

THE ARIZONA CIVIL ENGINEER

Volume 93 Issue 4 - January 2018

A Message From the President

Fausto Burruel, MPA, PE, CPM, M.ASCE, President, ASCE Arizona

Hello Everyone!

Hopefully you had an opportunity to take some well-deserved time away during the holidays and are ready to face the New Year head on. With the beginning of 2018 we are provided an opportunity to reflect on last year's accomplishments while looking forward to fresh challenges and prospects. It's at this time of new beginnings that many develop goals or resolutions, perhaps carrying over some of last year's goals and establishing different ones. Say what you will about New Year's resolutions, but it's nice to challenge yourself and what better time than the start of the year.



I am happy to say the Arizona Section has accomplished one of our goals of finding a new Board member and ask that you join me in welcoming our new Treasurer, Karl Rockwell. Karl works for Maricopa County Department of Transportation in the Engineering Division and splits time between the Phoenix area and Prescott. He will be taking the reins from Thomas Nelson, who has been the Section Treasurer for almost three years. Thomas relocated to Connecticut in 2016 and has graciously continued his duties but has asked that we find a replacement so he may become active with his local ASCE Section. Please join me in thanking Thomas for all that he has done for our Section and don't worry, he plans to continue working with us as we transition between him and Karl.

A great opportunity to meet Karl and say thanks to Thomas is coming up as both will be attending the Workshop for Section, Branch, and Institute Leaders (WSBL) Conference in Las Vegas on January 12-13. If you have the chance to attend a WSBL conference I highly recommend it. It is a great venue to meet with our fellow ASCE Region 8 counterparts and also the ASCE groups in Region 9. The training is beneficial for those who want to learn more about ASCE and how our organization is structured and there are many leadership training opportunities as well. Another great benefit of this type of conference is the exchange of knowledge that occurs between the Sections, Branches, etc. Many of the struggles and challenges that we face are the same that other groups are facing, or already have, and they may have ideas that we can capitalize on or we may pass along knowledge to help out another group.

Another accomplishment that I would like to highlight is the Arizona Section was successful in obtaining a State Public Affairs Grant (SPAG) for \$2,500 to be used towards the update of our Infrastructure Report Card. I have discussed the update efforts in the past few newsletters so I won't go into it too much, but receiving the grant will help offset some costs. One snag that we have encountered in our update effort is we are having difficulty locating the documents from the 2015 Arizona Infrastructure Report Card that was saved on Society's database, but we are actively working with them to find the information. If you are reading this and have

documentation from the last report card, please contact the Section Board. Wrapping up this president's message, I look forward to the tests and trials that await us in the coming year. It's those accomplishments and failures that teach us the lessons we need to become better and grow, not only as engineers but as human beings.

Wishing everyone a great start to the New Year!

Upcoming Events

January

Phoenix Branch Award Nominations Due, January 6, 2018

Yuma Branch Luncheon, January 9, 2018

Phoenix Branch Luncheon, January 10, 2018

Northern Arizona Branch Luncheon, January 11, 2018

The Western Regional Younger Member Council, January 11-14, 2018

Region 8 & 9 Multi-Regional Leadership Conference, January 12-13, 2018

Workshop for Section, Branch, and Institute Leaders Conference, January 12-13, 2018

Phoenix Branch Future City Competition, January 20, 2018

Southern Arizona Branch Luncheon, January 24, 2018

Southern Arizona Branch Award Nominations Due, January 26, 2018

February

Phoenix Branch Luncheon, February 14, 2018

Southern Arizona Branch Mathcounts Competition, February 16, 2018

Southern Arizona Branch Engineers Week Banquet, February 20, 2018

[For more information visit the ASCE Arizona Calendar](#)

"Groundwater: To enact a law for the common good" Now Available Online

The compelling Kathleen Ferris and Michael Schiffer documentary chronicling the 1980 Groundwater Management Act, "Groundwater: To enact a law for the common good" is now available online.

Watch the Documentary and find out more by visiting the [Arizona Department of Water Resources](#).

Phoenix Branch News and Notes

Larry Hanson, PE, M.ASCE, Vice President, Phoenix Branch

Recap of the December Holiday Party

Approximately 70 attended the December 6 Holiday Party at Aunt Chilada's. Members of ACEC Arizona, ASCE EWRI, and ASHE Phoenix Sonoran also attended. Janice Burnett's photo titled "Bridge Engineering in Africa" was selected as outstanding graphic of those submitted by attendees. Janice is Executive Director of ACEC Arizona. Thank you to ASCE AZ Section Board members that attended. Also, a big thank you to GHD for providing some of the door prizes.

January Luncheon

Date: January 10, 2018

Location: Because-Space for Life, 3419 E. University Dr., Phoenix, AZ 85034

Time: 11:30AM - 1:00PM

Speaker: Keith Wood, PE, Project Manager with Central Arizona Project (CAP), and Jess Chism, Project Manager with Hartman Walsh Painting Company

The presentation will be an overview of relining of 12-foot diameter steel water piping and manifolds located between the CAP Mark Wilmer Pumping Plant and the entrance to the Buckskin Mountains.

For more information contact Rob Lyons at [480.222.5715](tel:480.222.5715)

[Advanced registration required](#)

ASCE High School Chapter

The Phoenix Branch is working with the Chandler Hamilton High School to establish an ASCE club at the high school. Immediate Past President Frederick Tack is currently leading this outreach effort. The High School Club meets every other Thursday. If you are interested in finding out more about this effort and/or would like to work with Frederick, please [email](#) him.

Branch Awards

The Phoenix Branch is [soliciting nominations](#) for the following awards:

[ASCE Phoenix Branch Government Civil Engineer](#)

[ASCE Phoenix Branch Project of the Year – Small and Large](#)

Nomination packets are due by January 6, 2018.

Leadership Opportunities in the Phoenix Branch

The Phoenix Branch leadership team currently has two openings – Outreach Chair and Social Media Chair. The anticipated time commitment is approximately two hours

per month. If you are interested, contact President [Rob Lyons](#).

Future City Competition

Call out for society judges for Future Cities! We're looking for volunteers to judge the 2017-2018 Future Cities Competition. Please contact [Stephanie Templeton](#) if you would like to join the team. Future City starts with a question - how can we make the world a better place? To answer it, 6th, 7th, and 8th grade students imagine, research, design, and build cities of the future that showcase their solution to a citywide sustainability issue. The 2017-2018 theme is The Age-Friendly City. This event is a one-day commitment, held Saturday, Jan 20th, 2018 at Paradise Valley High School. More details to follow. Hope you will join us as we listen to the engineers of the future share their ideas and presentations!



February Luncheon

Date: February 14, 2018

Location: Because-Space for Life, 3419 E. University Dr., Phoenix, AZ 85034

Time: 11:30AM - 1:00PM

Speaker: Ms. Kris Provenzano, Grand Canyon Program Manager for Water and Wastewater Infrastructure Rehabilitation, United States National Park Service

The Grand Canyon National Park's water system supplies drinking and utility water to over 6 million visitors and 2,500 permanent residents at the park. The single largest component of the water system is the water delivery pipeline from the Roaring Springs pump house to the Indian Garden pump house. This approximate 12.5-mile pipeline has been experiencing splits and breaks. The presentation will be an overview of the existing trans-canyon waterline, the preferred upgrade alternative, and the challenges of managing visitation and construction.

For more information contact Rob Lyons at 480.222.5715

[Advanced registration required](#)

Southern Arizona Branch News and Notes

ASCE Southern Arizona Branch



January Luncheon

Date: January 24, 2018

Location: Brother John's Beer, Bourbon & BBQ, 1801 N. Stone Ave, Tucson, AZ 85705

Time: 11:30 AM – 1:00 PM

Speaker: Ana Olivares, PE, Director, Pima County Department of Transportation

Ana will provide an update regarding the state of the streets in the unincorporated area of Pima County.

[Register here.](#)

Southern Arizona Engineers Week Awards Banquet 2018

The E-Week 2018 planning committee cordially invites you, your fellow colleagues, and your family members to join us in celebrating the 67th Anniversary of Engineers Week 2018.

Join us for an evening of celebrating the accomplishments of Engineers and Educators in Southern Arizona who make a world of difference!

[Visit for More Information or to Register.](#)

E-Week Nominations

E-Week nomination forms are [available](#) for the following awards:

[Educator of the Year](#)

[Engineer of the Year](#)

[Young Engineer of the Year](#)

These awards will be presented at the Southern Arizona Engineers Week Banquet on Tuesday, February 20, 2018.

Please Send Completed Form and Attachments to Tim Rhine by [email](#) or mail to: ASCE-SAB, PO Box 42551, Tucson, AZ 85733.

Forms must be received by January 26, 2018.

Mathcounts Competition

The Mathcounts competition is scheduled for Friday, February 16th at the JCC.

For more information or to volunteer to help at the competition, please contact [LuAnne](#).

Mathcounts Golf Tournament

The Mathcounts competition is scheduled for Friday, April 13, 2018.

For more information, please contact [Tim Rhine](#).

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