

The logo for CWEA, consisting of the letters 'CWEA' in a bold, blue, sans-serif font. The letter 'W' is stylized with a blue and orange gradient.

2024

SOUTHERN
SAFETY
DAY



9
OCT

SOUTHERN SAFETY DAY

EVENT INFO

DATE

WEDNESDAY, OCT. 9, 2024

TIME

8:00 a.m. to 3:45 p.m.

EARLY BIRD REGISTRATION
ENDS August 28

NEW LOCATION

Great Wolf Lodge
12681 Harbor Blvd,
Garden Grove, CA 92840

Lunch will be served outside.

Earn up to 6 contact hours
approved for all CWEA
certifications.

REGISTER ONLINE

events.cwea.org

Southern Safety Day is one of CWEA's most popular and highly-attended training events each year. It's an opportunity for members to participate in safety training as well as networking with fellow members and vendors. This event is a must-attend for wastewater professionals dedicated to making safety the highest priority.

- Enhance your **professional knowledge**
- **Network** with fellow attendees and exhibitors
- Over 150 attendees, **one of our largest SoCal events**
- Engage in **hands-on vendor demonstrations**
- **Connect** with a diverse range of agencies and practice areas

WHO SHOULD ATTEND

- Collection System Crews
- Wastewater Operators
- Wastewater Mechanics
- Safety Officers
- Mechanics
- Electricians
- Instrumentation Technicians
- Maintenance Schedulers
- O&M Leaders



SOUTHERN SAFETY DAY

SCHEDULE AT-A-GLANCE

CWEA

(subject to change)

TIME	EVENT	
7:00 - 8:00	REGISTRATION, COFFEE & INTRODUCTIONS	
8:00 - 8:50	OPENING GENERAL SESSION Workplace Violence Prevention Plan Requirements Ruben Ramos, Cal/OSHA Communications & Outreach Division of Occupational Safety & Health	
	OPERATIONS & MAINTENANCE TRACK	SAFETY TRACK
8:55 - 9:45	Flange and Valves Bolting Alex Roman TRIPAC	Why a Trench is not a Confined Space ... Or is it? Cardiel Luna Reliance Safety Consultants, Inc.
9:45 - 10:25	EXPO & NETWORKING	
	OPERATIONS & MAINTENANCE TRACK	SAFETY TRACK
10:30 - 11:20	Predictive and Preventative Maintenance for Electrical Motors Donald Taft and Tyler Lavery Valley Power Systems	Atmospheric Monitoring for Permit-Required Confined Space Entries William Curcio City of San Diego Public Utilities Department
11:25 - 12:15	GENERAL SESSION PRESENTATION Addressing Homeless Encampment Issues and Safety David Burpeau Aspen Risk Management	
12:15 - 1:30	LUNCH WITH EXHIBITORS	
1:30 - 1:55	EXPO & NETWORKING WITH DOOR PRIZE ANNOUNCEMENTS	
	OPERATIONS & MAINTENANCE TRACK	SAFETY TRACK
2:00 - 2:50	Chemical Application Safety and Selection Consistent Cronchi Civivar Solutions	CPR Techniques for Water Industry Professionals in High-Risk Environments Jon Haverkamp, CHST ehsInc
2:55 - 3:45	CLOSING GENERAL SESSION The Power of Hello and De-escalation Briefing Brian Keith, Cybersecurity & Infrastructure Security Agency (CISA) Department of Homeland Security	
3:45	ADJOURN	

**Earn up to 6 contact hours approved for all
CWEA certifications**



REGISTRATION INFORMATION

[REGISTER ONLINE >](#)

REGISTRATION RATES	Early Bird Before Aug. 28	Regular After Aug. 28
MEMBER RATE	\$215	\$230
NON-MEMBER RATE	\$265	\$285

SPECIAL SERVICES: If you need special services or have dietary restrictions please indicate those within the CWEA registration system.

GROUP REGISTRATIONS: We're here for you to make this easy! Contact Member Services at memberservices@cwea.org for group registration assistance.

REFUND POLICY: Full payment or purchase order is required to process registrations. If you have to cancel, written cancellation notice is required and must be received at least 15 days prior to the workshop date. A 25% service fee shall be retained on all cancellations. No refunds shall be given for cancellations made less than 15 days prior to the event. A written special service request is required 30 days in advance.

DISCLAIMER: CWEA and our Board members and volunteers are not responsible for the actions of speakers or the content of their sessions. No endorsement is implied or given of any persons or their philosophies, ideas, statements; nor of any products or processes; nor of any organizations or companies who volunteer to serve as speakers at the workshop or exhibitors who purchase an exhibit booth.

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SESSION DESCRIPTIONS

OPENING GENERAL SESSION 8:00 – 8:50 a.m.

Workplace Violence Prevention Plan Requirements

Cal/OSHA's Communications and Outreach Program representative and Associate Safety Engineer, Ruben Ramos, will be presenting on the Workplace Violence Prevention Plan requirements in General Industry. This presentation will provide an overview of the new requirements found in California Labor Code section 6401.9, resulting from Senate Bill 553 (Cortese).

PRESENTER: Ruben Ramos, Cal/OSHA Communications & Outreach, Division of Occupational Safety & Health

BREAKOUT SESSIONS I 8:55 – 9:45 a.m.

Flange and Valves Bolting

The most misunderstood specifications that are written in water and wastewater industry are around flange bolting. What do you use above ground? What do you use on buried application? What do you use for submerged? What do you use around chemicals? What do you use on meters? What do you specify on valves? How do you write a bolt specification that clearly describes what you want to specify? These are a few of the questions commonly asked.

This session will review the most common ASTM steel bolts specified and identify various coatings used for corrosion protection in water and wastewater. We will review the most common ASTM stainless steel bolts and coatings used on them. In summary will discuss other products used for corrosion protection.

PRESENTERS: Alex Roman, TRIPAC

Why a Trench is not a Confined Space ... Or is it?

The primary hazard from trenching and excavation is employee injury from soil collapse. Soil Analysis is important in order to determine appropriate sloping, benching, and shoring. If that is not dangerous enough, additional hazards include working with heavy machinery; manual handling of materials; working in proximity to traffic; electrical hazards from overhead and underground power lines; and underground utilities like natural gas. We will also determine why it's not classified under the confined space standard.

This Trenching and Excavation Awareness Course is designed to instruct the worker on the various hazards associated with this type of work, as well as instruct the worker on the proper procedures and controls to ensure safe work practices

PRESENTER: Cardiel Luna, Reliance Safety Consultants, Inc.

BREAKOUT SESSIONS II 10:30 – 11:20 a.m.

Predictive and Preventative Maintenance for Electrical Motors

This presentation focuses on processes and procedures for optimal motor maintenance and monitoring. It will explain the different predictive maintenance technologies available to assess motor conditions and trend critical parameters. This information is directed to those that have electric motor maintenance responsibility. We will review maintenance planning strategies and task periodicity as well as program designs.

PRESENTER: Donald Taft and Tyler Lavery, Valley Power Systems

Atmospheric Monitoring for Permit-Required Confined Space Entries

This energetic and engaging presentation will cover the atmospheric monitoring requirements for safely executing a permit required confined space entry. Specifically, we will discuss the types of gases to monitor for, frequencies, and stratification. There will be a review of several case studies to develop "lessons learned" based off entries that unfortunately went awry, thus creating the need for a pre-defined rescue plan.

PRESENTER: William Curcio, City of San Diego Public Utilities Department

SESSION DESCRIPTIONS

GENERAL SESSION PRESENTATION 11:25 – 12:15 p.m.

Addressing Homeless Encampment Issues and Safety

Homeless Encampments have become a major concern for the safety of organizations due to the risk of injury and attacks on workers. This program will be focused on ways to safely address the risks and hazards of these groups entering and occupying agency properties and ways to clean up the areas safely.

PRESENTER: David Burpeau, Aspen Risk Management

BREAKOUT SESSIONS III 2:00 – 2:50 p.m.

Chemical Application Safety and Selection Considerations CANCELLED

Safety remains a top priority with any aspect of water treatment, whether it is the chemistry or the management of that chemistry, and the goal should always be to use the safest chemistry and packaging. New technologies and new products can provide safer chemical choices without decreasing or impeding overall efficiencies and efficacy. There are numerous choices to made and understanding options is obviously an important part of selection. This presentation will provide insight to help in making those critical decisions about safe(r) chemistries, decreasing risk, and maintaining performance.

PRESENTER: Elio Limonchi, Univar Solutions

CPR Techniques for Water Industry Professionals in High-Risk Environments

This discussion focuses on providing essential life-saving skills that are practical and relevant to those working in potentially hazardous environments. Participants will learn the key steps of CPR and how to respond effectively in emergencies, ensuring they are prepared to act quickly and confidently. Topics include critical steps of cardiopulmonary resuscitation (CPR), including chest compressions and rescue breaths, and when to apply them; learning how to quickly assess and ensure the safety of the environment before beginning CPR; a quick overview of using Automated External Defibrillators (AEDs) safely; and essential tips for coordinating with colleagues and emergency responders during an emergency situation.

PRESENTER: Jon Haverkamp, CHST, ehsInc

GENERAL SESSION PRESENTATION 2:55 – 3:45 p.m.

The Power of Hello and De-escalation Briefing

Industries face a variety of threats, both internal and external, from hostile governments, terrorist groups, disgruntled employees and malicious introducers. Alert employees can spot suspicious activity and report it. The power is in the employee, citizen, patron, or any person who can observe and report. Protective Security Advisor (PSA) will be giving a brief overview of the Power of Hello and De-Escalation Techniques. CISA provides the Power of Hello tools and resources with no endorsement of any specific company, entity, or content. The tools and resources identified are a starting point for an organization's employee vigilance campaign and do not encompass all resources.

**PRESENTER: Brian Keith, Cybersecurity & Infrastructure Security Agency (CISA)
Department of Homeland Security**

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