



Field Trip to the Salton Sea Geothermal Field

Monday, April 28, 2025 (6:30AM to 7:30PM)

Cost: \$170 (\$95 for SPE Student Chapter members) through WRM 2025 Online Registration

Meeting Location: Lobby of Hyatt Regency Orange County, 11999 Harbor Blvd, Garden Grove, CA

<https://connect.spe.org/losangelesbasin/2025-wrm/2025-wrm>

This full-day field trip will tour the second largest geothermal field in the United States - the Salton Sea Geothermal Field.

The tour will include:

- Visit & tour an active geothermal power station to learn about the well and power plant operations - several power plants and pipelines will be seen and discussed as we travel through the extensive Salton Sea Geothermal Field
- Visit an active geothermal corporation drilling rig (depending on availability)
- Visit the world's largest geothermal well at the time it was drilled
- Visit an active mud pot geological area
- Visit an overview lookout of the Salton Sea, which is actually a below-sea-level lake at the terminus of the Colorado River
- Lithium extraction facility (in construction) will be seen and discussed on route.
- During the drive and at the various sites visited, there will be presentations on:
 - Geology, Geomorphology and Reservoir Engineering
 - History of Geothermal Development
 - Well Construction, Drilling and Operations
 - Power Plant Operations including the Management of Geothermal Brine
 - Mineral/Lithium Extraction Operations Status which will support the USA domestic computer chip and battery manufacturing

A light breakfast, a box lunch, snacks & drinks are included. A rest stop is scheduled for you to purchase a famous local delicacy - a refreshing date shake. The tour bus is restroom equipped.

Safety Notice: Please wear long pants and closed-toed shoes. Parts of the tour will be on uneven terrain, open-metal grate pathways, and may require traversing ladders/stairwells. No children under the age of 14 years old (at time of tour). The operators will supply hard hats, safety glasses and hearing protection (if needed).

Field Trip Coordinator: Charlene Wardlow, (707) 495-3948, clwardlow@yahoo.com

