



Quick Links

[RSVP](#) for the next Post Meeting and Presentation

[Unsubscribe](#) to the monthly newsletter

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Inside this issue:

- [Highlights of the Previous Meeting](#)
- [Future Cities Competition](#)
- [MFESTS Board Meeting](#)
- [Save the Date for 2014-2015 Explore Engineering and Habitat for Humanity](#)
- [Engineering and Construction Camps—Volunteers Needed!](#)

Upcoming Meetings:

- **Thurs, February 26th with UST**
- **Wed, March 25th**
- **Wed, April 22nd**

Frequently Used Links:

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

Next Meeting Presentation

Wednesday, 28 January 2015

Reducing Flood Risk by Building Partnerships

Terry R. Zien, P.E., CFM
Civil Engineer

1/2-PDH

Presentation Synopsis:

The Silver Jackets program provides a strategy for planning and implementing measures to reduce risks of flooding and other natural hazards. In this meeting, we will discuss how the Silver Jackets program is being used in Minnesota, North Dakota, and Wisconsin. We will go in depth to discuss the technical aspects of the currently ongoing pilot projects including: Flood Inundation Mapping for the Mississippi River at St. Paul, Souris River Basin Hydromet Network Analysis, Emergency Action Plan Template Document, Mapping Undocumented Levees Using GIS, Decision Tools for Zoning in Bluff Erosion Areas, and the Pre-Flood Information Package Development Study. The meeting will also touch on the interagency response to the flood of June 2012, development of the MN All Hazards Plans (2011 and 2014) for FEMA, and State Level FEME Risk MAP Meetings.

Speaker Bio:

Terry Zien is a Civil Engineer, worked at a consulting firm for 3 years (1985-1988), worked at the St. Paul District of USACE since May 1988 (26+ years) in Design, Hydrology, Hydraulics, and Programs and Project Management. He is currently the Program Manager for Planning Assistance to States and Flood Plain Management Services, FRM, and the Silver Jackets Coordinator for MN, WI, and co-coordinator for ND. He is an adjunct employee to Emergency Management as needed for flood reconnaissance, State EOC liaison, and the St. Paul District Temporary Housing team. Mr. Zien is also the Project Manager for the National Committee on Levee Safety out of HQ USACE. He has a BS degree in Geology, U of MN, 1983, and a MS degree in Civil Engineering (Hydrology and Hydraulics/St. Anthony Falls Hydraulic Lab), U of MN, 1985. Mr. Zien is a Licensed Professional Engineer in MN since 1991 and has been a Certified Floodplain Manager (CFM) since May 2012. Mr. Zien was recognized as the USACE Silver Jackets Coordinator of the year in 2014.

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

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 2:00 PM in the ballroom of the Officers Club.

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 message with Michelle Larson at **651-290-5632**, click the RSVP button in the left-hand column of page 1, or send an email to Michelle.J.Larson@usace.army.mil

Highlights of the Previous Meeting

During the MSP-SAME post's December Meeting, Kristine Kubes, Esq from Kubes Law Office, PLLCC, provided a 2-hour presentation on Ethics. New requirements for professional registration for the State of Minnesota requires 2 hours of ethics training during the 2-year renewal period. Kristine has her law office in Minneapolis, and she concentrates her work on professional liability defense/litigation and proactive construction counseling, which involves addressing and cooperatively resolving project management, risk management, and payment issues. Kristine to serve as a public member on the MN State Board of AELSLAGID for 8 years.



She reviewed the AELSLAGID Board's role as Minnesota's licensing agency in protecting the health, safety and welfare of the public. The board's efforts in licensure and continuing education help to assure competent practitioners, and the authority to discipline those who offend the rules of the licensing board. Rules available at Board web site: www.aelslagid.state.mn.us

Kristine's presentation focused on the responsibility of licensed professional to hold paramount the ethics and professional responsibility to enhance the honor, reputation of the profession. The registered professional should only be practicing in the area that they have appropriate levels of training and knowledge of professional responsibility.

Kristine provided the following bullets on what engineers can practice in Minnesota: (1) Only those who hold a license can practice or offer to practice in MN (Minn. Stat. § 326.02, subd. 1) (2) If licensed in another state, must apply to MN and meet all statutory requirements. (Minn. Stat. § 326.10) (3) If not licensed, must work under the direct supervision of a licensed professional in order to perform work that

requires a license (as defined in MN Statutes §§ 326.02- 326.15).

Abiding by the State Board rules and following ethical standards in the profession protects your business and your competitive edge. Kristine provided some thoughts on ethical risk management including: "Your licenses is your livelihood; Protect it." Be proactive in attending to issues, as they will likely not go away, but instead grow into a large problem that cannot be hidden. With regard to professional registration renewals, Kristine advised us to take the opportunity to review the Rules of Conduct when online to renew. Also, do not wait until the last minute to ensure your continuing education credits are earned.

Remember that ethical culture starts from the top down. Mentors and Leaders should set the standard, and guide emerging professionals with regard to ethics and professional responsibility.

Engineers and Technical Professionals Need to Help with Future City Competition



This will be the 13th year that teams from Minnesota have participated in the national Future Cities Competition and will be the 7th year that the SAME M-SP Post will be sponsoring a special award category for the team that best addresses "Readiness for Natural and Man-made Disasters". **Volunteers willing to help any of the following capacities are very much needed ...**

The M-SP Post needs the assistance of four volunteers on the morning of Saturday January 17, 2015 to help select the team to receive our special award. **If you are willing to help with this portion of the event, please contact M-SP Post Junior Vice President Peter Allen at peter.j.allen@urs.com.**

The organizers of the state competition are looking for engineers and technical professionals who are interested in being either a Mentor to a specific school team or a judge in one of the three judged events as described below. Mentors help students and educators better understand the practical applications of math and science as they work with students in the design of a future city. 5.0 PDHs of community service are awarded to all mentors whose teams complete the competition and are printed on the mentor's certificate of appreciation. Engineers in all fields are welcome. Just as cities need all types of engineers, so do our students. For complete details about mentoring see <http://www.futurecity.org/region/mentoring>. Volunteers are needed to help judge the various portions of this season's National Engineers Week Future City Competition (FCC). Volunteer judges are needed during the months of December and January. For complete details see <http://www.futurecity.org/region/volunteer-judge>. The competition is comprised of three judged parts: 1) Computer design & layout using SimCity software 2) A 700-1000 word essay on an assigned engineering-related topic 3) Building a table top scale model of a section of the city and a team oral presentation of their city and model

If you are interested in helping with any aspect of the state competition, send your contact info (name, company, work phone, work address, and email) to **Colleen Feller** at colleen.feller@metroecu.org or phone, **612-638-1511**.

December MFESTS Board Meeting

On December 11th, 2014, Jim Mosner (pictured on the left) was given a plaque by MFESTS "In recognition of over fifteen years of outstanding contributions and service to MFESTS" by The Minnesota Federation of Engineering, Science and Technology Societies.



December Lunch Winners

Congrats to **Aaron Mikonowicz**, USACE, and **Al Koniar**, USACE retired, on winning a free lunch to use at future SAME Meetings!

Save the Date!



We are **seeking volunteers for Habitat for Humanity** on Saturday, February 7th, 2015 and Saturday, March 7th, 2015. Both houses will be located in Brooklyn Park. ***If you'd like to volunteer, please contact Rebekah Hudson at rebekah.hudson@jedunn.com.***

Mark your calendars! The **2014-2015 Explore Engineering Event** will be held at Willow Lane Elementary in White Bear Lake on Thursday, April 9th, 2015 from 6:00 PM to 8:00 PM.

Volunteers Needed for Engineering and Construction Camps

SAME has three outstanding one-week Engineering and Construction Camps: the Air Force camp at the U.S. Air Force Academy, Colorado; the Marine Corps Camp at Camp Lejeune, North Carolina; and the Army Camp at Vicksburg, Mississippi. Efforts are underway to reestablish the Navy-Seabee Camp at Port Hueneme, California as a five-day Science, Technology, Engineering and Math (STEM) camp.

The STEM camp will be planned for 40 high school students. Development of a dynamic camp curriculum is underway. Due to the restrictions on outreach, the Navy cannot provide staffing for the camp as in previous years. Therefore, the ability of SAME to re-start the camp is dependent on SAME having volunteers perform all required camp staff duties, to include camp directors, operations, and mentors.

We are soliciting the following volunteers for the following SAME camps-all positions require individuals to be at the camp for the entire duration:

- * SAME-Air Force Engineering and Construction Camp, (June 25 - July 1) for 96 High School Students: 2 Operations Staff, 16 Mentors (SAME YM or NCO)
- * SAME-Marine Corps Engineering and Construction Camp, (June TBD) for 40 High School Students: 2 Operations Staff, 8 Mentors (SAME YM or NCO)
- * SAME-Navy STEM Camp, (July 21-25) for 40 High School Students: 1 Camp Director, 1 Head Mentor (SAME Fellow Preferred), 2 Operations Staff, 8 Mentors, 4 Squad Leaders (NCOs or Young Members)

Please respond with your potential interest to COL Kurt Ubbelohde, F.SAME, USA (Ret.), Chair, SAME Camp Committee at KFUbbelohde@leoadaly.com by December 5, 2014. We need firm commitments no later than April 1, 2015. Be a Leader — volunteer!

www.same-msp.org