities of Fargo, North Dakota, and Moorhead, Minnesota, have been plagued by flooding from the Red River of the North and its tributaries. As part of a team of consultants hired by the two cities, Barr worked with the USACE St. Paul District to develop and compare solutions to the problem—and provide relief to an area that, in the past 15 years, has experienced 6 of the 10 largest flood events since 1897. Expedited after the flood of record in 2009, the fast-track feasibility study for this large and complex undertaking was completed in just three years. The ultimate goal of the project is construction of a 36-mile-long diversion channel to direct floodwater around the Fargo-Moorhead metropolitan area. This presentation will summarize the main project features, share some lessons learned about the involvement of different stakeholders in defining the project configuration, and provide the perspective of an A/E firm working for the local sponsors in collaboration with the USACE. The presentation will also briefly highlight work on two unique project features: the Maple aqueduct and spillway structures, and the artificially constructed meandering low flow channel.

Miguel Wong holds a BS in civil engineering from the Pontifical Catholic University of Peru, an MS in hydraulic engineering from IHE-Delft (the Netherlands), and a PhD in civil engineering from the University of Minnesota. His expertise is in hydrologic and hydraulic modeling and design, river mechanics analysis and sediment transport modeling, environmental evaluations, water balance and water quality modeling using a probabilistic framework, and management of interdisciplinary teams working on large complex projects. His more recent work in flood-risk-reduction projects includes being the project manager/technical lead and erosion/sedimentation expert for the feasibility study of the Fargo-Moorhead diversion project, and being the quality management representative and erosion/sedimentation expert for the preliminary engineering report of the Mouse River flood-risk-reduction project.

- MEETING DATE:** Thursday, April 11th
- 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:** Baked Virginian Ham
Green Bean Almondine
Au Gratin 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 **Tuesday, April 9th, 2013** at:
<http://posts.same.org/rockisland/registration.htm>
- BUSINESS BRIEF:** ECO Constructors (Formerly soiltek of Mid-America)

Additional Upcoming Events

University of Iowa Student Post

The following post members will be presenting to the student chapter this spring:

- April - SEH (Mark Angelo) will present a project from their firm.

All meetings are at 6 pm and held in the Seamans Center at the University of Iowa. The room assignment is made in the two weeks before each meeting.

We will wind down the 2012/2013 school year with a pizza social at the Airliner in May. If anyone is interested in attending student meetings, please contact Heather Day at DayHeather@stanleygroup.com for time, date and location.

SAME Scholarships

For scholarship information, please visit the SAME Rock Island Post website at <http://posts.same.org/rockisland/scholarships.htm> the application deadline is April 1, 2013.

2013 SAME Great Lakes and Ohio Valley Joint Engineer Training Symposium

As you all are aware, the Rock Island Post is hosting this year's SAME Great Lakes and Ohio Valley Joint Engineer Training Symposium (JETS) in Davenport, Iowa in October 2013. Attached is a Call for Abstracts for presentations for the training sessions of the JETS. Please take advantage of this opportunity to help make the October 2013 JETS a successful event and also highlight one of your interesting projects to the JETS attendees.

The 2013 Joint SAME/ASCE Engineering Conference will be combined with the 2013 JETS. Please plan to attend.

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.

2013 SAME Events Calendar

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

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