

CWEA

2023

SOUTHERN SAFETY DAY



26
OCT

SOUTHERN SAFETY DAY

EVENT INFO

DATE

THURSDAY, OCT. 26, 2023

TIME

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

REGISTER BY OCT. 6TH TO
SAVE \$15

Doubletree by Hilton
Ontario Airport
222 North Vineyard Avenue
Ontario, CA 91764

Weather in Ontario can be unpredictable. Please dress in layers in case of warm, cold or inclement weather. Lunch will be served outside.

REGISTER ONLINE

events.cwea.org

Photos by Audrey McCann

Southern Safety Day in 2022 was a big success. We're excited to extend an invitation to you to join us in **Ontario** this October for another fantastic safety event brought to you by the **CWEA Safety Committee**, with special assistance from Kaila Krichmar of ehsInc.

This annual safety training day brings together a diverse community of wastewater professionals, all dedicated to making safety the highest priority. Southern Safety Day offers a unique opportunity to not only **enhance your professional knowledge** around safety but also to **engage in hands-on equipment demonstrations** and **connect with fellow attendees** and exhibitors from the industry.

WHO SHOULD ATTEND

- O&M Leaders
- Mechanics
- Electricians
- Instrumentation Technicians
- Inventory Managers
- Maintenance Schedulers
- Wastewater Operators
- Collection Systems Crews



SOUTHERN SAFETY DAY

SCHEDULE AT-A-GLANCE

(subject to change)

EARN
UP TO 6
CONTACT
HOURS

TIME	EVENT	
7:00 - 8:00	REGISTRATION, COFFEE & INTRODUCTIONS	
8:00 - 8:50	OPENING GENERAL SESSION Workplace Violence and Heat Stress Kevin Bland, Ogletree Deakins	
BREAKOUT SESSIONS I		
8:55 - 9:45	Inland Empire Utilities Agency's Mutual Aid Program Efforts for Regional Sanitary Sewer Spill Simulations Lucia Diaz and Edward Makowski Inland Empire Utilities Agency	Utility Line Locating for Wastewater Steve Gamblin WCT Products, Inc.
9:45 - 10:25	EXPO & NETWORKING	
BREAKOUT SESSIONS II		
10:30 - 11:20	Trenching and Excavating in Wastewater Andrew Corral Association of California Water Agencies Joint Powers Insurance Authority	Traffic Control for Mobile Operations Joe Larson ehs International, Inc.
11:25 - 12:15	GENERAL SESSION PRESENTATION A Journey Through the Cal/OSHA Citation Process James Chatwin, Western Municipal Water District	
12:15 - 1:55	LUNCH WITH EXHIBITORS	
BREAKOUT SESSIONS III		
2:00 - 2:50	Manhole Virtual Models Jonathan Borden RH Borden	Lockout/Tagout Lockout/Blockout: Why is this on? Brandy Rodriguez Reliance Safety Consultants
2:55 - 3:45	CLOSING GENERAL SESSION Remote Site Security Mark A. Sibayan Jr., PMP® US Department of Homeland Security	

THANK YOU SPONSORS

BREAK SPONSOR



DOOR PRIZE SPONSOR



REGISTRATION FORM

SOUTHERN SAFETY DAY

Register online: events.cwea.org

Early bird deadline ends Oct. 6th

(PLEASE PRINT OR TYPE)

First Name: _____ Last Name: _____

Agency/Company: _____ Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ E-Mail: _____

Emergency Contact: _____ Emergency Phone: _____

CWEA MEMBER WEF MEMBER CA-NV AWWA MEMBER # _____

(Must have current membership for member rates.)

Special Accommodations to Participate: _____

Dietary Restrictions: _____

Tell us a bit about you. Please select one response for each question.

1. WHAT IS YOUR CAREER STAGE?		2. WHAT IS YOUR PRIMARY PRACTICE AREA?			
<input type="checkbox"/> Student	<input type="checkbox"/> Job Seeker	<input type="checkbox"/> Collection Systems	<input type="checkbox"/> Electrical/Instrumentation		
<input type="checkbox"/> Entry-level	<input type="checkbox"/> Journey-level	<input type="checkbox"/> Engineering	<input type="checkbox"/> Laboratory	<input type="checkbox"/> Plant Maintenance	
<input type="checkbox"/> Supervisor	<input type="checkbox"/> Management	<input type="checkbox"/> Plant Operations	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> Public Outreach	
<input type="checkbox"/> Executive	<input type="checkbox"/> Retiree	<input type="checkbox"/> Other	<input type="checkbox"/> Safety	<input type="checkbox"/> Stormwater	<input type="checkbox"/> Utility Executive <input type="checkbox"/> Other
3. WHAT TYPE OF ORGANIZATION DO YOU WORK FOR?					
<input type="checkbox"/> Municipal – Large (400K+ customers)		<input type="checkbox"/> Municipal – Medium (50K-400K customers)			
<input type="checkbox"/> Municipal – Small (< 50K customers)		<input type="checkbox"/> Non-municipal – Consulting Firm			
<input type="checkbox"/> Non-municipal – Manufacturer or sales representative		<input type="checkbox"/> Non-municipal – Regulator, State or Federal		<input type="checkbox"/> Other	

REGISTRATION

For assistance contact: **MEMBER SERVICES**

510.382.7800 option 4 or

memberservices@cwea.org

	Member	Non-Member
<input type="checkbox"/> EARLY BIRD RATE (By Oct. 6)	\$195	\$245
<input type="checkbox"/> REGULAR RATE	\$210	\$260
<input type="checkbox"/> STUDENT Provide proof of college attendance w/minimum of 9 units.	\$0	\$0
Fee Total \$		

PAYMENT INFORMATION

For payments by check or money order, make payable to: **CWEA SSD23**

For payments by credit card, please print clearly.

Credit card: VISA MASTERCARD DISCOVER AMEX Signature: _____

Credit card number: _____ Expiration date: _____

Name of account holder: _____ Billing zip code: _____

REGISTRATION OPTIONS:

1. Register online at events.cwea.org

2. Send registration form and payments to:

CWEA Workshops

7677 Oakport Street, Suite 1030

Oakland, CA 94621-1935

GROUP REGISTRATIONS: we're here for you to make this easy!

Contact Member Services at memberservices@cwea.org for group registration assistance.

All cancellation requests must be submitted in writing or via email. **Cancellation or Substitute Deadline:** Cancellations and Substitutes must be received at least 3 business days prior to the date of the workshop. **Credit Eligibility:** To be eligible for credit, a written notice must be received one week prior to the program date. **Cancellation Fee:** A 25% cancellation fee will be deducted from the refunded amount. **Day of Program Cancellation/No-Show:** Cancellations or no-shows on the day of the program will not receive a refund or credit. **Refund Process:** Refunds, minus the applicable cancellation fee, will be processed within 3 days after receiving the cancellation request once approved.

SESSION DESCRIPTIONS

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

Cal-OSHA's Workplace Violence and Indoor Heat Illness: Compliance, Enforcement, and Predictions

This session will explore the new proposed Cal-OSHA Workplace Violence and Indoor Heat Illness Prevention standard. You will get a hot off the press look at what the new proposed regulations include (and exclude) along with predictions on enforcement.

PRESENTER: Kevin Bland, Ogletree Deakins

BREAKOUT SESSIONS I 8:55 – 9:45 a.m.

Inland Empire Utilities Agency's Mutual Aid Program Efforts for Regional Sanitary Sewer Spill Simulations

The Inland Empire Utilities Agency (IEUA), a regional wastewater treatment and water agency encompassing 242 square miles in western San Bernadino County and servicing approximately 935,000 people, provides sewage utility services to seven sewer collection agencies and wholesale imported water from the Metropolitan Water District of Southern California to regional retail agencies. In 2004, IEUA entered into a Mutual Aid Agreement with their Regional Contracting Agencies and other partners to provide emergency response in the event of a disruption which would affect the water service, sewer service or sewage treatment services provided by each agency. Over the years, IEUA has taken the lead in organizing quarterly meetings between the Mutual Aid partners for sewer collection training, discussions on regional system issues, and regulatory updates.

Due to the current increase in retirements and the need for hands on training for line staff, IEUA took the lead to develop a regional approach for multi-agency sanitary sewer spill simulation training.

PRESENTERS: Lucia Diaz and Edward Makowski, Inland Empire Utilities Agency

Utility Line Locating for Wastewater

Locating Wastewater is more difficult and more confusing than most Subsurface Utilities.

The goal of this class is to clarify the Codes and Best Practices & Standards of Locating Wastewater Lines, as well as introducing techniques that can help Identify, deep and difficult Wastewater Lines. There will be a brief discussion on Theory, Code and the Best Practices & Standards followed by a Hands-On presentation.

PRESENTER: Steve Gamblin, WCT Products, Inc.

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

Trenching and Excavating in Wastewater

Cal OSHA trenching and excavation standards (CCR1541) require employers to identify and control hazards where workers are exposed. According to Cal OSHA, over a 5-year period, 26 California workers died, and 207 others were injured in trench cave-ins. In almost every instance, improperly implemented protective measures were the cause of the accident. In this session participants will learn about common hazards encountered when working in or near trenching and excavations, best practice methods to correct these hazards, the importance of competent person designations and daily inspections, and how wastewater can introduce another layer of hazards to control.

PRESENTER: Andrew Corral, Association of California Water Agencies Joint Powers Insurance Authority (ACWA JPIA)

Traffic Control for Mobile Operations

Training for traffic control in mobile operations is crucial to ensure safety, maintain compliance with ever-evolving standards, and achieve seamless traffic flow. With tailored training, controllers become

SESSION DESCRIPTIONS (continued)

adept at handling dynamic road situations, using equipment correctly, and responding efficiently to emergencies.

PRESENTER: Joe Larson, ehs International, Inc.

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

A Journey Through the Cal/OSHA Citation Process

In March of 2022, Western Municipal Water District experienced an injury which turned out to be a Cal/OSHA reportable. During this time many COVID-19 restrictions were still in place at workplaces, hospitals, medical clinics, and other facilities. This presentation discusses what happened during the incident, treatment completed onsite, CPR/first aid training, employee concerns/refusals, the aftermath of treatment, failures of emergency rooms for documentation, the inspection process and the ways in which COVID-19 changed it. Other topics include the dreaded spam folder, the rebuttal process, investigation documents – who to share with and where to keep them, defense against citation and explanation, informal conference, closure, and current policies and procedures that helped navigate the incident, as well as changes that Western Municipal Water District made to become better prepared.

PRESENTER: James Chatwin, Western Municipal Water District

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

Manhole Virtual Models

One of the biggest hazards in maintaining wastewater systems is confined space entry. Not only are there hazards related to the limited space but also with the exposure to hydrogen sulfide and other toxic gases. Eliminating the need for confined space entry significantly improves the safety of operators in the field. RH Borden and Company has now developed a way to create an exact digital twin of underground structures such as manholes and wet wells and enabled operators to enter these manholes virtually through virtual reality headsets. This new technology is called Manhole Virtual Modeling (MVM) and can be used to assess attributes such as manhole degradation, dimensions, pipe sizes, infiltration, and many other attributes typically assessed in person by an operator. With this, manholes, wet wells, lift stations, and other confined spaces should never be entered for the purpose of assessments and should only be entered if construction or rehabilitation is required.

This class will explain how Manhole Virtual Models (MVM's) are created and used and provide case studies highlighting the benefits of this new technology.

PRESENTER: Jonathan Borden, RH Borden

Lockout/Tagout Lockout/Blockout: Why is this on?

This session educates employees about the importance of using LOTO/LOBO protection in the workplace to ensure worker safety. This course will raise the awareness of employees to the importance of following protocol of CalOSHA standards in regards to lockout tagout. The purpose of this course is to prevent injuries caused by unexpected start-up or the release of stored energy by machine and equipment during setup, maintenance and servicing. This is a general overview session with Q&A.

PRESENTER: Brandy Rodriguez, Reliance Safety Consultants

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

Remote Site Security

Remote facilities and remote infrastructure have unique challenges from both a physical security, and individual personnel security perspective. This presentation will highlight those challenges, some specific vulnerabilities typically associated with remote locations, and some options for agencies and individuals to consider when developing risk mitigation plans.

PRESENTER: Mark A. Sibayan Jr., PMP®, US Department of Homeland Security