

THE ARIZONA CIVIL ENGINEER

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A Message from the President

**Breanna Connolly, PE, M.ASCE,
ASCE AZ**

“Coming together is a beginning, staying together is progress and working together is success.” – Henry Ford

It’s hard to know what to say during these stressful times when there are no simple answers. In these times I think it’s important to listen to each other and work together to focus on caring, patience, understanding and possible solutions.

A big “Thank You” to those of you who participated in the ASCE Society election! Onward to the US Presidential Election. While it may seem far off, now is a great time to start educating yourself and to consider signing up for a mail in ballot. If you are like me, you don’t particularly enjoy long lines and crowded places and you may be surprised by some of the things you find on your ballot. Mail in ballots allow you time to review what or who you are voting for well in advance and conveniently pop your ballot in the mail or at your voting center when you are ready, up to 27 days before the election day.

If you are not already registered to vote, it is super easy to do on Arizona’s [ServiceArizona website](#),

the same place you go to get a new driver's license or vehicle registration renewal. When you register, you can decide if you want early voting ballots sent to you by mail by indicating you would like to be on the Permanent Early Voting List (PEVL). You must register at least 29 days before the election to be eligible to vote. The next opportunity to vote is the Primary Election on August 4, 2020 making the **deadline to register to vote July 6, 2020.**

If you are already registered to vote you may want to confirm your address is up to date, review your political party preference, permanent early voting status or other information. You can do all of this through the ServiceArizona links:

To check the [status of your voter registration, click here](#)

To [find your polling place, click here](#)

The General Election will be November 3, 2020. As part of this election you may find your ballot also includes more local, regularly-scheduled Mayor and Council Election options. The deadline to register to vote in the General Election is **October 5, 2020.**

Another election resource I found useful is the [Citizens Clean Elections Commission website](#).

In other news, I'm excited to announce the Arizona Section is moving forward with planning our Annual State Conference. The Conference is scheduled for October 19, 2020 and will be held at the Desert Willow Conference Center. More information will be sent as it is available. If you are interested in speaking at the conference, please contact [Larry Hanson](#) who is heading up our speaker committee.

Take care of yourselves and each other,
Breanna

A Message of Unity and Support from ASCE National

Greetings,

We are writing to share with you our personal sense of heartbreak and devastation at the events surrounding the death of Mr. George Floyd in Minneapolis. As we witness repeated episodes of violence perpetrated against people of color, it is impossible not to experience a deep sense of disbelief, grief and outrage. We are reaching out to you today to share the disappointment, grief and anger that we know you must also feel, but also to reaffirm our common resolve.

As civil engineers, we serve as expert advocates for the change needed to address some of society's great challenges—climate change, overcrowding and scarcity of resources, to name but a few. While the harms of racial injustice and inequity require multi-faceted solutions and cannot be solved by engineering alone, this does not make our knowledge and judgment less valid, nor our voices less critical, in charting a path forward.

As a community of global leaders dedicated to the safety, health and welfare of the public, ASCE is committed to maintaining the highest standards of integrity, fairness, dignity and respect for all. These tenets form the very foundation of our Society, embodied in our Code of Ethics that includes equitable and fair treatment of all persons as a fundamental canon. ASCE remains deeply committed to these principles.

Honoring our ethical commitment to protect the public welfare and provide equitable treatment to others, engineers must work collectively to establish a professional culture that is safe, respectful and inclusive to all.

As leaders in our local communities, our other social or civic organizations, and in society at large, engineers must play an active role in ensuring that others within our personal and professional sphere embrace those same principles of respect and equity. We urge all members of our professional community to stand up, speak out and take action against racism and injustice wherever it occurs. ASCE affirms its commitment to serve the profession and our members with the highest standards of integrity, fairness, dignity and respect. We will continue our work to promote concrete, strategic actions to prioritize and drive accountability around **diversity, equity and inclusion** within the civil engineering profession, making ASCE a trusting place to have complex and sometimes difficult conversations about diversity, equity and inclusion; providing best practices, leadership training, education and other diversity, equity and inclusion initiatives; and advancing the United Nations Sustainable Development Goals to reduce inequities and foster peace, justice and strong institutions.

We recognize that this commitment is not the comprehensive and complete answer.

While the engineering community continues to work to broaden opportunities in our profession, any advances to date are threatened if the fear of racial profiling or violence causes members of color to feel unsafe hanging out in the student lounge, entering a job site, speaking up, conducting a post-disaster inspection or even permitting their children to leave the house.

ASCE knows that together we can make a difference, and we are committed to standing up and leading globally by upholding the highest standards of integrity, fairness, dignity, and respect for everyone. Now is the time for us to come together as we serve together across the engineering community. Our work has never been more critical. Our concern for each other has never been more important.

Please feel free to share your thoughts or have a conversation on the subject. If you have any questions or would like to discuss, please do not hesitate to reach out to us anytime.

K.N. Gunalan, Ph.D., P.E., D.GE, F.ASCE
ASCE President 2020

Thomas W. Smith III, ENV SP, CAE, F.ASCE
Executive Director

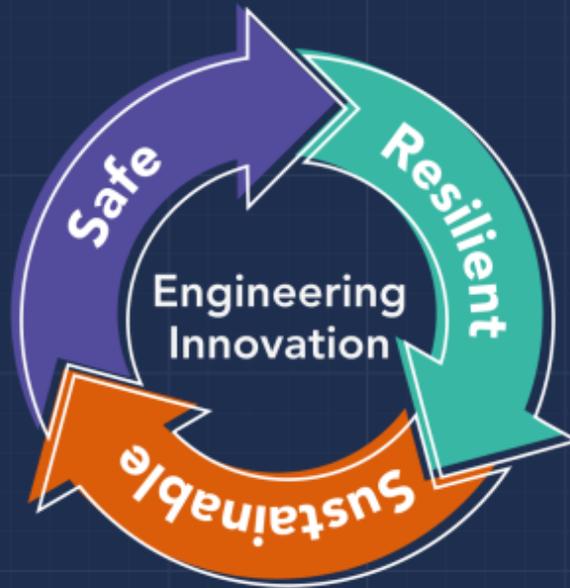
Yvette E. Pearson, Ph.D., P.E., F.ASCE
Chair, ASCE Members of Society Advancing an Inclusive Culture (MOSAIC)

Save the Date! 2020 ASCE/ASHE Annual State Conference

2020 ASCE/ASHE ANNUAL STATE CONFERENCE

ENGINEERING INNOVATION

Building a better quality of life by focusing on safe,
resilient and sustainable solutions



MONDAY OCTOBER 19, 2020

**SAVE
THE
DATE**

DESERT WILLOW CONFERENCE CENTER

4340 E Cotton Center Blvd
Phoenix, AZ 85040

Early Registration Ends SEPT 18TH

CLICK HERE TO REGISTER

Registration	7:00AM
Conference	7:30AM – 4:30PM
Reception	4:30PM – 6:30 PM

CLICK HERE TO BE A SPONSOR

CLICK HERE TO SUBMIT A PRESENTATION OR SUGGEST A TOPIC



2020 ASCE/ASHE Annual State Conference

Request for Presenters and Presentation Session Topics

2020 ASCE/ASHE CONFERENCE

Monday, October 19 ♦ Desert Willow Conference Center
Phoenix, Arizona

Presentation Session Subcommittee



June 9, 2020

RE: Request for Presenters and Presentation Session Topics

We invite you to contribute to the success of the conference as the ASCE/ASHE Conference Planning Committee launches the theme for the 2020 conference **Engineering Innovation – Building a Better Quality of Life by Focusing on Safe, Resilient, and Sustainable Solutions.**

While this theme offers guidance to assist with selecting topics to be presented at this year's conference, it certainly isn't exclusive. All topics related or offering benefit to the civil engineering industry will be considered. The presentations are delivered in multiple tracks and fall into the following categories:

<i>Structures</i>	<i>Transportation</i>	<i>Utilities</i>
<i>Water/Environmental</i>	<i>Geotechnical</i>	<i>Career Development</i>
<i>Sustainability/Resiliency</i>		



This will be an in-person conference. Please follow the link to submit a presentation or suggest a presentation topic/speaker.

[2020 ASCE ASHE Call For Presentations](#)

Submittal deadline is July 24, 2020. The conference planning committee will evaluate and select the presentations to be included in the 2020 conference. For presentations selected for the conference, the presenter will receive a 50% discount on their conference registration.

We look forward to your presentation ideas to be considered for the ASCE/ASHE 2020 Conference! If you have any questions, please don't hesitate to contact Larry Hanson, PE or Yvette LeDesma. Our contact Information is provided below.

Best Regards,

Larry Hanson, P.E.,
W: 480-231-4023
larryhanson-hansonconsulting@cox.net

Yvette LeDesma
W 602-437-7868
Yvette.ledesma@kiewit.com

Phoenix Branch News and Updates

June Luncheon: **Cancelled**

July Lunch With Phoenix Branch – Webinar
History and Future of Canals in Metro Phoenix

Date: July 8, 2020

Time: Noon to 1 PM

Overview: The presentation will include an overview of the history of canals, transition of the canals from an agrarian system to an urban system, how the canals have impacted development of infrastructure, sustainability and resilience of the canal system, and on-going development of canals into mixed-use facilities.

Speakers: Jim Duncan, Leah Harrison, and Byranna McHenry, all with SRP; and Tom Sands.

For more information contact Larry Hanson at 480.231.4023.

Advance registration required.

Request for Speakers for Phoenix Branch Sustainability Presentation

The Phoenix Branch is planning a presentation during the morning of August 27th, 2020 at the Maricopa County Department of Transportation in Phoenix. The presentation will be comprised of a series of 15 to 30 minute briefs on sustainable infrastructure. This year's theme will be life cycle assessment and engineering for a sustainable future with applicability to Arizona. If your organization would like to showcase its expertise to the attendees and present a brief, please email [Mike Naber](#), Sustainability Chair, Phoenix Branch or call (602) 542-0448.

Southern Arizona Branch - What's Happening?

Matt Flores, PE, M.ASCE, Vice President, Southern Arizona Branch

ASCE June Luncheon is Happening... and its Free!

Please join us online for a virtual presentation from

Kristian Watkins

Sr. Project Manager, Banner University Medical

Banner Update

Wednesday, June 17th @ Noon

[Register Here](#)

Scholarship Raffle During Virtual Luncheon

Due to the different format you must purchase a raffle ticket(s) at the time of your registration. Tickets are \$5 each and winner must be present at the time of the raffle (end of the online meeting). Thank you for your support!

Special Thanks to WSP for sponsoring the raffle this month.

10 Free PDHs

Have Extra Time These Days?

Take advantage of some free On-Demand Webinars through your ASCE Membership!

[Click Here](#)

A Way to Give Back

Calling for Donations for the Southwest Dine Bikeyah Native American Tribe

The Southwest Diné Bikéyah is currently experiencing a surge of Covid-19 cases. They currently have the highest per capita rate in the United States and very limited resources to fight the pandemic with. A Tucson based effort coordinated by local activists Rusty Ramirez and Angel Soto, in collaboration with Subspace Art Collective, have been gathering donations (items and monetary donations) and have rented trucks to make the first delivery this week to White Cone, AZ. The Southern Arizona Branch of ASCE is collecting supplies and cash donations for the Southwest Diné Bikéyah's Covid-19 response.

Items can be dropped off at the Regional Flood Control District (201 N Stone, 9th Floor, ATTN: Deirdre Brosnihan) and cash donations can be made via the link below. See the attached document for further details.

ASCE SAB PayPal Donation [Link](#)

Call for Donations for the Southwest Diné Bikéyah



The Southwest Diné Bikéyah is currently experiencing a surge of Covid-19 cases. They currently have the highest per capita rate in the United States and very limited resources to fight the pandemic with. A Tucson based effort coordinated by local activists Rusty Ramirez and Angel Soto, in collaboration with Subspace Art Collective, have been gathering donations (items and monetary donations) and have rented trucks to make the first delivery this week to White Cone, AZ.

The Southern Arizona Branch of ASCE is collecting supplies and cash donations for the Southwest Diné Bikéyah's Covid-19 response. Items can be dropped off at the Regional Flood Control District (201 N Stone, 9th Floor, ATTN: Deirdre Brosnihan) and cash donations can be made via the link below. The supplies needed include:

- **Food**
 - Water, Fruit Drinks, Fresh Fruit, Snack, Beans, Flour, Potatoes, Coffee, Sugar, Spam, and Canned Goods.
 - Pet Food, Hay & Feed for Livestock, and Food Seeds.
- **Essentials**
 - Personal Hygiene Items, Hand Soap, Sanitizers, Washboards, Laundry Supplies, Cloth Masks, and N95 Masks.
- **Fun**
 - Kid and Teen Chapter Books, Board Games, Arts & Craft Kits, Coloring Books, Crayons, and Baby Toys.

ASCE SAB PayPal Donation Link: <https://www.paypal.com/biz/fund?id=UXLLBQT5DJBZC>

Please drop off donated items or contribute online by 6/30/20. Donations will then be taken to one of the warehouse spaces in town that are currently volunteering to hold supplies for Rusty and Angel. A volunteer day may occur in June/July to help load trucks for their next trip to the Southwest Diné Bikéyah. Further information to follow.

Phoenix Branch YMF News

Andrew Moreno, PE, M.ASCE, President, Phoenix Branch YMF

2023 Western Regional Younger Member Conference - Volunteers Needed

Phoenix YMF is preparing a proposal to host the Western Region Younger Member Conference in 2023! We need volunteers to help produce a proposal video highlighting why Phoenix is the best choice to host the conference in 2023.

Also, we would like to gauge if anyone has any preliminary interest in heading a planning committee or being involved in a conference planning committee. See below for a list of committees:

Finance Committee
Agenda Committee
Registration Committee
Field Trip / Technical Tours Committee
Program Committee
Banquet Committee
Social Committee
Awards Committee
Website Committee
Pre-conference Networking Event Committee
Pre-conference Volunteer Event Committee
Transportation Committee

If you are interested in helping with the proposal video, planning committees, or if you have any questions please reach out to [Derek Smith](#).

ASCE Utility Engineering and Surveying Institute

An Arizona Chapter of the ASCE UESI has been established and is in the process of developing membership!

ASCE UTILITY ENGINEERING AND SURVEYING INSTITUTE

The Utility Engineering & Surveying Institute (UESI) offers professionals working within the Utility, Pipeline Engineering, and Surveying/Geomatics communities the opportunity to network with others and shape the future of the industry by participating in technical activities, conferences, and the development of internationally recognized standards.

WHAT IS UTILITY ENGINEERING?

"Utility Engineering is a branch of Civil Engineering that focuses on the planning, position, design, construction, operation, maintenance, and asset management of any and all utility systems, as well as the interaction between utility infrastructure and other civil infrastructure."

UESI provides its members with various activities to support their professional and technical growth:

Technical Conferences – Pipelines and the Surveying & Geomatics Conferences
Involvement in Technical Committees and UESI Chapters
Development of Standards

VISION

The Utility Engineering & Surveying Institute (UESI) is the worldwide leader in generating products and services that promote and reward excellence in the engineering, planning, design, construction, operations, and asset management, for utility infrastructure and engineering surveying.

WHAT IS ENGINEERING SURVEYING?

“Engineering Surveying as those activities involved in the planning and execution of surveys for the development, design, construction, operation and maintenance of civil and other engineered projects. Engineering surveying may be regarded as a specialty within the broader professional practice of engineering and includes all surveying activities required to support the conception, planning, design, construction, maintenance, and operation of engineered projects. Engineering surveying excludes the surveying of real property, for the establishment of land boundaries, rights of way, easements, and the dependent or independent surveys or resurveys of the public land survey system. ASCE believes that this definition should be adopted by state engineering licensing boards.” Reference [ASCE Policy Statement 333](#).

DIVISIONS

Pipeline - Advance pipeline engineering, relative to transmission of liquids, gases, or solids by pipelines.

Utility Risk Management - Provide leadership related to utility investigations, coordination, design, and data management and security.

Surveying and Geomatics - Provide leadership for the acquisition and management of spatial data, encourage the advancement of geomatics and professional development.

Asset Management - Advance and disseminate knowledge related to the holistic life-cycle asset management of utility infrastructure.

Standards - Responsible for identifying new topics for standards development and growing the overall UESI standards program.

GOALS

Provide a national and international forum for exchange of technical and professional ideas.

Identify and disseminate developing technologies and research.

Develop and promote asset management best practices.

Enhance collaboration with ASCE's technical, professional, and educational groups.

Develop partnerships with national and international organizations that are similar in nature to the Institute.

Identify, reduce, and manage uncertainty in surveying and utility infrastructure.

Assist in the development of associated public policy.

The UESI Strategic Plan details each goal and includes strategies. Download a copy [UESI Strategic Plan](#) (PDF).

JOIN THE CONVERSATION

Contact [Al Field](#); [Robert Ramsey](#); [Kent Groh](#); or [Ryan Kelly](#); for more information.

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 **ASCE** AMERICAN SOCIETY[®]
OF CIVIL ENGINEERS
