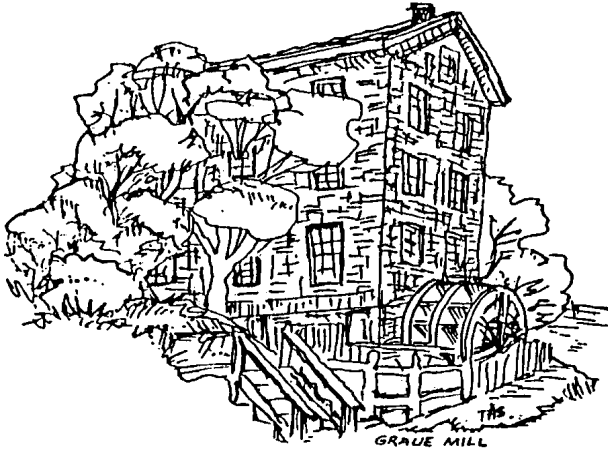




Illinois Society of Professional Engineers

A state society of the National Society of Professional Engineers



THE BRINE

ISPE-SALTCREEK.ORG

SALT CREEK CHAPTER

NOVEMBER 2017

VOLUME 44 ISSUE 2

SAVE THE DATES

November 15, 2017 ~

[Salt Creek Meeting](#)

December 1, 2017 ~

[1st Friday Webinar](#)

PRESIDENT'S MEMO

At last month's Chapter meeting we had a very good speaker, Stephen McCracken, who explained the efforts that his Salt Creek work group has been doing to help with the regulations that impact all the communities regarding treatment plant permits. This is a good example of a small technical group that has had a large impact on the local communities. Since we as a Chapter get involved with all sorts of different types of projects, we should be able to help Dan Grecco identify speakers and topics that would be both new and interesting to our existing Chapter members but also help provide topics that would encourage possible new members to attend our meetings. Please let Dan or myself know of any interesting speakers that you have encountered. *John Eisele, P.E.*

NOVEMBER MEETING

Topic: IKEA Bolingbrook – Illinois' LARGEST Rooftop Solar Array!

750 East Boughton Road
Bolingbrook, IL 60440
(MEET at 2nd floor CAFETERIA)

Wednesday, November 15th

6:30 pm - 8:30 pm

Cost: \$20 (scholarship donation)

Food and drink will be offered for purchase cafeteria-style!

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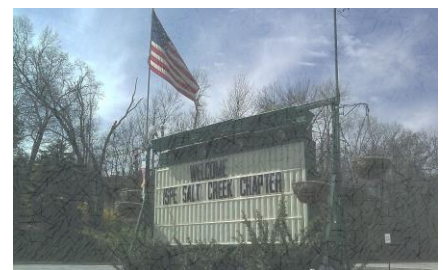
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Engineers Week Chair: Dirk Krueger
dirkrueger@comcast.net

Scholarship Chair: Rich Pocius
RichJPo@aol.com

IN THIS ISSUE...

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- 4 2018 NATIONAL E-WEEK



AND NOW, A WORD ABOUT OUR SPONSOR...

Bud Hurley received the Illinois Award, the highest award conferred by I.S.P.E., for his many years of service to the profession and to the society at the national, state, and chapter levels.

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The meeting of ISPE Salt Creek Chapter was held on September 27, 2017, at the Papa Passaro's restaurant in Westmont. The meeting was called to order at 7:30 pm. Attendance were thirteen PE members.

Minutes – A motion to approve the May 24, 2017 was mad by Cindy Gustafson and seconded by Dirk Krueger. The motion passed unanimously.

Treasurer's Report – No report.

Committee Reports

E-Week, Dirk Krueger reported that next year's event would be on February 24, 2018.

Mathcounts, Dan Grecco reported that the event would be on February 10, 2018 at the BP Facility in Naperville that was the location of last year's event. Last year there were about 160 students that attended.

Scholarship, Rich Pocius reported that he needs to start the notifications process for the schools in December.

Old Business

1. John Eisele said that the EC committee agreed that \$5 from each of the Chapter meeting costs to members would be set aside for the scholarship fund. The committee is working on a more permanent funding method for the scholarships. This will get us started.
2. John Eisele reviewed that at the awards breakfast in July, Gilbert Goodman received the Outstanding Chapter Member award. Dirk Krueger noted that the Order of the Engineer was awarded to Ruth Fink-Winter, Leo Moritz, Rich Bennett, and John Eisele.

New Business

1. John Eisele reviewed the possible alternatives for the full dinner at the Chapter meetings with the suggestions made at the EC meetings. The possibilities are a buffet dinner, lunch meetings, outings such as the Quarry event and political meetings with local candidates.
2. Dan Grecco introduces the speaker for the evening, Stephen McCracken, Director of Watershed Protection from the DuPage River salt Creek Workgroup

The main items presented are as follows:

1. The membership of the workgroup consists of waste treatment districts, IDOT and the Illinois toll way. 70% of the dues are from wastewater districts.
 2. The workgroup attempts to deal with the regulations that will be the most costly for members to implement.
 3. The goal is to improve stream quality and the best indicator of this is the improvement to aquatic life.
 4. The workgroup collects data on aquatic life in streams for both fish and insects.
 5. The state only looks at chemical variables that are difficult to correlate with stream improvement.
 6. The workgroup based on their models have recommended inexpensive stream projects that have had measurable aquatic life improvement.
 7. A stream buffer of about 100 feet wide has been shown to be ideal for the insect population that improves the fish population. This wide of a buffer is difficult to implement in most areas.
 8. Invasive plants must be removed from the stream bank to improve aquatic quality.
 9. The workgroup has been successful in providing models and project data to State Agencies regarding proposed permit changes for wastewater treatment plants.
- Meeting adjourned at 9:15 pm.

John Eisele, P.E.



ENGINEERS CREED

As a Professional Engineer, I dedicate my professional knowledge and skill to the advancement and betterment of human welfare.

I pledge to:

Give the utmost of performance.

Participate in none but honest enterprise.

Live and work according to the laws of man and the highest standards of professional conduct.

Place service before profit, the honor and standing of the profession before personal advantage and the public welfare above all other considerations.

In humility and with need of Divine Guidance, I make this pledge.



2018 NATIONAL ENGINEERS WEEK

The theme for the 2018 Engineers Week is “Engineers Inspiring Wonder.” Though you may not think of yourselves in such terms, many youngsters who attend the STEM EXPO at IIT are in awe of the things they see and the activities they participate in.

The national engineering website - <http://www.discovere.org> - has a lot of interesting information related to National Engineers Week, and getting youngsters, especially girls, interested in technical pursuits.

Engineers Week is February 18 - 24, 2018. The annual Engineers Week EXPO, now called STEM EXPO, at the Rice Campus of IIT in Wheaton will be Saturday, February 24, from 10:30 AM to 3:30 PM. This will be the 34th year that the Rice Campus has hosted the EXPO. Mark your calendars and plan to bring your children and grandchildren.

As is the past, the Salt Creek Chapter plans to participate at the EXPO at IIT. We can use all the help we can get, especially new volunteers with new ideas for grabbing the attention and interest of the youngsters we want to see enter STEM studies and careers. *Dirk Krueger, P.E., 2018 SCC EWeek Chair*