



Chapter [Newsletter](#) | [October, 2024](#)



president

Melissa Bowers, p.e., cpd - arcxis



September was a banner month for our chapter- the kickoff to the new ASPE Season. A big thank you goes out to Eric Gagnon, who helped set up a Mullet Arena tour on September 13th. Eric is a columnist this month – please check out his article in this newsletter as well. On September 17th, we kicked off the chapter meetings with a meeting that featured Mr. Jay Egg – speaking about heat recovery and geothermal topics. It was a great meeting, and we have a lot of great photos his daughter took and even some books to give out that Jay left our group. The books are meant for young children to learn about alternative forms of energy. He gave a lot of the books away at the meeting, but I was able to keep the rest. If you

want an awesome children's book for your children or grandchildren, ask for one at our new chapter meeting.

October will also be a jam-packed month. It starts off strong with our second meeting of the season. Please join us at Aunt Chilada's on October 15th. This will be about newer technologies for coating the inside of pipes instead of full-on repair. This is an interesting innovation. The house I grew up in on 7th Avenue here, the City of Phoenix was using this technology to repair the sanitary waste lines right outside of it. Anything beats getting out the old jackhammer to repair or replace utility lines in the street. My parents were amazed how easy it was for the contractors to use this in lieu of the old way to do the same repairs. Please check out the other newsletters for more information regarding this meeting.

As I write this newsletter article, we are 20 days away from the ASPE Biennial Convention and Exposition. If you go to the Convention and Exposition website, there is a countdown in days, hours and minutes. Check it out here: expo.aspe.org. I already have a lot on my personal agenda starting almost from the moment the group lands in Ohio on October 19th! There will be a lot of committee and region meetings before the Convention itself starts on Saturday morning. I know a lot of the past presidents of the society personally, and I will be attending their meeting to catch up on Saturday morning. The Convention meetings will go on Saturday and Sunday where we delegates will vote on society business as well as electing the new Society Board of Directors. On Saturday night, I am going to a President's reception hosted by Jim Zebrowski, PE (ASPE Current Society President) and his wife, and I am bringing Jessica with me as my guest for that event. On Sunday night, the ASPE Party will be a great way to kick off the Exposition part of the event. Nibco is hosting that party at the Center of Science and Industry. The Award Breakfast will be on Monday morning and the keynote speaker will open the Expo floor right after - the biggest product show put on for our industry. On Monday night, I will also be attending the Women of ASPE networking event put on by Peak Industries at the Lumin Sky Bar in Columbus. Monday night is also manufacturer party night, where us delegates and attendees can attend some of the most

awesome parties I have ever been to. My first Convention I attended in Charlotte in 2012, I had to excuse myself at 2am on Tuesday morning while others from our Chapter (Dorothy Thrasher – you know I love you!) were still partying at some of those events. On Tuesday, the Expo wraps up and technical sessions start (a great way to get CEUs as a PE and a CPD). There are a few society events on Tuesday night as well outside of the Exposition and tech session. Wednesday wraps up the entire event with more technical sessions in the morning and then we fly back as a group to Phoenix Wednesday evening. If you are attending the event, you can also now download the Android or Apple App for all the latest and greatest on the Convention on iTunes and Google Play. It is not to be missed. IF you are interested in attending the next one, the best way is to get involved on our chapter's board of directors.

To help us all have an awesome look for our chapter, we as a board elected to have some ASPE Phoenix Chapter polo shirts made, with a variation on the AZ state flag, the ASPE logo, and an American flag on the sleeve. I wore this shirt at the September meeting. All the board of directors now have these shirts. I include the pattern above at the start of this newsletter. The polos are a maroon polyester lightweight shirt (nice for when we have triple digit temps). If the chapter likes the look of those shirts, we will consider ordering them in bulk and selling them at the chapter meetings. Your feedback is appreciated – if you want a polo shirt and want us to sell them, let the board know. It would be easy to buy a bunch of various women's and men's sizes and sell them to the group (around \$40-50 per shirt) . Stay tuned for more information as the season progresses.

Lastly, I want to thank you all for your support of our chapter. The board of directors – you are all fantastic, I cannot overstate my love for each one of you and the dedication you show to this chapter and each of its members. All chapter members though - we cannot do what we do without every member, and you are all valued. Hope to see you October 15th! God Bless you all!

CARPE DIEM!

Melissa G Bowers
MBowers@arcxis.com



vice president, technical
jim delong - pir sales

Greetings ASPE Members,

Welcome to SUMMER 2.0. As we enjoy an extended summer weather pattern, lets talk topics. I challenge all Phoenix engineers to send me one topic for am upcoming ASPE presentation. We have seen low numbers of engineers attending meetings. How do we raise the numbers? This is for the Engineers, so lets hear from the Engineers. I would like to hear ideas and topics that interest you. Challenge me, to help you succeed. Topic, contact, and area of discussion. Let's make the Phoenix chapter strong and work together to succeed. Are you up for the challenge?

jimd@pirsales.com



vice president, legislative
jessica wozniak - mpsw

Greetings ASPE Friends and Family! This month the Phoenix Chapter wrote to the Phoenix Development Advisory Board to recommend the adoption of the Water Demand Calculator (WDC) developed by the International Association of Plumbing and Mechanical Officials (IAPMO), and urge others to follow suit. A copy of our letter follows; correspondence may be sent to krista.cambern@phoenix.gov

Attn: Phoenix Development Advisory Board
City of Phoenix Plan Review Staff

Re: Adoption of the Water Demand Use Calculator

To Whom It May Concern,

On behalf of the Phoenix Chapter of the American Society of Plumbing Engineers (ASPE), I urge the Building Department of the City of Phoenix to consider adopting for use the Water Demand Calculator (WDC) developed by the International Association of Plumbing and Mechanical Officials (IAPMO).

The Uniform Plumbing Code, the International Plumbing Code and the International Residential Code all still use standard fixture unit values developed in the 1940's with the notion of equating water fixture units to gallons per minute. In the 1940's, toilets and urinals were still using 5 gallons per flush, whereas today we are under a maximum allowable flow rate of 1.6 gallons per flush.

The WDC is the first major, peer-reviewed update of peak water demand sizing in buildings in over 80 years in response to the increased prevalence of low-flow fixtures in the United States and is the culmination of a multi-year project sponsored by IAPMO in collaboration with the University of Cincinnati and ASPE. Using the WDC to size water pipes results in:

- Construction cost savings due to smaller diameter pipes and fittings and less insulation material.
- Energy savings as a result of reduced sizing for source equipment and pump motors.

· Ongoing cost savings to occupants from water and energy savings.

· Reduced carbon emissions due to material savings and energy reductions.

· Reduced public health and safety risk, as well as improved water quality due to shorter water dwell times in plumbing systems.

Ten states have already adopted the WDC as an alternative water demand sizing method, including our neighbors in California, Nevada and New Mexico. We are confident that upon consideration, the Building Department will agree the adoption of the WDC promotes water and energy conservation as a more accurate standard sizing for sizing water supply piping.

Respectfully,

Jessica Wozniak

Vice President, Legislative
ASPE Phoenix Chapter

jessica.wozniak@mpsw.com



vice president, MEMBERSHIP
HOLLY BRUNS - MAINLINE SALES

Hello ASPE Family,

We had a great first meeting in September- full turn out – But as I was sitting back waiting for the presentation to begin, I noticed all my colleagues and friends within the industry sitting chatting, networking, eating and I realized 95% of the Sept meeting turn out were manufacturing representatives – a couple contractors- I counted approximately 6 Engineers from Firms and two of them are our ASPE Phoenix Board Members.

This saddens me as I will say, yes Manuf. Reps are important- we bring the product to the market-

But what are we missing on not getting all our Plumbing and Mechanical firms involved?

CEU's are required and important- ASPE Meetings cover this for all that are in need. Manufacturers representative

do not need these to continue to sell and proceed with our product lines that fit into your projects.

CEU's and EDUCATION- CODES ECT.

My request and this will continue until the end of the year- or how ever long we run it-

Contact a Board Member – first come first serve- We have all agreed on this.

We will buy your lunch for you- (manuf Rep not ASPE) one Engineer per Board Member. I challenge you to contact one of us and ask- hey I would like to attend the next ASPE Phoenix Lunch.

We need our Engineering community to get involved, discuss processes, codes, installations, specifications. This is put together for your benefit. Without you our buildings and communities and businesses would not exist.

Challenge ONE-

I find out who really reads these monthly ????
newsletters

Challenge Two –

Come have lunch on one of us- Be our guest - Be a part of ASPE Phoenix again

Thank you

Holly Bruns-VP Membership, ASPE Phoenix Chapter

hbruns@mlsalesinc.com



**CORRESPONDING SECRETARY
ERIC GAGNON - HENDERSON ENGINEERS**

On Friday Sept 13, the Phoenix ASPE chapter got a chance to go behind the scenes and tour the ASU Mullett Arena. Our host, General Manager, Amber Musgrave with OVG (Oak View Group), and Operations Manager, Craig Jankowski showed us both front of house and back of house for this facility. This facility was designed locally by Henderson Engineers for the M.P.E.F. systems with myself being the Lead Plumbing Designer on the project. Our local reps, PIR Sales, Renco Sales, Mechanical Room, High Peaks Water and Double A Sales Southwest gave support to our design efforts for this project. Our tour consisted of some little known facts about the arena and some of the changes during construction that allowed for NHL play in the arena. It was also mentioned that after each NHL game, the players and officials rate the quality of the ice. Mullett Arena consistently got the highest marks from them, confirming that this is a world-class facility. Being part of the design team and seeing the electricity of the fans on opening day and seeing all the excitement of our members touring the facility makes me proud to be part of this project and part of the Phoenix ASPE community.

eric.gagnon@hendersonengineers.com

NEXT CHAPTER MEETING

October 15, 2024

Aunt Chilada's Restaurant
7330 North Dreamy Draw Drive
Phoenix, AZ 85020

11:30 - Lunch and Social

Noon - Meeting Start

