

SDAG

Meeting Announcement

This will be a *Joint Meeting* with:

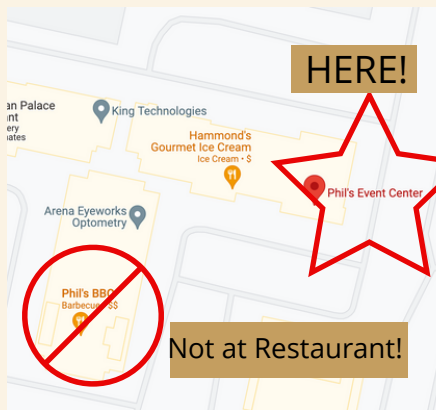


**AMERICAN SOCIETY OF
CIVIL ENGINEERS
San Diego Chapter**

Wednesday September 14th 2022

HAPPY HOUR- 6:00 PM DINNER & PRESENTATION - 7:00 PM

PLEASE NOTE THE CHANGE IN TIME - PROGRAM WILL BE CONCURRENT WITH DINNER



PHILS BBQ - EVENT CENTER

MEMBERS: \$40.00

STUDENTS: \$25.00

NONMEMBERS: \$45.00

INCLUDES:

Chicken & Ribs Buffet OR Veggie Burger
+ Soft Drink

CASH BAR: Beer + Cocktails

**Please indicate meal choice
when making reservation.**

**We need to inform the restaurant
about Vegetarian Meals ahead of time**

TITLE:

The Mid-Coast Corridor Transit Project

The Mid-Coast Corridor Transit Project is one of the largest public transit infrastructure projects ever constructed in San Diego, California. The project is an 11-mile light-rail transit (LRT) system link between Old Town and University Town Center connecting residential areas, retail, business, education, and medical centers. The \$2.2 billion project includes 11 bridge crossings, 3 elevated viaducts, 4 at-grade stations, 98 retaining walls, 5 aerial transit stations with pedestrian bridges, 13 traction power substations, 2 public parking garages, and 2 park-and-ride facilities, and associated street improvements. Detailed earthquake and fault rupture hazard studies were performed to determine location, activity, rupture, displacement, and ground motion design parameters. The numerous unique retaining walls (i.e., gravity, cast-in-place (CIP), mechanically stabilized earth (MSE), soil nail, anchored, soldier pile, sheet pile, slope paving, and counterfort) and various ground improvements imposed many challenges. The rail corridor-wide project also included a replacement double-track bridge over the San Diego River for Los Angeles–San Diego–San Luis Obispo (LOSSAN) heavy rail.

The Mid-Coast project was awarded the 2022 Outstanding Project of the Year by CalGeo.



TITLE:

The Mid-Coast Corridor Transit Project



SCOTT RUGG, RG, CEG Biographical Highlights

Mr. Scott Rugg, RG, CEG, is Principal Engineering Geologist at Kleinfelder in the San Diego, California. Most of his 37 years of practice has been on projects in Southern California with additional project experience across the western United States.

He has worked in all sectors of the built environment on projects including dams, bridges, airports, railways, landslides, water conveyance and tunnels. He has extensive experience in fault hazard assessment by the various methodologies. Some of the larger scale fault investigations he has led include: Northside Materplan - SD International Airport; Airfield Rehabilitation - China Lake Naval Air Weapons Station; Mid-Coast Corridor Transit Project – San Diego; Orange County Sanitation District Plant 2 Expansion; Automated People Mover – Inglewood; Courthouse Commons Inmate Tunnel- San Diego; Exxon Mobile Carbon Capture Facility - Baytown, Texas; and Navy SATCOM Facility Expansion - Guam.



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TITLE:

The Mid-Coast Corridor Transit Project



MOI ARZAMENDI, PE, GE
Biographical Highlights

Mr. Moi Arzamendi, PE, GE, is a Senior Supervising Geotechnical Engineer with WSP (San Diego) with nearly 40 years of local, national, and international experience in infrastructure projects. He has been involved in numerous large earthworks, dams, ports/harbors, dredging, landfills, pipelines, bridges, tunnels, foundations, retaining walls, slope stability, landslide mitigation, erosion control, pavements, land reclamation, beach nourishment, shore protection, and wetland/habitat restoration projects. He received his BS and MS in Civil and Geotechnical Engineering from The Ohio State University in 1983 and 1985, respectively.



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PRESIDENT'S CORNER

Hello SDAG Members!

Many thanks to everybody that attended our August meeting! It was a bit of a whirlwind month for us, and I couldn't be more pleased with the way things turned out. A very special thank you to Mariana for working hard to keep the boat afloat last month. It was such a joy to see everyone in person and to have one of my favorite tellers of tales geologic, Mario Caputo, remind us how cool the volume on sedimentology is. Thanks again, Mario.

For the meeting this month we are joining forces with the San Diego Geo-Institute of the American Society of Civil Engineers. We are very excited to have our first joint meeting with SD's branch of the ASCE and hope to continue to do so in the future! The presenting pair of Scott Rugg (Kleinfelder) and Moi Arzamendi (WSP) are going to talk about the recent Mid-Coast Corridor Transit Project completed in San Diego. The multi-billion dollar project is an 11-mile light-rail transit system (LRT) link between Old Town and University Center.

I am also happy to report a return Phil's BBQ! Someone bring extra napkins! (Kidding) Looking forward

And, as always, don't forget to fill out and send in your membership forms (and sponsorship forms, too)!

Cheers,

Luke Weidman



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Diamond



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Leighton
60th Anniversary



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- Jennifer Morton – Terramar Environmental
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- Randy Wagner
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