

**Conference Locations:**

**Southern California**

Tuesday, January 18, 2011  
Los Angeles County Sanitation Districts  
1955 Workman Mill Road, Whittier, CA 90601

**Northern California**

Wednesday, January 19, 2011  
Shannon Community Center  
11600 Shannon Avenue, Dublin, CA 94568



**Workshop Overview:**

Get the up to date information you need to know about Biosolids Regulations from nationally recognized experts in biosolids research and regulations.

This workshop will provide you with a wider outlook and understanding about what is known, what is needed, and where the Biosolids industry research and regulations are going.

**Who Should Attend:**

Operators, practitioners, and managers practicing in the wastewater, and resource recovery industries throughout California.

**Approved for CWEA Contact Hours:**

- Environmental Compliance Inspector (ECI)
- Laboratory Analyst (LAB)
- Operator (OP)
- Biosolids Land Application Management (BLAM)

CWEA Specialty Conferences  
7677 Oakport Street, Suite 600  
Oakland, CA 94621  
Phone: 510-382-7800 ext. 115  
Fax: 510-382-7810

Register online at [www.cwea.org/conferences](http://www.cwea.org/conferences)



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Oakland, CA 94621 -135



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Water  
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Association

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**CWEA One-Day  
Specialty Workshop**

**Biosolids:  
Putting Regulators and  
Researchers in Touch  
with YOU... the  
Practitioner.**

- **Gain knowledge** about implications of recent research, what detection vs. non detection of constituents in biosolids means.
- **Find out how** you can contribute to ongoing studies that can help develop and employ strategies to deal with biosolids issues.
- **Walk away with** more knowledge and how to comply with research and regulations!

**Tuesday, January 18, 2011  
Whittier, CA**

**Wednesday, January 19, 2011  
Dublin, CA**



SAN FRANCISCO BAY SECTION  
California Water Environment Association

**Brought to you by CWEA,  
its Los Angeles Basin Section and  
San Francisco Bay Section**

# ***Biosolids: Putting Regulators and Researchers in Touch with YOU... The Practitioner***

## **CONFERENCE SPEAKERS:**

**Greg Kester, CASA Biosolids Program Manager, California Association of Sanitation Agencies** - Greg has been involved in the industry since 1973 and has been the CASA Biosolids Program Manager since 2007. Mr. Kester served on the National Academies of Science Committee that produced the 2002 report "Biosolids Applied to Land, Advancing Standards and Practices".

**Rick Stevens, Senior Biologist, Office of Science and Technology, US EPA** - As the Nation Biosolids Regulatory and Technical Coordinator, Mr. Stevens performs a variety of functions related to improving or sustaining water quality.

**Alan Hais, P.E., BCEE, WERF Program Director for the Solids Treatment, Residuals, and Reuse Program** - Mr. Hais spent 36 years in government, and in management and technical positions with the EPA water programs. Mr. Hais was responsible for various phases of the Part 503 Sewage Sludge Regulations.

**George O'Connor, PhD, Professor of Environment Soil Chemistry, University of Florida** - Dr. O'Connor's research focuses in environmental soil chemistry principles to guide responsible and beneficial use of non-hazardous wastes on soils.

**Bob Brobst, Biosolids Coordinator, Region 8 United States Environmental Protection Agency**

**Tom Young, PhD, Professor of Environmental Engineering University of California, Davis** - Dr. Young has a Masters in Public Policy and a PhD in Environmental Engineering. His research has focused in the area of environmental sorption processes. Dr. Young has strong interest in the application of engineering to policy-making.

**Robert Bastian, Wastewater Manager, United States Environmental Protection Agency**

**Marylynn Yates, PhD, Professor of Water and Wastewater Microbiology University California, Riverside** - Dr. Yates conducts research in the area of water and wastewater microbiology. Her research is focused on assessing the potential for the contamination of water by human pathogenic microorganisms.

**Rufus Chaney, Research Agronomist, United States Department of Agriculture**

**Sally Brown, PhD, Research Associate Professor: Soil Amendments, In situ remediation, carbon sequestration, University of Washington** - Dr. Brown has focused her research on beneficial end use options for a range of residuals including biosolids and reclaimed water. Dr. Brown was part of a team that created a greenhouse gas calculator for different biosolids end use/disposal options for the Canadian Government.

## **Workshop Agenda**

**Earn up to 7.5 CWEA  
Contact Hours and up to  
0.6 SWRCB CEUs**

7:45 am - 8:15	Registration
8:15 am - 8:20	Welcome - <b>Todd Jordan</b> , Carollo Engineers (North) <b>Dave Bachtel</b> , Lee & Ro (South)
8:20 am - 9:00	California Biosolids Update of Relevant Issues - <b>Greg Kester</b>
9:00 am - 9:40	History of Regulatory Development and What is on the Horizon - <b>Rick Stevens</b>
9:40 am - 9:55	<b>Networking Break</b>
9:55 am - 10:35	Biosolids Research - Where are We Going? - <b>Alan Hais</b>
10:35 am - 11:15	Requirements to Assess Fate and Transport and Perform Risk Assessment - <b>George O'Connor, PhD</b>
11:15 am - 12:00pm	Putting Presence or Absence of Constituents in Biosolids in Perspective - <b>Bob Brobst</b>
12:00 pm - 1:00	<b>Lunch Provided</b> - CWEA Biosolids Technical Certification Program Discussion
1:00 pm - 1:40	Triclosan and Triclocarban in Biosolids - <b>Tom Young, PhD</b>
1:40 pm - 2:10	Dioxin and Radiation in Biosolids - <b>Robert Bastian</b>
2:10 pm - 2:50	Pathogen Research - <b>Marylynn Yates, PhD</b>
2:50 pm - 3:05	<b>Networking Break</b>
3:05 pm - 3:35	Overview of Chemical Research from Biosolids Land Application - <b>Rufus Chaney</b>
3:35 pm - 4:15	Climate Change Issues Related to Biosolids - <b>Sally Brown, PhD</b>
4:15 pm - 4:45	<b>Round Table Discussion on Pertinent Research</b>

## **Biosolids Specialty Workshop Registration Form**

First Name	Last Name	Name for Badge
Agency/Company		
Address		
City	State	Zip Code
Attendee Email Address		
Phone	Fax Number	
Emergency Contact	Phone	
<input type="checkbox"/> <b>Member</b> CWEA, WEF or CA-NV AWWA Mbr # _____ <small>(Current membership required for member rates.)</small>		
<input type="checkbox"/> <b>Special Services:</b> Please check here if you require special accommodations to fully participate. Attach a written description of your needs.		

<u>Register for:</u>	<u>Tuesday 1/18</u>	<u>Wednesday 1/19</u>
Early Bird Member Rate <small>Before January 4th</small>	<input type="checkbox"/> \$165	<input type="checkbox"/> \$165
Early Bird Regular Rate <small>Before January 4th</small>	<input type="checkbox"/> \$231	<input type="checkbox"/> \$231
Member Rate <small>After January 4th</small>	<input type="checkbox"/> \$185	<input type="checkbox"/> \$185
Regular Rate <small>After January 4th</small>	<input type="checkbox"/> \$251	<input type="checkbox"/> \$251

### Method of Payment:

- |  |  |
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| <input type="checkbox"/> Check "CWEA 2011 Biosolids" | <input type="checkbox"/> Discover                          |
| <input type="checkbox"/> Visa                        | <input type="checkbox"/> MasterCard                        |
| <input type="checkbox"/> American Express            | <input type="checkbox"/> Purchase Order — Must be attached |

Credit Card # \_\_\_\_\_ Exp. date \_\_\_\_\_

Name as it appears on the card \_\_\_\_\_ Billing Zip Code \_\_\_\_\_

Signature \_\_\_\_\_

**If more than one person from your agency, please photocopy and submit one form for each person.**

Written cancellation notice is required, and must be received at least 15 days prior to the conference 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 any conference.

All fees for conference registration shall be paid in full at the time of pre-registration or on-site registration. Full payment may be made by credit card, personal check or company/agency check. Purchase orders are acceptable and must be attached to the registration form. Registrations received by CWEA without full payment or purchase order will not be processed.

**Register online at: [www.cwea.org/conferences](http://www.cwea.org/conferences)  
Credit Card payments may be mailed to the CWEA office  
OR FAX completed forms to (510) 382-7810**