

CBA 15th Annual Symposium: Building the Regenerative Carbon Economy in California

Thursday, November 12th – Deploying Technologies That Meet Local Market Needs

Time	Topic	Presenter	Organization
9:00-9:35	Introductions and Welcome <i>Sara Hammes, Chris Seney & Dan Noble</i>		
	Analysis of the Progress Toward the SB 1383 Organic Waste Reduction Goals: The Starting Reference Point for CA	Timothy Hall	CalRecycle
9:35-10:30	Top Down Perspective: Investing in the Circular Bioeconomy <i>Moderator: Tom McGrath</i>		
	Rialto Project	Yaniv Scherson	Anaergia
	System Integration of Bioresource Technologies	Joe Maceda	Zero Net Farms
	Technology Innovation Pipeline & Countywide Program for Managing Biomass and Drawdown	Chad White	BAAQMD
10:30-10:40	Break		
10:40-11:45	Bottom Up Perspectives: Market Ready Solutions <i>Moderator: Sara Hammes</i>		
	Distributed Wastewater Processing and Biosolids Distribution	Aaron Tartakovsky	Epic Cleantech
	Community Composting	Michael Martinez	LA Compost
	Approach of Smaller Scale Facilities	Jim McNelly	RCM-NaturTech Soils
11:45-12:30	Product Quality: Removing Contaminants <i>Moderator: Dan Noble</i>		
	Distributed Bioproduct Portfolio Production and Use	Patrick Browne	BioCarbon Technologies
	ACP Contamination Reduction Guidebook	Dan Noble	Association of Compost Producers (ACP)
	New Technology on Digester Gas Cleanup of New Compounds	Joerg Blischke	Black and Veatch

12:30-1:15 Lunch Break

1:15-2:00 Emerging Constituents of Concern

Moderator: Lauren Fondahl

CARB on Air Toxics in Compost	David Rothbart	LACSD
PFAS in Biosolids and Compost	Ryan Batjiaka	SFPUC
Orchestrating Agency Collaboration	Tung Le	CAPCOA

2:00-4:00 Agricultural Residue Management and Healthy Soil

Moderators: Ruihong Zhang & Tyler Barzee

Climate Smart Alternatives for Agricultural Residues	Geetika Joshi	CA Department of Agriculture
Putting Almond Biomass into Optimal Use	Guangwei Huang	Almond Board of CA
Composting and Application of Dairy Manure and Almond Biomass for Healthy Soils	Ruihong Zhang	UC Davis
Manure as a Foundation to a Renewable, Circular Fertilizer Economy	J.P. Cativiela	Dairy Cares

Friday, November 13th – Regulation, Compliance, and Research Updates

Time	Topic	Presenter	Organization
9:00-10:30	SB 1383 Implementation <i>Moderator: Greg Kester</i>		
	Overview of The Regulations to Implement SB 1383 and How They Impact the Wastewater and Solid Waste Sectors	Ashlee Yee	Calrecycle
	Overview of Successful Co-Digestion Program at a POTW With Lessons Learned	Jason Dow	Central Marin Sanition Agency
	Overview of Organic Waste Processing Requirements from a Solid Waste Perspective	Hillary Gans	Rethinkwaste
	Key Takeaways of Co-Digestion Capacity Analysis and How State Water Boards are Facilitating Projects	Charlotte Ely	SWRCB
	Overview of Committee and Upcoming Legislative Efforts for 2021	CA Senator Ben Allen	Chair of Senate Environmental Quality Committee

10:30-10:45 Break

10:45-11:45 Lawrence Berkeley Laboratories - Bioresources Research Update

Moderator: Lauren Fondabl

Accelerating Deployment of Recovery Infrastructure: 2020 Update

Chelsea Preble, Corinne Scown, & Sarah Smith

Lawrence Berkeley Labs

11:45-12:00 Flash Presentations

Battery Storage of Energy from Biogas

Kelly Sarber

ACP Environmental Justice Toolkit

Janaki Jagannath

12:00-1:00 Lunch Break

1:00-2:30 Emerging Bioresource Solutions & Barriers

Moderator: Chuck White

Manufacturing Biofuels and Renewable Chemical Products from Non-Recyclable Waste

Denis Arguin

Enerkem

Bioelectrical Conversion of Organic Waste to Hydrogen Fuels

Alex Lewis & Abhijeet Borole

Electro-Active Technologies

California's decarbonization targets and beyond: Decentralized Waste to Hydrogen solutions

Jean-Louis Kindler

Ways2H

2:30-3:30 Reclamation of Fire-Damaged Lands

Moderator: Greg Kester

Research at Las Virgenes

Harry Allen

US EPA Region 9

Compost Remediation

Dr. David Crohn

UC Riverside

Restoration of Fire Damaged Forest Lands

Bill Stewart

Co-Director, Berkeley Forests

3:30-4:00 Where are we going in the future? Building Bioeconomy with Bioresources

Moderator: Dan Noble

ACP SB 1383 Compost Marketing/Procurement Plan

Sara Hammes

Bioresource to Regenerative Economic Planning

Dan Noble

The symposium is organized by US EPA Region 9, CA Air Resources Board, CA State Water Resources Control Board, Bay Area Air Quality Management District, Association of Compost Producers, CA Association of Sanitation Agencies, Institute for Global Communications, Manatt Phelps & Phillips, Vital Clean Tech Ventures, and JDMT Press.

Registration is free and can be found at [California Bioresources Alliance Symposium 2020](#)