



ENGINEERING &  
RESEARCH  
COMMITTEE



FEB  
26

Seminar

## EVENT INFO

### LOCATION

Irvine Ranch Water District -  
The Duck Club  
15 Riparian View  
Irvine, CA 92612

### DATE

Thursday, February 26, 2026

### TIME

8:00 A.M. – 3:45 P.M.

### REGISTRATION AND BREAKFAST

7:30 – 8:00 A.M.

### PRICE

\$120 for Members  
\$160 for Non-Members  
\$20 for Student Members  
\$40 for Student Non-Member

[REGISTER >](#)

REGISTER YOUR TEAM EARLY!  
Deadline to register is **2/10/26**.  
Register on CWEA's website  
[mycwea.org](http://mycwea.org)

# AI & Machine Learning in Wastewater (Southern CA)

## Agenda Highlights

- **Artificial Intelligence (AI) Overview:** Terminology, tools, and basics to building AI.
- **Data & Information Management:** Using AI for O&M improvements.
- **Getting Started:** Easy ways to integrate AI for efficiency.
- **Case Studies:** Data management, analytics platforms, and design tools.

Earn up to **5.5 CWEA Contact Hours**.

## Why Attend?

- Gain a comprehensive understanding of AI and Machine Learning in wastewater.
- Learn practical steps to implement AI tools today.
- Explore case studies, digital tools, and data analytics platforms.
- Participate in an interactive session to build your own basic AI program.
- Understand how AI can improve condition assessments, asset management, and operational efficiency.

## Who Should Attend?

Planners, Engineers, Project Managers, Program Managers, Operators, Maintenance personnel, and other water/wastewater professionals interested in learning more AI and Machine learning.

*Registration includes continental breakfast and lunch.*

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# AI & Machine Learning in Wastewater (Southern CA)

Start Time	End Time	Event
7:30 AM	8:00 AM	<b>Registration &amp; Continental Breakfast</b>
8:00 AM	8:10 AM	<b>Welcome</b> Oliver Saeby, CDM Smith – ERC; Alice Wang, HDR – SARBS
8:10 AM	8:55 AM	<b>AI: From Basics to Building AI Applications</b> Amber Boone, South Orange County Wastewater Authority (SOCWA)
8:55 AM	9:40 AM	<b>Crawl, Walk, Run, Fly: A Roadmap to Real-World AI in Wastewater</b> Peter Martin, Trinnex/CDM Smith
9:40 AM	10:25 AM	<b>Beyond Black-Box AI: Practical Machine Learning for Wastewater Operations</b> Chinmay N. Gaidhani, Black & Veatch
<b>10:25 AM</b>	<b>10:40 AM</b>	<b>Break</b>
10:40 AM	11:25 AM	<b>Enhanced Data Retrieval in the Digital Age</b> Nandita Ahuja, Hazen and Sawyer
11:25 AM	12:10 PM	<b>From Problem Solvers to Problem Definers: Advancing AI in Water Management Amid Industry Transformation</b> Roohi Toosi, APEX Environmental & Water Resources Lisa Haney, Orange County Water District
<b>12:10 PM</b>	<b>1:25 PM</b>	<b>Lunch</b>
1:25 PM	2:10 PM	<b>Building a Defensible System of Record for Sewer Condition Assessment &amp; Capital Planning</b> Eric Sullivan & Nico West, SewerAI
2:10 PM	2:55 PM	<b>Advancing Utility Adoption of AI and Large Language Models (LLMs)</b> Klnt Fletcher, Brown and Caldwell
2:55 PM	3:30 PM	<b>Q&amp;A with Speaker Panel</b>
<b>3:30 PM</b>	<b>3:45 PM</b>	<b>Closing Remarks, Feedback Survey, and Door Prizes!</b> Nathan Chase, Brown and Caldwell – SARBS