California Bioresources Alliance Symposium 2023

Developing the Circular Bioresources Economy in California

The California Bioresources Alliance (CBA) 2023 Annual Symposium will be held on Tuesday November 28 and Wednesday November 29. This year we are planning a hybrid event on Zoom and in the Byron Sher Auditorium at the CalEPA building in Sacramento.

Tuesday November 28
9:00 – 9:15: Welcome: Lauren Fondahl, Dan Noble
9:15 – 10:45: SB 1383 Progress Report   *Moderator: Greg Kester, California Association of Sanitation Agencies*
Speakers:
Cara Morgan, CalRecycle: Update on the SB 1383 program
City of Roseville: New Anaerobic Digester installation
Yaniv Scherson, Anaergia: Challenges to implementing biosolids heat drying alternative

10:45 – 11:00: Break
11:00 – 12:30: SB 1383 Cost-Effective Energy Options
Moderator: Chuck White, Manatt, Phelps, and Phillips
12:30 – 1:30: Lunch hour

1:30 – 3:00: <u>Bioproducts Production Water Management Issues</u>   *Moderator: Cara Gillen, US EPA Region 9*
Speakers:
Scott Dowlan, Caltrans
Danielle Ballard, Bullseye Farms
Cal Can speaker
3:00 – 3:15: Break
3:15 – 4:00: <u>Environmental Justice Issues</u> *Moderator: Lauren Fondahl, US EPA Region 9*
Speakers:
Andee Leisy, RMM Environmental Law
      Janaki Anagh, Community Water Center: Water and Soil Environmental Justice in California
4:00 – 4:45: <u>Discussion</u>: Problem Solving and Next Steps
Discussion leader: Dan Noble, ACP

4:45: <u>Reception</u> CalEPA Lobby

<u>**Wednesday November 29**</u>
9:00 – 9:15: Opening
9:15 – 10:45: <u>SB 1383 Bioresource Procurement Teams</u>
*Moderator: Dan Noble, Association of Compost Producer*s
Speakers:
Craig Kolodge, SPV Soils: ACP Team – Collaboration in the local economy
Leo Beckerman, Zero Foodprint: Zero Foodprint's unique program
Michelle Young, Santa Clara County: A leading jurisdiction's perspective and experience

10:45 – 11:00: Break
11:00 – 12:30: <u>Methane and VOC reduction at Bioresources Facilities</u>   *Moderator: Kevin Eslinger, California Air Resources Board*
Speakers:
David Rothbart, LACSD: Air permitting challenges posed by SB1383
Mike McCullough, Professor, CalPoly: Clean Biomass Collaborative update
Kevin Barnes: Post organic landfill gas management

12:30 – 1:30: Lunch hour

1:30 – 3:00: Bioresources Research Updates

Moderator: Dr. Ruihong Zhang, UC Davis Department of Biological and Agricultural Engineering

Speakers:

> **Mark Mascal, Professor, UC Davis Dept. of Chemistry: Carbon negative fuels and plastics from biomass**

> **Ruihong Zhang, Professor, UC Davis Dept. of Biological and Agricultural Engineering: READ project for converting foodwaste into biogas energy and fertilizer**

> **Cameron Pittelkow, Associate Professor, UC Davis Dept. of Plant Science: Exploring the potential for digestate to improve nutrient use efficiency while reducing GHG emissions in agriculture**

3:00 – 3:15: Break

3:15 – 4:00: Experiences:

Speakers:

Jim Dunbar, Lystek: Benefits of automation

Chad White, Marin County Resource Conservation District: MRCD biomass utilization

4:00 – 4:45: Discussion

CBA brings together municipal organic waste reduction and climate managers, facility developers and operators, local zoning and permitting authorities, State agencies, policymakers, trade associations, public interest organizations, and academia to discuss how to make full use of our organic residuals.

The symposium is organized by US Environmental Protection Agency (EPA) Region 9, California Air Resources Board (CARB), California State Water Resources Control Board (SWRCB), Association of Compost Producers (ACP), California Association of Sanitation Agencies (CASA), UC Davis, and Manatt Phelps and Phillips, For questions, please contact Lauren Fondahl, fondahl.lauren@epa.gov. Registration is free at California Bioresources Alliance Symposium 2023 Tickets, Tue, Nov 28, 2023 at 9:00 AM | Eventbrite