



Nebraska Society of Professional Engineers

A state society of the National Society of Professional Engineers
Eastern Chapter

Summer 2011-2012

2011-2012

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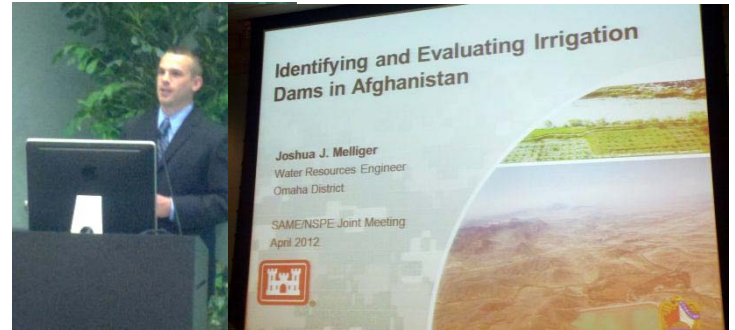
6 Months Free

NSPE Membership
applications may be
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www.nspenebraska.org

Re-establishing Afghanistan Irrigation

During the April joint SAME/NSPE meeting, Josh Melliger, USACE, presented on the irrigation evaluation and analysis of Afghanistan watersheds.

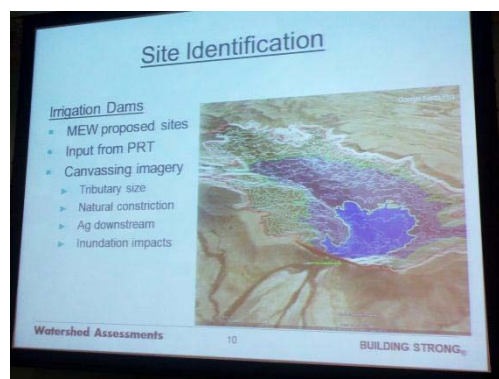


Josh Melliger, USACE, presenting on Afghanistan Watershed projects.

Josh noted the difficulty of getting accurate survey data due to the security concerns in the county. He also noted since much of the country relied on agriculture for their economy, supplying reliable irrigation and hydropower was critical.

Much of the project effort was identifying and evaluating potential dam sites, ranking them based on potential. The evaluation started with locating potential sites within a watershed that would be feasible and economical to develop.

Another aspect of the project included restoring existing dam sites to their post construction capacities. There is heavy silting that occurs in Afghanistan, so many dams had lost not only capacity, but hydropower capabilities.



Eastern Chapter Recognizes Award Winners

On May 22nd the Eastern Chapter held their annual Awards banquet and Election of Officers at the Scoot Conference Center. It was a well-attended event and several deserving individuals were recognized for their achievements.

Award winners included Justin Mohlman as Young Engineer of the Year, Dennis Wilson as Engineer of the Year, and Richard Niedergeses for the Distinguished Service Award.

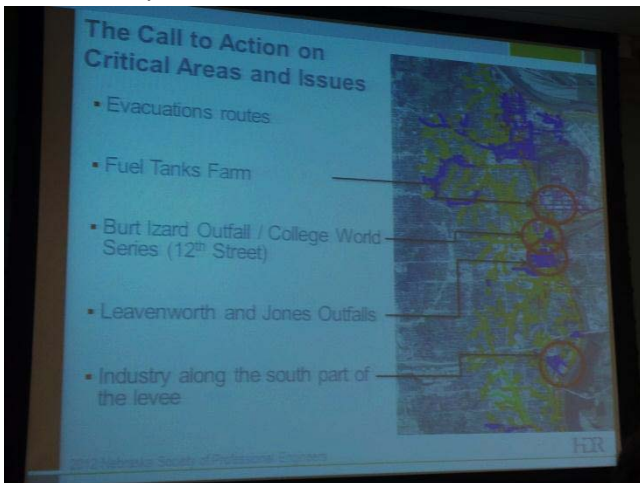


1st Photo: Steve McCullough – Awards Chair, Justin Mohlman – YEOY
2nd Photo: Dennis Wilson – EOY, Steve McCullough



3rd Photo: Steve McCullough, Richard Niedergeses – Distinguished Service

The Engineering Excellence Award was given to the 2011 Flood Support. The project focused on the modeling effort needed for preparing for the 2011 Missouri River flooding. A presentation by Jim Theiler with the City of Omaha, and Laurie CarretteZook with HDR, was given describing the success of the project.



Pictured: Jim Theiler, Laurie CarretteZook, and Steve McCullough.

Eastern Chapter Newsletter

Three Scholarships were announced at the luncheon as well, including two high school student winners, Cal Kachek and Morgan Duff. They will be attending the University of Nebraska-Lincoln. The Eastern Chapter also awarded a UNO scholarship to Laura Knapp.



Finally the new Eastern Chapter Officers were elected including Paul Vovk, President, Brock Beran, President Elect, and Matt Kruse, Vice President.

2012 Scholarship Winners. Pictured left to right: Laura Knapp, Cal Kachek, Brock Beran – Scholarships Chair, and Morgan Duff.