



Jun 20

June 2024 - Durham Engineers Club Meeting

Please join us for our monthly meeting. A choice of a buffet is available.

PLEASE NOTE CHANGE IN VENUE AND START TIME!



Golden Corral Buffet & Grill
5006 Apex Hwy 55, Durham, NC 27713
[View on map](#)



Jun 20, 2024 05:30pm - Jun 20, 2024 08:30pm
Add to [Google](#) · [Outlook](#) · [Yahoo](#)

Register

Decline

Upcoming Meetings:

July 18

Field trip to Kempower's EV charger manufacturing facility, Durham

October 17

Engineering Ethics; Rob Joyner, PE, City of Durham

Job Opportunities

Professional Civil Engineers - CESI, Statesville NC. CESU is a 100% employee owned, mid-size multi-discipline land development firm.

Job postings can be seen on LinkedIn: or contact Ashleigh Crosby at ashleighcrosby@cesicgs.com or 704-615-0703 for link to job postings.

Photo

USAR Rescuers at Surfside, Florida, following collapse of the 13-story Champlain Towers condominium in 2021.

Among the first-responders were 22 USAR Engineers tasked with monitoring the stability of the remaining tower section, and assisting with victim search.



Engineers as First Responders

by

Tom Caldwell, PE

Urban Search and Rescue (USAR) teams are first responders for disasters in the built environment. Civil and structural engineers have served on USAR teams since 1990. Engineers are needed on these teams because we know the terrain of the built environment: We design buildings, bridges, roadways and dams, and we understand how they fail.

This work has come into sharp focus recently at disasters ranging from collapsed buildings, to industrial explosions, to entire regions damaged by earthquakes and hurricanes. This presentation explores how engineers become first responders, how they train and deploy, and how they make the critical adjustments in mindset demanded by disaster response.

Tom Caldwell, PE is Senior Partner at Atlas Engineering in Raleigh, NC. In addition to his normal engineering work, Tom is an on-call USAR engineer with FEMA Virginia Task Force 2 and FEMA Incident Support Teams, and serves with State and local rescue squads. He has deployed with Federal and State agencies to disaster sites including hurricanes, fires, earthquakes, floods, and industrial explosions.

Dear Fellow Professional:

Please consider this special invitation to attend our regular monthly meeting on Thursday, June 20, 2024 from 5:30 to 8:30 PM.

Please click on the link above to register. The buffet price is \$16.99 with a \$1.00 discount for senior 60 and above. Drinks are additional. NC sales tax will be added.

Social time is from 5:30-6:00 PM, and dinner is from 6:00 to about 6:30 PM, followed by the speaker presentation.

One (1.0) PDH will be provided, a terrific bargain! Please click on the "Register" link above, or decline if you are not able to attend. Feel free to forward this invitation to as many others as you would like using the link at the bottom of this e-mail.

If you do not wish to continue to receive event invitations from the Durham Engineers Club, please unsubscribe using the link at the bottom of this e-mail.

We look forward to seeing you at the meeting!

Sincerely,
René Johnson
Secretary, Durham Engineers Club
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