

THE ARIZONA CIVIL ENGINEER

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A Message from the President

As a professional organization the American Society of Civil Engineers represent Professional Engineer's interests for their members both nationally and internationally.

Many of these benefits that are easily recognized include regular local luncheons or happy hours, the opportunity to network, a wealth of continuing education material, a resource of experts in different fields of Engineering, among many other benefits. One other benefit that may not be as obvious is a political voice at both the local and national level.

What is ASCE doing for you from a political perspective? Locally, the AZ Section recently released the AZ Infrastructure Report Card. Many volunteers throughout the state, under the leadership of our Jose Aguilar (AZ Section President Elect), spent many hours researching Arizona's infrastructure and the condition it is in. The finished product has been used to reach out to lawmakers to communicate the need for investment in our state's infrastructure. In addition to this the society will be releasing an update to the National Infrastructure Report Card at the beginning of this month. This information will again be used as a tool to communicate to our federal legislators the importance of infrastructure spending at a national level.

During the first week of March ASCE is also planning its annual Legislative Fly-In to our nation's capital. As a result of COVID these events will be held virtually instead of ASCE volunteers flying into D.C. Again this event is a member benefit in that it provides each one of its members representation at the federal level. Not only does this event advocate for infrastructure funding, but it is also an opportunity to represent the Civil Engineering profession to our legislators, and elevate the importance of the professional work Engineers do on a daily basis.

Finally, your AZ Section leadership is also representing its members locally on legislation that may serve to impact the Engineering profession. Arizona Senate Bill 1062 has recently been reintroduced

and subsequently approved by the Arizona Senate. This bill proposes to change the definition of “Engineer”, “Engineering Practice”, and add a definition for “Professional Engineer”. While on the surface these new definitions may seem appropriate or even strengthen the definition, this new language would allow an unregistered “Engineer” to practice Engineering in the state of Arizona. From ASCE’s perspective this not only weakens the profession, but also has the potential to put the public’s health, safety and welfare at risk. As a member you should have recently received a “Call to Action” email on this bill. I encourage everyone to get involved in representing your opinion of this bill, and I guarantee that your state legislators are listening and paying attention. In addition to individual contact I am also scheduled to speak on this bill in front of the AZ House Commerce Committee on March 2nd when this bill will first be heard by the House. Should this bill pass this committee it will be critical that ASCE and its members reach out to all AZ House members if we intend to prevent the passage of this bill in its current form.

I have worked closely with many of the ASCE branch and section leaders recently, and I know there passion and desire to serve their members as best they can. If you have questions about any of these activities, current state legislation, or how you can become more involved please reach out to your local ASCE leadership. I know they would welcome your call or email, and I greatly appreciate their involvement and leadership.

Thank you,
Gary Miller
P.E., M.ASCE
ASCE Section President

Calendar of Events

March 2021

- 3/3-3/4 Legislative Fly-In - Virtual
- 3/4 SAB YMF PE Review Course Registration Deadline
- 3/24 PBYMF March General Meeting

Phoenix Branch News

Joseph Dietrick, PE, M.ASCE, Vice President, Phoenix Branch

On Wednesday, February 10, 2021, the Phoenix Branch of ASCE hosted a virtual luncheon meeting. Nancy Allen and Matthew Potzler provided a presentation on the City of Phoenix Climate Action Plan. The City of Phoenix is currently working to update its Climate Action Plan (CAP), which will serve as a long-term plan to reduce greenhouse gas (GHG) emissions from local operations and community activities as well as prepare for the impacts of climate change.

Nancy and Matthew explained that the CAP consists of two actions areas; Mitigation Actions and Adaption Actions. Mitigation Actions focus on the reducing the emissions of greenhouse gases from three sectors. The three sectors are the stationary energy sector, transportation sector and waste sector. In the Phoenix area the stationary energy sector and transportation sector are by far the largest contributors to greenhouse gases. Adaption Actions focus on resiliency. The resiliency goals

are geared towards air quality, local food systems, heat and water.

The city envisions a continual review, engagement, and revision process for climate action planning, using the best and latest data to guide this process, and continually improving the city's Pathway to Zero. At a minimum, these actions and plan will be reviewed every two years at the same time as the city updates its municipal operations and community-scale GHG- emissions inventories. Depending on the results of the inventories, the GHG emissions reduction pathway model will be revised. Based on the updated model and the continual input from the community and city departments, adjustments will be made to the plan to ensure that the city will achieve its goal of becoming a net-zero GHG- emissions city by 2050.

Additional information can be found at the [City of Phoenix's CAP website](#).

A recording of this presentation can be found on the Arizona Section website.

Southern Arizona Branch News



Arizona CADD Workshop & Invitational

The members of Arizona's ASCE Student Chapters are hosting a month-long event intended to develop and showcase the CADD talents of our student-members. The student's are in need of judges, prize sponsors, mentors, and hosts of mini-workshops. Please see the flyer below and reach out to each University's President for more information. We hope you can help make this a successful event!

[Click Here for Info](#)

Phoenix Branch YMF News

Cynthia Alvarez, PE, M.ASCE, President, Phoenix Branch YMF

Spring 2021 YMF PE Review Course - Registration Open Now!!

Registration for the Spring 2021 YMF PE Review Course is now open. New this year is an **updated practice exam** that is very similar to the actual PE exam! Given the pandemic, the classes this semester will be held in a virtual format. The presentations will still be live so students will be able to ask instructors questions in real time. Classes will not be recorded and available at a later date.

March General Meeting - Tuesday March 23, 2021

I-670 Hard Shoulder Running

The I-670 corridor in Columbus, Ohio, serves as the major artery connecting downtown to the John Glenn International Airport. To combat congestion on this crucial roadway, an Active Traffic Management Strategy called Hard Shoulder Running (HSR) was implemented. HSR is the temporary use of the shoulder to provide

The time of the classes will still be the typical Monday/Wednesday from 5:30PM - 8:30PM. Students will be emailed all class material before the respective classes.

The tentative class schedule, and additional class information is available [here](#). Online registration is available [here](#).

Please contact [Rudy](#) if you have any questions.

an additional lane of capacity during peak travel hours. Join us virtually on Tuesday, March 23 at 5 PM to hear Brian Toombs with Burgess & Niple present on the design and implementation of HSR.

Please click the link below to sign up. A meeting invite will be sent prior to the meeting: [Sign up here!](#)

Please contact [Shane](#) if you have any questions.

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