

CIVIL SOURCE

ASCE UTAH SECTION NEWSLETTER

SEPTEMBER 2023



President's Message

By Sarah Albano, P.E. (salbano@integral-corp.com)

It is hard to believe it is already September but the temperatures are cooling and before we know it the leaves will be changing and soon snow will (hopefully) be flying. For those of you I haven't yet met, I love making connections- whether it is finding a creative solution to a problem, the right staff for a project, or pointing someone to a useful resource. My educational background is in both geology and engineering. My professional focus has been in environmental engineering conducting and managing investigation, design, and remediation at federal and state upland Superfund sites. I live in Salt Lake City with my husband, daughter, son, and dog.

In June the Utah Section held our annual meeting in Orem where we installed our new officers, presented our Utah Section Awards, and had the opportunity to tour the Olmsted Hydroelectric Power Plant. Our other award winners were:

- Andrew Tzvetcoff, P.E. (Civil Award)
- Mark Chandler, P.E., P.G., CFM (Engineer of the Year)
- Austin Ball, P.E., P.S.E. (Educator of the Year)
- Jacob Moser, E.I.T. (Fresh Face)
- Carl Carpenter (Landmark Individual)
- Fort Douglas Tank (Project of the Year < \$10M), and US-89 Farmington to I-84 (Project of the Year > \$10M).

Mark Chander, one of our past section presidents, spoke about water resources in Utah during his talk 'Feast or Famine: Managing Hard Swings in Water Conditions.' It is never too early to start thinking of nominees for our awards and it is a great way to recognize our fellow engineers and the interesting projects we are all doing in the state.

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Several of our branches have begun their regular meetings again and I encourage you to engage with your local branch. If there is a topic you would like to hear more about or tour you think our ASCE members would enjoy, please let me or your branch leadership know, we are here to serve you. The branch meetings are a great way to connect with others you don't work with on a regular basis and are an opportunity to earn professional development hours. In addition to the benefit of branch and section meetings, ASCE provides benefits including, but not limited to, 10 free PDHs each year, a mentoring program, technical information through the institutes, member discounts, and career resources. You can find more information at Membership | ASCE.



NORTHERN UTAH BRANCH UPDATE

By: Kamilla Schultz, P.E. (Kamilla.schultz@sunrise-eng.com)

Welcome back to all our NUB members. We hope you have had a great summer break. I want to introduce you to our Board and Committee members for the 2023-2024 year, we are as follows:

President:	Kamilla Schultz, P.E.	Sunrise Engineering
President Elect:	Lance Houser, P.E. Franson	Civil Engineers
Past President:	Jacob Ames, P.E.	CRS Engineers
Secretary Treasurer:	Jesse Mott, P.E.	Cache County
Membership Chairman:	Alex Oliphant, P.E.	Logan City
Student Chapter Liaison:	Joey Laprevote, P.E.	JUB Engineers
Activities Chairman:	Trinda Hyde	JUB Engineers

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With school now in session it's once again time to get together and enjoy one another's company. The opening social is scheduled for September 21st at 6:00 pm at Willow Park. You should have already received a Save the Date invitation and RSVP survey in your email.

Keep a look out for a short survey from the Branch to get your input on activities and interests you would like to see this year as well as information from USU Student Chapter for the 2024 Intermountain Southwest Student Symposium coming up this April.

Leadership Introduction

Below is our 2023-24 leadership team for the Utah Section, Branches, and Institutes. I would like to thank everyone who has volunteered to serve in ASCE. There are many competing demands on our limited time and the effort you put into improving ASCE and civil engineering is much appreciated. I encourage everyone to engage in ASCE whether it is volunteering for a community service event, working on the infrastructure report card, participating in an institute, or serving in leadership. Opportunities exist for a range of commitment durations and schedules. I have met inspiring civil engineers across the state and country who are all working to further our profession and have benefitted through learning about other areas of civil engineering. Please reach out to one of us if you would like to learn more about the opportunities (including serving as Section secretary/treasurer elect).

ASCE UTAH 2023-2024 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 SCAGLAND AREA INSTITUTE	G-1 UTAH INSTITUTE Utah Chapter
 SARAH ALBANO President	 KAMILLA SCHULTZ President	 DIMOND ZOLLINGER President	 BEN GRAY President	 MATT ROBERTS President	 PEDRO MONTESINOS President	 JACOB SMITH Chair
 LINGKUN LI President Elect	PHOTO COMING SOON LANCE HOUSER President Elect	 ANDREW TVETZCOFF President Elect	 TROY HANKS President Elect	 BOB LAMOREAUX President Elect	PHOTO COMING SOON VACANT President Elect	PHOTO COMING SOON NICK LANGFORD Vice Chair
 JASON SMITH Secretary/Treasurer	 JESSE MOTT Secretary/Treasurer	 STERLING WOODRUFF Secretary/Treasurer	 CALEB ALLRED Secretary/Treasurer	PHOTO COMING SOON VACANT Secretary/Treasurer	 AUSTIN WHITE Treasurer	
PHOTO COMING SOON VACANT Secretary/Treasurer Elect	 JACOB AMES Past President	 CHAD KITCHEN Past President	 JOSHUA REIDHEAD Past President	 RHETT BEAZER Past President	 REBECCA GROSMAN Secretary	 CONRAD GUYMON Chair
 LEEANN MILLER Past President					 ANNA ROBERTS Past President	



Wasatch Front Branch Update

By: Dimond Zollinger, P.E. (Dimond.Zollinger@slcgov.com)

Hello everyone. We are excited for another year of ASCE in the Wasatch Front Branch. Our new board members are Chad Kitchen (Past President), Dimond Zollinger (President), Andrew Tzvetcoff (President Elect), and Sterling Woodruff (Secretary/Treasurer). On September 8, 2023 we participated in a combined luncheon and field trip with the U of U Student Chapter where we toured the Airvac Vacuum Sewer Station in Midvale, Utah. We had a great turnout and enjoyed socializing with like-minded people and seeing a unique and important project. Please stay tuned and check your email for invitations to future luncheons and activities.



Reducing Waste

Sarah Albano, P.E. (salbano@integral-corp.com)

There are many reasons why we should reduce the waste that we generate in our lives. The majority of our waste is placed in landfills, where it is left to produce methane and carbon dioxide. Waste placed in landfills can also leach out, and when not properly captured, can impact nearby water sources. Waste that is not placed in landfills is often incinerated in waste-to-energy plants, which burn the trash to make energy. However, incinerated waste can create and release harmful pollutants such as dioxins and heavy metals.

Some of the ways we can reduce the waste we produce include:

- Reusing items when possible
- Repairing fixable items
- Repurposing items
- Reducing the amount of single-use plastic by going to a refill or bring your own container store.
- Recycling uncontaminated materials appropriately by knowing what streams your recycling provider can accept.
- Composting food scraps
- Donating unused food to foodbanks or shelters
- Specifying products made with recycled content.
- Buying used items or products made with recycled content.



- Borrowing, renting, or sharing infrequently used items through groups like Freecycle or Buy Nothing Groups

In addition to reducing the amount of waste for disposal, these actions reduce greenhouse gas emissions from the production of new items, prevent pollution from the harvest of raw materials, and save energy as well as money.

Some resources:

- The Utah Division of Waste Management and Radiation Control has created a statewide recycling data initiative (<http://recycle.utah.gov/>) to provide user-friendly tools to assess data on the amount of waste generated, composted, and recycled. It includes an interactive map to locate the nearest recycling and waste management facilities.
- The Utah Recycling Alliance (<https://www.utahrecyclingalliance.org/>) offers fix-it clinics and collection of hard to recycle material events along the Wasatch Front
- Recycle Utah (<https://recycleutah.org/>) has a recycling center in Park City that takes many types of materials.
- Habitat for Humanity's ReStores (<https://www.habitat.org/restores>) accept and sell new and gently used furniture, appliances, home goods, building materials and more.

Central Utah Branch Update

By Ben Gray (begray@genevarock.com)

The new board for the Central Utah Branch are as follows:

President:	Ben Gray	Geneva Rock
President Elect:	Troy Hanks	Ames Construction
Secretary/Treasurer:	Caleb Allred	GeoStrata LLC
Past President:	Joshua Reidhead	Sunrise Engineering

Upcoming events are:

October

Event: AECOM Water Presentation

Date: October 5

Location: Central Utah Water District, 1426 E 750 N St #400, Orem, UT 84097

November

Event: Avalanche Engineering

Date: TBD

Location: TBD

December

Event: Branch Social

Date: TBD

Location: TBD

Southern Utah Branch Update

by Matt Roberts, P.E., Ph. D. (mwroberts@suu.edu)

The Southern Utah Branch of ASCE has new leadership for the 2023-2024 year. Matt Roberts has stepped in as President, Bob Lamoreaux as President Elect, and Rhett Beazer transitions to Past President. The Branch held its monthly meeting on Wednesday, September 13 on the campus of Southern Utah University, jointly sponsored with the SUU Civil Engineering Club. Jonathan Stathis, City Engineer for Cedar City, presented on the impact of flooding in 2021 and 2023 for Cedar City infrastructure. His talk covered causes for the flooding, infrastructure upgrades implemented since 2021, and performance of stormwater systems during this year's heavy monsoon rains. This relevant topic made for an interesting presentation for the Branch. With joint sponsorship from the SUU club, over 30 students attended the meeting and interacted with professional engineers from the community. There were some lively discussions during and after the city engineer's presentation on the stormwater upgrades since the 2021 flooding.



ASCE YOUNGER MEMBER FORUM

ANNUAL FALL BARBEQUE

*Join us for an evening of food and networking
with fellow young professionals.*

**THURSDAY SEPT 28, 6:30-8:30 PM
SUGAR HOUSE PARK, BIG PAVILION
\$15/ PERSON, \$25/ FAMILY**

SCAN THE CODE TO RSVP AND
PAY FOR ATTENDANCE



SCAN ME

https://maps.app.goo.gl/scDBpnrCa4aVf2G28?g_st=ic

YMF Announcements

Pedro Garcia Montesinos, E.I.T.
(pedro.garciamontesinos@shanwil.com)

On July 20th we held our transition meeting. We are so grateful for those who have served on the committee, their support has definitely been a great help in our group. Here are the names of our current ASCE Utah YMF Officers:

Pedro G. Montesinos (President)
Anna Roberts (Past President)
Rebecca Crosman (Secretary)
Austin White (Treasurer)
Jake Goodsell (University Outreach Chair)
Alex Jondal (Social Media Chair)
Julie Hansen (Communications Chair)
Alex Yanez (K-12 Outreach Chair)

We are looking for a President-Elect, if you are interested in making an impact in our community do not hesitate to reach out (asceutahymf@gmail.com).

In addition, we will hold our 2023 Annual BBQ on Thursday, September 28th. Additional information regarding location, cost for attendance, and the registration form is provided on the previous page. This is a great opportunity to connect with other young professionals, looking forward to see you there!

The University of Utah student chapter is hosting some events this fall:

- Saturday, September 23, 2023 at 9 am, they are participating in a highway cleanup service project. You can sign up here: <https://forms.gle/DvVXmCgUD12H4iZK8>.
- Monday, October 30, 2023, they will be having a networking social and presentation on diversity, equity, and inclusion from the 2024 President Marsia Geldert-Murphey. Please contact the student chapter for more information at asce.uofu@gmail.com



HIGHWAY CLEANUP

SERVICE PROJECT

Sep. 23rd, Saturday
please fill out our interest form ASAP if you're interested in participating! snacks will be provided.



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AMERICAN SOCIETY OF CIVIL ENGINEERS