January 24-27 Austin, TX
COMPOST 2022
USCC Conference & Tradeshow

Preconference Workshop
Compost Carbon Connection

This course will provide a detailed overview of the connection between compost and climate change, and the opportunity for composting operations and use to help reduce the impacts of climate change.

Participants will leave with a good understanding of the connection between climate and composting, and with an understanding of compost operations factors impacting greenhouse gas emissions as well as potential (although still limited) opportunities for developing carbon credits associated with composting operations and sales.

Instructors: Sally Brown, Andrew Carpenter and Scott Subler

Fee: $215 for USCC members, $265 for nonmembers

Duration: 1:00 PM to 4:30 PM

CCOM™/CCP™ PDHs: 3.5

Agenda

1. Organic wastes and the carbon cycle
2. Composting and carbon sequestration
3. Greenhouse gas emissions as they relate to composting and compost use
4. Quantifying carbon sequestration and other climate-related benefits of composting
5. Carbon markets, carbon credits, USDA carbon amendment practice
6. Greenhouse gas emissions models as they relate to compost

About the instructors:

Sally Brown, PhD is a Research Associate Professor, Ecosystem Science Division, College of Forest Resources, University of Washington in Seattle. Sally has done other projects for CREF including as one of the editors of the Compost & Climate Connection.

Andrew Carpenter, founder of Northern Tilth, is a certified soil scientist, certified crop advisor and certified nutrient management planning specialist. Andrew has recently joined the CREF Board of Trustees.

Scott Subler, PhD, is Chief Science Officer for ClimeCo, a leader in the development and management of environmental commodities. Scott has led ClimeCo's project development team since joining with ClimeCo in 2015. Prior to ClimeCo, Scott was co-founder and President of Environmental Credit Corp., where he also Chaired the Offsets Committee for the Chicago

Climate Exchange from 2007 to 2011. Scott is a widely recognized scientific and policy expert in the areas of ecosystem carbon and nutrient cycling and management, soil ecology, and environmental credits, and has broad experience with the design, development, management, and finance of a variety of carbon offset project types, including industrial, waste management, agricultural, forestry, wetland, and renewable energy projects. He founded and served as President of Pacific Garden Company, a producer and marketer of organic soil fertility products. He also served as a research scientist and professor at The Ohio State University and holds a PhD in Ecosystem Ecology from Penn State University. He has previously served on the USCC Board of Directors and on the Board of Trustees for the Compost Research and Education Foundation.