CWEA

SAN FRANCISCO BAY SECTION

ENGINEERING & RESEARCH COMMITTEE

FEB 24
Seminar

AI & Machine Learning in Wastewater (Northern CA)

EVENT INFO

LOCATION
Hazen and Sawyer
One Concord Center, 1st Floor
2300 Clayton Road
Concord, CA 94520

DATE
Tuesday, February 24, 2026

TIME
8:00 A.M. – 3:30 P.M.

REGISTRATION
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 **Feb 10th.**
Register on CWEA's website
mycwea.org

Agenda Highlights

- **AI/ML Overview:** Terminology, tools, and basics for implementing artificial intelligence (AI) and machine learning (ML).
- **Data & Information Management:** Using AI/ML to improve operational efficiency.
- **Case Studies:** Data management, analytics platforms, condition assessments, capital planning.
- **Interactive Sessions:** Engage with industry leaders and peers.

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

Why Attend?

- Gain a comprehensive understanding of AI and Machine Learning in the wastewater industry.
- Learn practical steps to implement AI/ML tools today.
- Explore case studies, digital tools, and data analytics platforms.
- Participate in interactive sessions with industry experts and peers.
- 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.

Contact: Kaitlin McGovern-Zhou, kmcgovern@hazenandsawyer.com or Guy Yager, yagerg@bv.com

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Start Time	End Time	Event
7:30 AM	8:00 AM	**Registration**
8:00 AM	8:30 AM	**Breakfast & Networking**
8:30 AM	8:40 AM	**Welcome** Kaitlin McGovern-Zhou, Hazen and Sawyer – ERC Guy Yager, Black & Veatch – SFBS
8:40 AM	9:00 AM	Ice Breaker Activity
9:00 AM	9:45 AM	**Crawl, Walk, Run, Fly: A Roadmap to Real-World AI in Wastewater** Peter Martin, Trinnex/CDM Smith
9:45 AM	10:30 AM	**Enhanced Data Retrieval in the Digital Age** Nandita Ahuja, Hazen and Sawyer
10:30 AM	10:40 AM	**Break**
10:40 AM	11:00 AM	Group Activity
11:00 AM	11:45 AM	**Building a Defensible System of Record for Sewer Condition Assessment and Capital Planning** Eric Sullivan & Eli Haynes, SewerAI
11:45 PM	12:20 PM	**Lunch**
12:20 PM	12:45 PM	Group Activity
12:45 PM	1:30 PM	**Advancing Utility Adoption of AI and Large Language Models (LLMs)** Ashwin Dhanasekar, Brown and Caldwell
1:30 PM	2:15 PM	**Beyond Black-Box AI: Practical Machine Learning for Wastewater Operations** Chinmay N. Gaidhani, Black & Veatch
2:15 PM	2:25 PM	**Break**
2:25 PM	2:45 PM	Group Activity
2:45 PM	3:15 PM	Moderated Group Discussion
3:15 PM	**3:30 PM**	**Closing Remarks, Feedback Survey, and Door Prizes!** Kaitlin McGovern-Zhou, Hazen and Sawyer – ERC Guy Yager, Black & Veatch – SFBS