

# Hot Topics for Hot Sewage



**CWEA**

**31<sup>st</sup>  
MAY**

*Challenges and changes to collection and treatment plant conditions and circumstances are driving the need for advancement and improvement and to rethink the future.*

The face of the wastewater treatment industry changed exponentially in the early seventies. By in large, we are still living with the treatment concepts, processes and technologies developed then and into the 1980s and '90s. Current changes in the quality of sewage and technological advances demands that we rethink and retool our craft. Further, changes in power, chemical and material supply-chain reliability and cost drives home that it is time for another exponential leap in the evolution of wastewater treatment.

This full day workshop brings forward advanced concepts, practical and efficient technologies and control strategies that will address the challenges of the near future. It is up to us to revolutionize treatment to serve our communities better, more reliably and more economically. First, we must overcome the organizational, physical and mental barriers that have kept us from going where we need to be.

## EVENT INFO

**Coachella Branch Library**  
1500 6<sup>th</sup> Street  
Coachella, CA 92236

### DATE

WEDNESDAY, May. 31, 2023

### TIME

8:30 A.M. – 3:30 P.M.

### REGISTRATION

7:30 – 8:30 A.M.

**CWEA MEMBERS/  
NON MEMBERS PRICE:  
FREE**

Lunch include for FREE

If you register and do not cancel,  
you will be billed a lunch fee of \$15.

50 People Max

To Register please CONTACT  
**Robert Huerta**  
[ruerta@coachella.org](mailto:ruerta@coachella.org)

**Contact Hours Awarded  
CEU**



## Workshop Sessions & Topics:

**Opening statement by Session Host Wyatt Troxel & Jamie Ferro**  
**Fifty Year Look-Back – Five Year Look-Forward**

Session 1: Jamie Ferro, West Yost/CER – Environmental and Economic Conditions That Are Changing Process Conditions Now and Into Our Future

Session 2: Wyatt Troxel, EnerVention Strategies – Digging into Details – What you may not know about Hydrogen Sulfide, BOD, SRT & MCRT and SVI and improving their effect and use in process control

Session 3: Invited Panel – Improving Process Control Decision Making – Developing An Interactive Process Control Dashboard

Session 4: Wyatt Troxel - Quantum advancements in mixing and aeration technologies; new microbiology measurements and control; advances in solids dewatering and reuse; advanced control of disinfection

Session 4: Panel Discussion (Ferro, Troxel, Others) – The Power Picture – It Isn't Pretty

Session 5: Round Table Discussions – Systems in Systems - Integrating the Solutions – What Are Your Take-Home Ideas?

Session 6 – Close-out summary: What did we learn – what do we take home?

Registration Form:

Name: \_\_\_\_\_

Agency: \_\_\_\_\_

Email: \_\_\_\_\_