



## CALIFORNIA COMPOST MANUFACTURING: PRINCIPLES AND PRACTICES JUNE 8 - 10, 2021

### A new two-day course with optional tour from the Compost Research & Education Foundation.

Take your composting expertise to the next level. Expand and refresh your knowledge of the compost production process, from feedstock delivery to product distribution.

Designed for those that need an in-depth understanding of the composting process, appropriate for:

Consultants  
Investors  
Equipment Vendors  
Recycling Coordinators

Regulators  
Sustainability Professionals  
Policy-makers  
Environmental Activists

This course will provide a solid foundation for those working at or with compost manufacturing facilities or are considering getting into the business.

The first two days will be live-streamed remotely. The **optional third day** is a day long, self-driven tour of composting facilities and includes demonstrations of manufacturing equipment (grinders, screens, etc.) and "tools of the trade".

# AGENDA

**June 8 – 10, 2021**

## **Day 1 Morning, 9:00 AM -12:00 PM**

- Introduction, Why Composting, Compost Regulations
- Compost Uses, Markets & Quality
  - Reading test results

## **Lunch Break (12:00 PM - 1:00 PM)**

## **Day 1 Afternoon, 1:00 PM - 4:00 PM**

- Basic Principles of Composting
- Composting Methods & Processing Operations

## **Day 2 Morning, 9:00 AM -12:00 PM**

- Facility Siting and Design
  - Siting Exercise
- Managing Contamination

## **Lunch Break (12:00 PM - 1:00 PM)**

## **Day 2 Afternoon, 1:00 PM - 4:30 PM**

- Environmental Protection
  - Stormwater
  - Odor & Air Quality
- Fires and Other Safety Considerations
- Troubleshooting & General Discussion

## **Day 3 All Day (Optional\*)**

- **Self driving tour** of a variety of composting facilities
- Will include demonstrations of processing, monitoring and sampling equipment
- Two separate tours will be available;
  - Northern (NorCal) and Southern (SoCal)
  - Specific locations in sidebar above.
  - Closed toe shoes required. PPE (Safety vests, hard hats, glasses and ear protection) to be provided if needed.

## **California Facility Tours**

To accommodate California composters, registrants may choose between one of two tours:

### **NorCal (June 10, 2021)**

Republic Services - West County  
Vision Recycling - Benecia Facility  
Napa Recycling - Napa

### **SoCal (June 10, 2021)**

San Pasqual Valley Soils - Escondido  
El Corazon Compost - Oceanside  
Evergreen Nursery - Oceanside  
Mirimar Geenery - San Diego



## **GET CERTIFIED!**

Registering for the 2-day course and the tour day, will meet the 3-day course prerequisite for the USCC's Professional Credential Programs:

**Certified Compost  
Operations Manager™**

**Certified Composting  
Professional™**

For more details, visit:

[www.certificationsUSCC.org/faq](http://www.certificationsUSCC.org/faq)

# NATIONAL SPONSORS



engineered **COMPOST** systems



# PRICING

## Standard Pricing

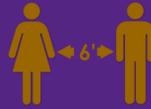
| Type                          | 2-Day Course (Livestream) | 1-Day Tour* | 3-Day Course (Livestream + Tour) |
|-------------------------------|---------------------------|-------------|----------------------------------|
| USCC/CACC Member (Livestream) | \$410                     | \$179       | \$530                            |
| Non-Member (Livestream)       | \$495                     | \$229       | \$652                            |

## Early Bird Pricing

(Must Register by May 10, 2021)

| Type                          | 2-Day Course (Livestream) | 1-Day Tour* | 3-Day Course (Livestream + Tour) |
|-------------------------------|---------------------------|-------------|----------------------------------|
| USCC/CACC Member (Livestream) | \$385                     | \$129       | \$450                            |
| Non-Member (Livestream)       | \$470                     | \$179       | \$572                            |

\* 1-Day Tour must be attended in person



**COVID-19:**  
We take safety seriously.

## GET REGISTERED!

Please review our [COVID-19 Policy](#) and the [California Travel Advisory](#) before registering. All attendees are required, to the best of their ability, to follow COVID-19 safety precautions during the tour.

[REGISTER](#)

To register, or for more information contact:

Wayne Howard  
[waynehoward@compostfoundation.org](mailto:waynehoward@compostfoundation.org)  
 301-897-2715 ext. 6749

## LOCAL SPONSORS

## INSTRUCTORS



To learn about how you  
can become a  
CM:PP Sponsor contact

**Beth Simone**

[bethsimone@compostfoundation.org](mailto:bethsimone@compostfoundation.org)  
301-897-2715 ext. 6725

### **CARY OSHINS**

Compost Research & Education Foundation

Cary Oshins has 30 years of experience in composting education, research, utilization and promotion. As Associate Director of the US Composting Council, his work focuses on member services, including the annual conference, developing the profession credential program, and industry advocacy at the state and national levels. He is also Education Director for the Compost Research & Education Foundation, where he runs the Composter Training Program, including the highly-regarded Composting Operations Training Course.

### **MATTHEW COTTON**

Integrated Waste Management Consulting, LLC

Matthew Cotton has worked in organics and solid waste management since 1986. He has served as a consultant, educator, researcher, and advocate for new and expanded organics recycling and composting programs in California and beyond. Mr. Cotton served on the Board of Directors of the US Composting Council for almost two decades, including as president for three years, and also serves on the Board of Californians Against Waste. He has published research on compost odors, compost use, climate impacts, compostable plastics, and compost facility infrastructure. Recently completed a statewide study of SB 1383 organics processing infrastructure for CalRecycle.

### **TIM O'NEILL**

Engineered Compost Systems

Tim O'Neill is president and founder of ECS and a USCC Certified Compost Facility Operator. He received his BS and MS in Mechanical Engineering at the University of Washington way back in the 1980's. He has worked as an engineer, inventor and entrepreneur in the composting industry since 1992. During that time he has developed numerous long-term relationships supplying technical support and equipment to some of the leading composting facilities in North America and beyond. His professional passion is combining science-based inquiry and practical lessons to help large-scale composters find commercial and operational success.

**Additional local guest instructors will share their expertise during the livestream.**