



2021 California Bioresources Alliance Symposium Program “Pathways for Integrating Our Bioresources Management”

Registration is open via Zoom: <https://bit.ly/2021-cbas-registration>
(https://ucdavis.zoom.us/webinar/register/WN_yAuDguUxRPypAsvLHHXA)

Thursday, November 18:

Time

- 9:00 - 9:15** **Opening**
- 9:15 – 10:45** **New collaborations for bioresources management and financing**
- **Moderator: Dan Noble, Association of Compost Producers**
 - **Speakers:**
 - Dr. Mike McCullough, Professor, CalPoly SLO: Introduction to California Clean Biomass Collaborative
 - Gregory Wendt, Director, Stakeholders Capital: California Economic Forum
 - Kristen McIvor, Harvest Pierce County: Tacoma Community Garden
 - Kournii Brown, President, California Alliance for Community Composting
- 10:45-11:00** **Break**
- 11:00-12:30** **Market integration in production, treatment, and distribution of bioresources**
- **Moderator: Kevin Eslinger, California Air Resources Board**
 - **Speakers:**
 - Dan Noble, President, Noble Bioresources Inc.: Bioresources Industry Systems Dynamics Model
 - Christine Lenches-Hinkel, President, 301 Organics: Rose Bowl Community Compost and Education
 - Brian Vagg, President, Sprouting Soil: Soil Food Web – Biological Complete Compost
 - Kathleen Draper, COB, International Biochar Initiative: European Biochar Standards
- 12:30-1:30** **Lunch break**
- 1:30 -3:00** **Achieving zero net carbon**

○ **Moderator: Tom McGrath, Vital Clean Tech Ventures**

▪ **Speakers:**

- Joseph Maceda, CEO, 3G&S Inc: Biohydrogen Products in California
- Marshall Mermell, CEO, Advanced Resilient Technologies, Ltd: Biochar
- Evan Edgar, Principal, Edgar and Associates: Solid Waste Industry White Paper
- Bob Baldwin, National Renewable Energy Laboratory: Decarbonizing the Transportation Industry

3:00 – 3:15 Break

3:15 – 4:45: **Bioplastics as a bioresource**

○ **Moderator: Jeanette Hanna, Biopolymers Market Development Manager, BASF**

▪ **Speakers:**

- Tim Goodman, Senior Circular Economy Manager, NatureWorks: Characteristics and Applications for Polylactic Acid (PLA) Resin
- David Fridland, EcoProducts: Compostable Products Manufacturing
- Susan Thoman, Founder/President Compost Manufacturers' Alliance: Compostable vs Biodegradable
- Hilary Near, SF Environment: Compostable Bags for Food Scraps in a High Diversion Program

Friday, November 19

9:00 – 9:15 Announcements

9:15 – 10:45 **Progress on California SB 1383**

○ **Moderator: Greg Kester, California Association of Sanitation Agencies**

▪ **Speakers:**

- John Hake, East Bay MUD: Wastewater Perspective on co-digestion opportunities and challenges
- Chris Hyun, State Water Resources Control Board: Update on Excess Digester Capacity Analysis and Water Boards Perspective
- Julia Dolloff, CalRecycle: CalRecycle Update on SB 1383 Implementation
- Hilary Gans, Rethink Waste: Solid waste organic cleanup technology for co-digestion – A case study

10:45 – 11:00 Break

11:00 – 12:30 Research on bioresources products to build healthy soil

○ **Moderator: Dr. Ruihong Zhang, Dept. of Biological and Agricultural Engineering, UC Davis**

▪ **Speakers:**

- Tyler Barzee, Assistant Professor, University of Kentucky: Biofertilizer Economics and Environmental Impact
- Abdolhossein Edalati, PhD Student, UC Davis: Pelletization Technologies and its Application
- Nick Reckinger, Process and Bioresource Engineer, FEECO International: Granulation Technologies and its Applications

12:30 – 1:30 Lunch Break

1:30 – 3:00 **Advanced Bioresources Technologies to Transition to a Green Circular Economy**

○ **Moderator: Chuck White, Manatt, Phelps, and Phillips, LLP**

▪ **Speakers:**

- Chuck White, PE, Senior Advisor, Manatt, Phelps, and Phillips, LLP: Barriers to the use of advanced bioresources technologies
- Melinda Palmer, VP of Regulatory & Public Affairs, Kern Oil Company: Transitioning from oil to bioresources
- Steve Wirtel, PE, Exec. VP for Business Development, KORE Infrastructure: Creating a circular economy by converting locally generated waste into biogas, hydrogen, and carbon char
- T. J. Paskach, PhD, CEO, San Joaquin Renewables: Maximizing bioenergy carbon capture and storage benefits

3:00 – 3:15 Break

3:15 – 4:45 **Pathways for Improving Bioresources Management**

○ **Moderator: Anthy Alexiades**

▪ **Speakers:**

- Dr. Scott Coffin, State Water Resources Control Board: Plastics Contamination
- Julia Levin, Director, Bioenergy Association of California: Progress in Bioenergy Markets
- Brent Holtz, County Director, Farm Advisor & UC Cooperative Extension
- Jim Stewart, BioEnergy Producers Association
- **Open discussion**

4:45- 5:00 **Wrap-up, next steps**

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Please contact Lauren Fondahl at fondahl.lauren@epa.gov for any questions/comments.