

# CIVIL SOURCE

## ASCE UTAH SECTION NEWSLETTER

MAY 2021 • ISSUE 10 • VOLUME 1



### IN THIS ISSUE

- TECHNICAL ARTICLE:  
EARTHQUAKE HAZARDS  
ALONG THE WASATCH FRONT  
- A SYNOPSIS FOR THE ASCE  
REPORT CARD
- BRANCH UPDATES
- 2021 ASCE NOMINATIONS
- REGION 8 GOVERNER  
UPDATE
- ANNOUNCEMENTS

### PRESIDENT'S MESSAGE

by Darren Burton, PE

Greetings to all who are reading this message. This month ASCE is holding elections. Several positions are being voted on at the societal, regional, and local levels. I encourage everyone to show their support for ASCE and the candidates by exercising your rights as a member to vote. There are still a few open positions including Section President-Elect and Section Treasurer-Elect. If you are interested in volunteering and serving within ASCE at the Section level, please reach out to me or anyone in the leadership. I have appreciated holding the position of President of the Utah Section this year. It has given me the opportunity to give back to a community and profession that has given so much to me. ASCE at most levels is completely run by volunteers. This year I have met so many of those dedicated and selfless volunteer leaders and members all across the Section. Thank you for making me feel welcome everywhere I have traveled, and on behalf of the Section, thank you for volunteering.

J. Darren Burton  
ASCE Utah Section President '20-'21

## HISTORY AND HERITAGE UPDATE

"By: Cody Palmer

"Science can amuse and fascinate us all, but it is engineering that changes the world." – Issa Asimov, American writer

The Utah ASCE History and Heritage Committee is highlighting each of the ASCE Landmarks located in Utah. The ASCE Landmark Program: "recognizes historically significant local, national, and international civil engineering projects, structures, and sites."

This month, we recognize the Zion Mount Carmel Tunnel & Highway. Located in Washington County, Utah, the tunnel and highway were built to create an accessway between Bryce Canyon and Grand Canyon in Zion National Park. The tunnel was carved through the sandstone rock and due to its location 6 cliff-face galleries were used to perform the work. The tunnel and highway system was dedicated on July 4, 1930. It is 5,613 feet long, it was the longest tunnel of its type. The tunnel is currently undergoing additional preservation/restoration

Please see the following websites for additional information:

<https://www.asce.org/project/zion-mt--carmel-tunnel---hwy/>

<https://www.nps.gov/zion/planyourvisit/the-zion-mount-carmel-tunnel.htm>

For all past ASCE officers/leaders, if you have ASCE records in your possession (either electronic or paper), we would like to collect those items in an archive so the future ASCE leaders in our section can have a growing resource to learn from.



## NORTHERN UTAH BRANCH

By: Cody Palmer

The Northern Utah Branch of ASCE thanks everyone who attended our April tour of Logan's Wastewater Treatment Plant. It was great to finally be together and interact after a year of virtual meetings. The tour was hosted by the City's construction manager and walked the group through the process of a wastewater treatment plant before showing us the project firsthand. Currently the plant is roughly 80% completed with the plant scheduled to come online in June of 2022. The plant will serve the communities of Logan, Smithfield, Hyde Park, North Logan, Providence, River Heights, and Nibley. Another tour is planned for the Annual Meeting so be sure to attend!

Speaking of the Annual Meeting please make sure to mark your calendars and plan on attending. This year it is being held at Utah State so it should be easy for all of us up North to make it. It will be June 18th over lunch, watch for more emails and flyers with details.

## INFRASTRUCTURE REPORT CARD UPDATE

By Craig Friant, PE

The Utah Infrastructure Report Card Committee presented the Utah grades at the Water Environment Association of Utah (WEAU) Conference on April 13th. The presentation went well, and the committee is continuing to promote infrastructure investment to our elected officials.

Now that the COVID-19 restrictions are lifting, the Report Card Committee is invited to a celebration lunch in June to recognize all the committee members efforts. A survey was sent out to the committee members to find a date that works. If you were part of the committee and didn't get that email please contact Craig Friant at [cjf@jub.com](mailto:cjf@jub.com). More information will be sent to the committee for the celebration.

## MEMBERSHIP COMMITTEE UPDATE

by Mark Chandler, PE, PG, CFM

It is election time again in the ASCE world. Please participate. The participation, volunteer efforts and involvement of our members is what keeps ASCE afloat. Please look for opportunities to serve in leadership roles, on committees or just be willing to present at your branch meetings. Our membership's involvement is what keeps ASCE one of the most influential engineering associations and provides us the ability to continue to improve Civil Engineering throughout the world. As we move to another year, I hope we can continue to make your membership in ASCE mean more to you and help you to advance in your career.

In February we had nine new student members.

We are excited to see the new student members including Nour Attallah, Carly Jo Petersen, Gabriela Smith, Sam Oldham, Devin Hancock, Carlie Halls, Cody Valdivia, Eva-Marie Hamill, and Michael Lorrrows.

Please invite others to participate in ASCE so that they can make full use of the many benefits that membership affords to them. If you are looking for a quick summary of those benefits you can visit [https://www.asce.org/uploadedFiles/Membership\\_and\\_Communities/Member\\_Benefits/Content\\_Pieces/member-benefits-guide-forward-faster.pdf](https://www.asce.org/uploadedFiles/Membership_and_Communities/Member_Benefits/Content_Pieces/member-benefits-guide-forward-faster.pdf)

## UTAH GEO INSTITUTE UPDATE

By Brian Peterson, PE & Ryan May, PE

As we move into the summer, we wanted to share the following update:



o As part of the Lifellnes 2021-22 conference event series, the ASCE Metropolitan Los Angeles Branch is organizing an online panel discussion focusing on the Transportation Sector to address how these systems are incorporating hazard resilience into their planning, design, and operations. The panel will be held on June 10, 2021 at 12PM to 1 PM PT. The session will begin with a keynote presentation from Professor Ian Buckle, University of Nevada, Reno titled 'Transportation Sector Resilience: Then and Now'. Panelists include: Tom Ostrom, Chief Division of Engineering Services, Caltrans; Christine Inouye, Director of Engineering, California High-Speed Rail Authority; Sean Gamette, Managing Director of Engineering, Port of Long Beach; and Androush Danielians, Senior Executive Officer, Project Engineering, LA METRO. Registration details can be found at the following link:

[https://ucla.zoom.us/webinar/register/WN\\_5OSrrzGVRQifVr-Aqp0-Zw](https://ucla.zoom.us/webinar/register/WN_5OSrrzGVRQifVr-Aqp0-Zw)

While we understand COVID-19 continues to make it difficult for us to meet in person, we would like to ask our members to let us know of topics or upcoming events of interest as we plan for 2021. Thanks again for your continued support.

# SEI UPDATE

Spring has sprung and the amount of work going on is encouraging. SEI continues to work for us. Please take advantage of this career-improving opportunity

Structures Congress is Virtual, June 2-4, 2021 - This is next week

I would like to invite you for this unique virtual conference experience. Structures Virtual 2021 will blend the expert technical sessions, skill building, and professional development you have come to expect from SEI. Combined with fun networking opportunities, this will be like no other conference you will experience in 2021. Don't miss this opportunity to engage with your SEI community on a global level!



## ASCE UTAH 2020-2021 SECTION AND BRANCH LEADERSHIP

ASCE UTAH SECTION	ASCE UTAH SECTION Northern Utah Branch	ASCE UTAH SECTION Wasatch Front Branch	ASCE UTAH SECTION Central Utah Branch	ASCE UTAH SECTION Southern Utah Branch	ASCE UTAH SECTION YOGYAKARTA MEMBER FORUM	G-1 6th DISTRICT Utah Chapter
 DARREN BURTON President	 SAMUEL ODD President	 MICHELLE HAACKE President	 ZACH HERBERT President	 CLINTON MERRELL President	 FARAMARZ SAFAZADEH President	 BRIAN PETERSON Chair
 MARK CHANDLER President Elect	 WESTON BELLON President Elect	 BITTON TVETEN President Elect	 MITCHELL SMITH President Elect	 DANE HURST President Elect	 TAYLOR HALL President Elect	 RYAN MAW Vice Chair E: ryanm@gehartcoale.com P: 435.232.4984
 TROY COVIL Secretary/Treasurer	 THOMAS HILL Secretary/Treasurer	 CHAD KITCHEN Secretary/Treasurer	 BRANDON ROGERS Secretary/Treasurer	 TRINITY STOUT Secretary/Treasurer	 ABRAHAM LOPEZ Secretary	
 LAYTON ASMUS Secretary/Treasurer Elect	 MARCUS SIMONS Past President E: thill@sunrise-eng.com P: 435.563.3734	 SARAH ALBANO Past President E: ckitchen@conteches.com P: 801.851.0420	 BLAKE BUEHLER Past President E: mlsmith@provo.org P: 801.852.6731	 TODD GARDNER Past President E: trinitystout@alphaengineering.com P: 435.628.6500	 KRISTA RIESTER Treasurer	 CONRAD GUYMON Chair E: conradg@krengineers.com P: 801.222.0922 ext 128
 JOHN DIAMOND Past President E: wcovill@keinfelder.com P: 307.231.1993					 LINKUN LI Past President E: krista.riester@terracon.com P: 719.217.4600	

## Announcements

Transportation Sector Panel Webinar

June 10, 2021 12PM to 1PM Pacific Time

As part of the Lifelines 2021-22 conference event series, the ASCE Metropolitan Los Angeles Branch is organizing an online panel discussion focusing on the Transportation Sector to address how these systems are incorporating hazard resilience into their planning, design, and operations. The main themes of discussion will be lessons learned and implemented since the 1971 earthquake and other hazard events over the past 50 years. The session will begin with a keynote presentation from Professor Ian Buckle, University of Nevada, Reno titled 'Transportation Sector Resilience: Then and Now'. Panelists include: Tom Ostrom, Chief Division of Engineering Services, Caltrans; Christine Inouye, Director of Engineering, California High-Speed Rail Authority; Sean Gamette, Managing Director of Engineering, Port of Long Beach; and Androush Danielians, Senior Executive Officer, Project Engineering, LA METRO.

Registration link: [https://ucla.zoom.us/webinar/register/WN\\_5OSrrzGVRQifVr-Agp0-Zw](https://ucla.zoom.us/webinar/register/WN_5OSrrzGVRQifVr-Agp0-Zw)



ASCE Lifelines Conference 2021 2022

1971

**Transportation Sector Panel**  
**June 10, 2021 12pm PT**

<https://bit.ly/3wm3WPh>

The banner features a background image of a large cable-stayed bridge and a multi-level highway interchange. The text is overlaid on the image in white and yellow. A white waveform graphic is positioned below the '1971' text.



# ANNUAL MEETING

**Friday, June 18th 2021**

**LOCATION:**

**Taggart Student Center Ballroom  
650 N 800 E, Logan, UT 84322**

**TIME:**

**11:30 a.m. to 1:00 p.m.**

*\*In-person or zoom meeting*

- A tour of the Logan City Water Reclamation Facility is available afterwards. \$25 for registration or \$10 for students
- No fee for online-only registration

**Event Link**



**Zoom Meeting**

