

Residuals and Biosolids 2014

**Sustainability Made
Simple: Facilitating
Resource Recovery**
May 18 – 21, 2014
Austin Convention Center
Austin, Texas



 **Water Environment
Federation**
the water quality people®



This conference is held by the Water Environment Federation in cooperation with the Water Environment Association of Texas.

North America's longest running and most successful solids management conference provides an exclusive opportunity to network with researchers, thought leaders, and practitioners and explore unprecedented commercial and technical opportunities in biosolids.

This year's conference will provide comprehensive information on how to achieve resource recovery, with topics ranging from the latest research on recovery technologies to examples of tools and approaches that support the development of resource recovery programs. The technical program is structured to benefit all attendees, offering valuable learning opportunities to both seasoned biosolids professionals and newcomers to the field.

Opening General Session

Monday, May 19 | 8:30 am – 12:00 pm

The Opening General Session will feature dynamic speakers who will share their vision of biosolids resource recovery and, more importantly, how to achieve that vision. This session will offer a not-to-be-missed opportunity to see biosolids from a new and exciting perspective and to learn about innovative programs already underway to enable resource recovery in biosolids.

Program Focus: Essentials/Fundamentals

The technical program includes a dedicated track extending throughout the program focusing on the fundamentals of biosolids handling technologies and management. Sessions identified within this track will appeal to attendees at each level of expertise, with information presented from a ground-up perspective. This track covers various processes and technologies employed in a wide range of solids management strategies, including thermal processes, stabilization, thickening, conditioning, and dewatering, as well as biosolids management and beneficial use programs.

Registration Fees

Super Saver Deadline:

April 18, 2014

Full Conference (Super Saver):

\$630 member/\$870 nonmember

Full Conference:

\$775 member/\$1,030 nonmember

One-Day Conference (Super Saver):

\$370 member/\$470 nonmember

One-Day Conference:

\$440 member/\$520 nonmember

Expo Only:

\$125 member/\$150 nonmember

Student Registration:

\$0 member/\$100 nonmember

Note: Cancellations must be received by May 9 to be eligible for a refund.

Hotel Accommodations

Hilton Austin

500 East 4th Street

Austin, Texas 78701

Reserve By Phone: 1.800.445.8667

Reserve Online: <https://resweb.passkey.com/go/WaterEnvironmentFederation2014>

Book your hotel at the Hilton Austin by April 17 to be eligible to receive the discounted conference rate of \$189 per night.

The conference rate is available on a first-come, first-served basis. When booking, please ask for the Water Environment Federation—Residuals and Biosolids 2014.

Continuing Education Credits

Attendees may earn Continuing Education Units (CEUs) for participation in workshops, Professional Development Hours (PDHs) for the Opening General Session and technical sessions, and Contact Hours for the tour.

Please note: Conference participants are responsible for exploring their state requirements to confirm these educational credits are recognized.

0.6
CEUs

14.25
PDHs

3.5
Contact
Hours

www.wef.org/ResidualsBiosolids



Full-Day Workshop (Super Saver):

\$160 member/\$180 nonmember

Full-Day Workshop:

\$175 member/\$200 nonmember



Half-Day Workshop (Super Saver):

\$90 member/\$110 nonmember

Half-Day Workshop:

\$110 member/\$130 nonmember



Implementing Co-Generation for Resource Recovery

Workshop A | May 18 | 8:30 am – 5:00 pm

The workshop will focus on challenges and solutions for implementing co-generation programs. The speakers and panel members—which include owners, engineers, operators, and equipment vendors—will provide a variety of perspectives.



Advancing Energy Recovery through WERF Research

Workshop B | May 18 | 1:30 pm – 5:00 pm

The Water Environment Research Foundation (WERF) provides research to understand the untapped potential of wastewater as a renewable resource. This research advances the shift from wastewater treatment to Water Resource Recovery, particularly by reaching the potential for energy recovery from residual solids. In this session, WERF researchers will identify pathways to energy net-zero operations using best practices at facilities like yours. They will focus on better carbon management and the use of the codigestion of organic waste to enhance energy recovery. Speakers will show how far facilities have come and where the future challenges lie.



You Just Can't Hide a Biosolids Program—But You Can Communicate It

Workshop C | May 18 | 1:30 pm – 5:00 pm

This workshop will provide an understanding of the critical importance of proactive communications regarding your biosolids management program, as well as an introduction to and new ideas for communicating biosolids messages, including working with the media.



NBP Biosolids Management Program: Tier 2 Auditor Training

May 18 | 8:30 am – 12:00 pm

This National Biosolids Partnership (NBP) Biosolids Management Program Tier 2 Auditor training program is designed especially for those working in the biosolids industry interested in auditor training accreditation. This is an excellent opportunity for a professional credential that prepares you for entering into the BMP auditing field. This training can be a first step to becoming certified as an internal or external auditor.

Tour | \$35 member/nonmember

Facility Tour: Austin Water Utility

May 20 | 1:30 pm – 5:00 pm

The tour will feature the Austin Water Utility (AWU) Hornsby Bend Regional Biosolids Management Plant, home to the award-winning Dillo Dirt composting program and a cornerstone of AWU sustainability initiatives. The facility manages about 75 dry tons of wastewater solids, pumped to Hornsby Bend from AWU's two wastewater treatment facilities—recovering energy, nutrients, organics, and water through its operations.

In addition to a newly expanded composting facility, tour attendees will see renovated anaerobic digesters (featuring linear motion mixers), a new membrane gas storage system, and CHP facilities. The tour will also feature new automated polymer systems recently installed to optimize dewatering, as well as one of the premier birding sites in Central Texas—Hornsby's solids lagoons.

www.wef.org/ResidualsBiosolids



Social Event

**WEAT Social Event: Night at the Scholz Garten—
Right Up Your Alley**

May 18

Hosted by WEAT, conference attendees will be invited to split on over to Scholz Bier Garten for an Austin, Texas-style evening. With a traditional German Biergarten, bowling, live music, and plenty of food to spare, it's sure to be a strike!

Keep an eye out for an invitation and be sure to reserve the evening on your calendar to have some fun with WEAT.



Schedule-at-a-Glance



Monday, May 19	
7:30 am – 5:00 pm	Registration Open
8:30 am – 12:00 pm	Opening General Session
10:00 am – 6:30 pm	Exhibition Hours
12:00 pm – 1:30 pm	Luncheon
1:30 pm – 4:45 pm	Resource Recovery in the Lone Star State
	Thickening and Dewatering
	Integrated Organics Management
	Solids Handling Process Considerations*
5:00 pm – 6:30 pm	Networking Reception
Tuesday, May 20	
8:00 am – 5:00 pm	Registration Open
8:30 am – 10:00 am	Thermal Hydrolysis Processes
	Thermal Processes
	Energy Recovery Case Studies
	Stabilization Processes*
10:00 am – 3:45 pm	Exhibition Hours

Tuesday, May 20 <i>continued</i>	
12:00 pm – 1:30 pm	Luncheon
1:30 pm – 3:00 pm	Digestion Pretreatment
1:30 pm – 5:00 pm	Sidestream Nutrient Removal
	Digester Volume Expansion: Gas Holdup and Foaming
	Considerations for Resource Recovery*
1:30 pm – 5:00 pm	Facility Tour: Austin Water Utility
3:30 pm – 5:00 pm	Codigestion
Wednesday, May 21	
8:00 am – 12:00 pm	Registration Open
8:30 am – 10:00 am	Digester Operation and Optimization
	Biosolids Marketing
8:30 am – 12:00 pm	Beneficial Use: Benefits and Challenges
10:15 am – 11:45 am	Biological Phosphorus Removal: Impacts on Dewatering
	Constituents of Emerging Concern

*Essentials/Fundamentals Track

Exhibition Opportunities

Residuals and Biosolids 2014 gathers more than 700 researchers, thought leaders, and practitioners to explore unprecedented commercial and technical opportunities in biosolids.

Exhibition: May 19–20

Exhibit Space Rates per 10' x 10' Booth

WEF Exhibitor Member: \$1800

Nonmember: \$2400

Corner Fee: \$75

Please note: WEF has multiple types of memberships. Only WEF Exhibitor Members are eligible for the discount on exhibit space.

Space rates include:

- Two complimentary booth personnel badges
- Listing in the conference program exhibitor directory
- Inclusion in the online exhibitor directory listing
- Pre-registered and final conference attendee lists in Excel format
- One copy of conference proceedings on USB

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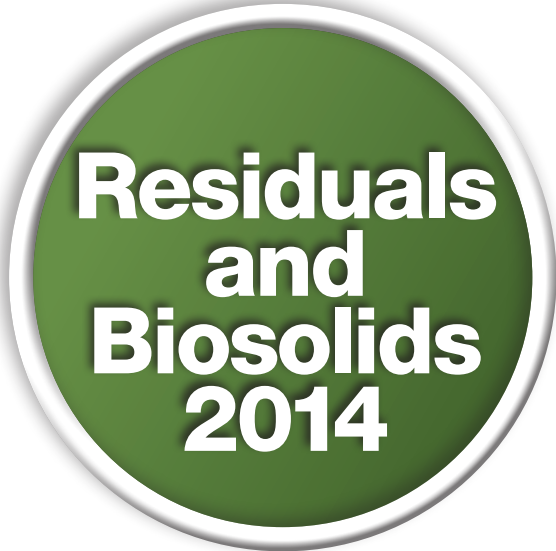
Sponsorship Opportunities

Sponsorships at Residuals and Biosolids 2014 will enhance your company's visibility and provide greater awareness of your branding, products, and services to conference attendees. Opportunities include new conference-wide packages containing ad placements in the conference program; registration giveaways, such as tote bags, stylus pens, and notepads; support of the opening general session, breaks, luncheons, and the networking reception; and new hotel sponsorships. Each opportunity offers multiple branding exposures (pre-show and onsite) at price points designed for any marketing plan.

For more information, contact:

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