



### Quick Links

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### Upcoming Meetings:

- **Wed, June 25th**  
**Topic:** Barr Engineering's Small Business Mentorship Program
- **Thur, July 17th**  
29th Annual Golf Tourney

### Frequently Used Links:

- National website at [www.same.org](http://www.same.org)
- Post website at [www.same-msp.org](http://www.same-msp.org)
- Listing of [Post Leaders](#)
- Listing of [Post Sustaining Members](#)

### \*Note about PDHs:

To the best of our knowledge, this program meets the requirements of continuing education as outlined by the Minnesota Board of Registration and should count as 1.0 PDH or .1 CEU (or portion thereof as indicated in the announcement) of development towards required continuing education credits. Certificates will be distributed to those in attendance immediately following the seminar.

### Next Meeting Presentation

Wednesday, 28 May 2014

## Impacts and Recovery Along the North Shore Following the 2012 Flood

**Dan Schutte**

Lake County SWCD District Manager and Water Plan Coordinator

1-PDH

Joint Meeting with the MN Association of Flood Plain Managers

### Presentation Synopsis:

Dan's presentation will focus on the impacts of the June 2012 flood on the infrastructure and natural resources along Lake Superior's North Shore. He will discuss the unique landscape and the geomorphological characteristics of the North Shore that exacerbated the effects of this flood. He will also provide examples of projects that were administered to assist Lake County landowners with repairs. Several of these projects included in-stream hydrological controls dovetailed with flood repair projects. Finally, the importance of promoting and implementing landowner stormwater BMPs will be highlighted through examples of mass wasting events on the shore of Lake Superior that directly correlated to how landowners managed their stormwater.

### Speaker Bio:

Dan Schutte works as the Lake County SWCD District Manager and also serves as the Lake County Water Plan Coordinator. He holds Bachelor degrees in Biology and Environmental Science from Iowa State University and a Masters degree in Teaching and Learning from Colorado State University. From 2003 to 2005, Dan served as a beekeeping volunteer in the Peace Corps Paraguay program. After his service he co-directed a fundraising campaign with Birdlife International that led to the purchase and protection of 220 acres of Paraguayan rainforest. More recently, he has worked as an environmental education specialist at a K-6 elementary school, served on the Board for the Minnesota Association for Environmental Education, and worked as an education consultant for school districts around the state.

### Meeting Location:

Fort Snelling Officer's Club at 395 Minnesota 5, St Paul, MN 55111  
See map at [http://www.same-msp.org/\\_images/934thOfficersClub.jpg](http://www.same-msp.org/_images/934thOfficersClub.jpg)

### Agenda:

Social time and lunch (if you so desire) will be from 11:30 AM to 12:30 PM in the dining room of the Officers Club. Post Meeting and Presentation will be from 12:30 PM to about 1:30 PM in the ballroom of the Officers Club.

### Luncheon Menu, Cost, and RSVP Info: **RSVPs are required for this Joint Meeting**

The Club's cafeteria-style lunches are typically \$10.00 or less; people who partake in the cafeteria-style lunch will pay the Officers Club directly. If you come only for the presentations, there is no charge.

Please RSVP with your intent to either partake in the cafeteria-style lunch or to come for the presentation only; this will help the Officers Club staff to ensure that an adequate amount of food is prepared. Either leave a voice mail message with Ann Banitt at 651-290-5541, or click the RSVP button in the left-hand column, or send an email message to [ann.m.banitt@usace.army.mil](mailto:ann.m.banitt@usace.army.mil)

## Highlights of the Previous Meeting



The April Meeting started off with a presentation from one of the recipients of last year's Education Grant. Ms Deb Hibbard, a teacher at Williwow Lake Elementary School in White Bear Lake, along with two of her students, Ayla and Cami, were able to join us for the luncheon meeting and tell us how they used the grant in their school. Ms Hibbard explained that they were able to purchase a iPad minis for their science and technology program and use them to enhance a wide variety of their engineering-related curricula. Some of the projects that the iPads were used for was in designing sailboats that were then raced against each other in competition, for teaching the students in how to keep journals of their daily lessons, and for helping some of the students do additional assignments to help reinforce the technical concepts that they were learning. Ayla and Cami also mentioned that they used the iPads to record video of the sailboat preliminary competitions in order to help them refine and improve their designs for the final races. Ms Hibbard and the entire Williwow Lake Elementary School were very appreciative of the grant.



The primary presentation was given by Dr Terrance Hubert from the USGS Upper Midwest Environmental Sciences Center in La Crosse, WI. Dr Hubert provided extensive detail on the collaborative efforts that are underway to understand the extent of and ultimately how to control the invasive species known as Bighead Carp and Silver Carp. He explained that the goals of the USGS Bigheaded Carp Research program is to: develop management tools that can be used by a variety of agencies to monitor, control, and hopefully reduce the bigheaded carp; to build a framework of information and methodology that can be tailored and applied to control other invasive species; and to work toward direct transferability of the technologies that are developed to resource managers in other agencies and organizations.

At present, the Integrated Pest Management program that is being developed and implemented consist of the following facets: early detection of spawning and foraging sites; development and monitoring of various physical barrier strategies such as seismic (water gun) technology, carbon dioxide, ozone, and acoustic sound barriers; and development and monitoring of targeted delivery systems for potential control agents.

Additional detailed information about the various research efforts underway at the USGS Upper Midwest Environmental Sciences Center can be found at [http://www.umesc.usgs.gov/aquatic\\_invasives\\_team.html](http://www.umesc.usgs.gov/aquatic_invasives_team.html).

## Winners of the Drawing for a Free Lunch

- |                          |                                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------------------------|
| At the April Meeting —   | <b>Mike Noonan</b> , Portable Barge Service<br><b>Bonnie Greenleaf</b> , US Army Corps of Engineers |
| At the March Meeting —   | <b>Karen Wieneri</b> , Mead & Hunt<br><b>Darly Zuelke</b> , EnviroScience                           |
| At the February Meeting— | No Drawing                                                                                          |
| At the January Meeting — | <b>Roger Clay</b> , Sustainable Water Group PLLC<br><b>Perry Ryan</b> , Burns & McDonnell           |

## Volunteers for Post Committees and Nominations for Post Officers

It's that time of year again, when we put out the call for a few dedicated Post members who would like to volunteer to help guide and administratively run the Post. Without the help of the dozen or so people that help out, mostly behind the scenes, our Post would not be the high quality Post that it is. Our goal always has been to bring into the leadership roles a few new people each year so that we can avoid having too large of a turnover in any one particular year.

The roles that we really need to have filled as soon as possible are:

- Someone to be the Newsletter editor and publisher (familiarity with MS Publisher is desirable)
- Someone to collect the monthly meeting RSVPs and coordinate our PDH program/tracking
- Someone to be the MFESTS Liaison for the Post (attend quarterly meeting with the MFESTS group)

The Post Officer positions that we will be seeking nominations for are:

- Vice President (typically a past Director), a one-year position that typically leads to the role of President.
- Director at Large (two positions to be filled), a two-year position. Typically one Director comes from the Sustaining Member group of members and one Director comes from the Individual or Public Agency group of members.
- Several Special Directors for focus-areas as Young Members Activities, Fellows-Mentoring Activities, and NCO Activities.
- Young Member Vice-President
- Treasurer
- Secretary

If you are interested in helping the Post continue its excellent track record for providing meaningful activities and value for its members, we would be interested in hearing from you. Please contact Past Post President Rick Femrite at [richard.h.femrite@usace.army.mil](mailto:richard.h.femrite@usace.army.mil) or 651-290-5550 prior to May 16th.

## Mark the Date for the Annual Golf Tourney



The date of this year's **29th Annual Education and Mentoring Fund Golf Tournament** will be Thursday, July 17th at Oak Marsh Golf Course. Please mark your calendars and start rounding up a foursome. More information regarding cost and contact info will be provided next month. In the mean time, if you would like to help us with this event, please contact Tim Thoreen at 651-659-7777 or [tthoreen@hrgreen.com](mailto:tthoreen@hrgreen.com).

SOCIETY OF  
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MILITARY  
ENGINEERS  
MINNEAPOLIS-  
SAINT PAUL POST

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St. Paul District  
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St. Paul, MN 55101

Disa Wahlstrand,  
Post President

wahlstrandd@ayresassociates.com

## Call for Abstracts



**Joint Engineer Training Symposium (JETS)**  
Louisville, KY 19 - 21 November 2014

The Kentuckiana Post of the Society of American Military Engineers invites you to submit a presentation abstract for the 2014 Great Lakes and Ohio Valley Joint Engineer Training Symposium (JETS). JETS provides great opportunities for technical training and networking with potential private sector partners and federal officials.

Our theme is "Bridges to the Future". We welcome abstracts on the following topics:

- Sustainability initiatives, especially for existing facilities
- Technological advances for next generation projects
- New approaches in civil works projects
- Infrastructure for the future

All abstracts shall include the following information:

- Title of the presentation
- Description of the presentation (50 words or less)
- One page summary of the presentation
- Duration of the presentation: 45 or 60 minutes
- Name, title, and employer of presenter(s)
- Biographic summary of presenter(s) - (150 words or less)

**All abstracts must be submitted by 18 May 14.** Presenters will be expected to submit their full, final presentation two weeks prior to the symposium. Please submit your abstract and direct questions to:

Rosemary Gilbertson, PE  
[Rosemary.gilbertson@usace.army.mil](mailto:Rosemary.gilbertson@usace.army.mil)  
502-315-6500

For more information visit [www.posts.same.org/kentuckiana/](http://www.posts.same.org/kentuckiana/)

[www.same-msp.org](http://www.same-msp.org)