

Spring 2025 Workshop Conference Agenda

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Wednesday, April 9, 2025 - Morning Technical Sessions

8:30AM - 11:30PM - Workshop Track #1: Emission Factors and Tools for Calculating Emissions

(Hoover HJ - Vanderbilt Wing - 8th Floor)

(Session Chair: Amy Marshall, CAPCA Vice President)

Amy Marshall, ALL4

Steven Moore, ALL4

The presenters will discuss the hierarchy of emissions estimation methods, how to select and use air emission factors, and the available EPA tools for calculating air emissions from stationary sources. The emission factor selection discussion will include AP-42, WebFIRE, greenhouse gases, site-specific data, and an overview of industry-specific options. The calculation spreadsheets on the NC DAQ website will be discussed. EPA tools to be discussed include the recently updated TANKS program and their WATER9 tool and the simple GHG calculator.

8:30AM - 11:30PM - Workshop Track #2: The Intersection of Air Quality and Safety – Safe Work Requirements for the Environmental Professional

(Roosevelt KL - Vanderbilt Wing - 8th Floor)

(Session Chair: Mark Hawes, CAPCA Past President)

Dr. Rick Kilpatrick, Shurtape

James Topp, Provenance Consulting

Environmental Professionals must be prepared to understand regulatory requirements beyond environmental rules, including OSHA requirements and safe work practices. This session will focus upon two key OSHA and Safe Work Practice concepts the Environmental Professional is likely to encounter.

- Process Safety Management and RMP share many common requirements. Process Hazard Analysis (PHA) and Mechanical Integrity are the focus for this session. Best tips and practices for effective PHAs and Mechanical Integrity processes as well as common pitfalls will be reviewed by our speaker.
- Walking and Working Surfaces present unique challenges for the Environmental Professional. An Environmental Professional may often find themselves navigating difficult, and remote, areas of a facility, and must be prepared to do so in a safe manner. The speaker will provide an overview of Safe Work requirements for OSHA's Walking -Working Surface standard (29 CFR 1910 Subpart D) along with best practices for several key focus areas on which the Environmental Professional must be knowledgeable.

10:00AM – 4:30PM – Registration (Coolidge - Vanderbilt Wing - 8th Floor)

11:30AM – 1:30PM – Young Professionals Committee Lunch Meeting

(Eisenhower FG - Vanderbilt Wing - 8th Floor)

This luncheon affords the opportunity for new and established young professionals and CAPCA attendees to network and be introduced to the Spring Conference and the role of the Young Professionals committee. (RSVP Required)

Wednesday, April 9, 2025 - Afternoon Technical Sessions

1:30PM - 1:40PM - Conference Welcome & Introductory Remark (Grand Ballroom A - Vanderbilt Wing - 8th Floor)

Amy Marshall, CAPCA Vice President and Chair of Program Committee

1:40PM - 2:20PM - Control Device Selection for a Capital Project

(Session Chairs: Rob VandenMeiracker, CAPCA Treasurer and Margaret Sembos, CAPCA Secretary)

Leo Tramm, TRC

Nina Zerman, Dürr

In the afternoon session, our speakers will take a capital project from planning to operation and discuss the relevant air quality related tasks, including best practices and what to watch for. The two example projects will be a boiler and a coating line.

2:20PM - 3:00PM - Air Permitting for a Capital Project

(Session Chairs: Rob VandenMeiracker, CAPCA Treasurer and Margaret Sembos, CAPCA Secretary)

Phil Cobbs, Builders FirstSource

Rick Kilpatrick, Shurtape

3:00PM - 3:30PM - Break (Exhibit Hall (Grand Ballroom B/C) - Vanderbilt Wing - 8th Floor)

3:30PM - 4:15PM - Commissioning a Capital Project

(Session Chairs: Rob VandenMeiracker, CAPCA Treasurer and Margaret Sembos, CAPCA Secretary)

Lawrence Otwell, Alliance

4:15PM - 5:00PM - Maintaining Compliance with Air Permit Requirements after your Capital Project

(Session Chairs: Rob VandenMeiracker, CAPCA Treasurer and Margaret Sembos, CAPCA Secretary)

Nikki McDill, Mercedes Benz

Tony Jabon, Trinity

Adam Krieg, Domtar

5:15PM - 6:15PM - Young Professionals Committee Cornhole Hour (Mountain View Terrace)

CAPCA's Young Professionals Committee is hosting an hour of relaxation and refreshment provided by **Tora Consulting**. Before heading to the Wednesday evening symposium/dinner, visit the Mountain View Terrace for a round of cornhole, a cold drink, live music from The Passing Scene brought to you by **TRC** and a bit of conversation. Meet someone new or challenge a colleague to a friendly competition. This event is open to all CAPCA members.

6:30PM - 8:30PM - Symposium/Dinner in the Heritage Ballroom (Sammons Wing - Lobby Level)

Thursday, April 10, 2025 - Morning Technical Sessions

7:30AM-8:30AM – Breakfast in Exhibit Hall (Grand Ballroom B/C - Vanderbilt Wing - 8th Floor)

8:00AM-4:00PM – Registration (Coolidge - Vanderbilt Wing - 8th Floor)

8:30AM - 8:40AM - Welcome & Introductory Remarks (Grand Ballroom A - Vanderbilt Wing - 8th Floor)
Session Chair: Tim Agner, CAPCA President

8:40AM - 8:45AM - Intro to the Whova App and Call for Participation
Session Chair: Melvin Stroble

8:45AM - 9:30AM - EPA Division Updates:
(Session Chair: Jessie King, CAPCA Director)

Amy Marshall, ALL4

Jessie King, Williams Mullen

Our first technical session of the morning will focus on what environmental policy, regulatory, and de-regulatory activity we can expect from the new administration and what's happening in Washington DC.

9:30AM - 10:15AM - NC and SC Updates:

Rhonda Banks Thompson, P.E., Chief Bureau of Air Quality SC Department of Health and Environmental Control, CAPCA Immediate Past President

Mike Abraczinskas, Director Division of Air Quality NC Department of Environmental Quality, CAPCA Past President

These presentations will provide an update on air quality activities in the South Carolina Department of Environmental Services (DES) and the North Carolina Department of Environmental Quality (DEQ)

10:15AM - 10:45AM - Break in Exhibit Hall (Grand Ballroom B/C - Vanderbilt Wing - 8th Floor)

10:45AM - 11:15AM -Morning Speakers Q&A Session
(Session Chair: Melvin Stroble)

Morning Speakers

Send in your questions ahead of this session at capcaquestions@gmail.com Moderated by Melvin Stroble.

11:15AM - 12:00PM - NC and SC Chamber of Commerce
(Session Chair: Melvin Stroble)

Will Frierson, Executive VP and Chief Government Affairs Officer, SC Chamber of Commerce

Alyssa Morrissey, Director of Regulatory and Legislative Affairs, NC Chamber of Commerce

Speakers from the NC and SC Chamber of Commerce will discuss their environmental focus areas and state and federal environmental regulatory and policy topics relevant to regulated industry in the Carolinas.

12:00PM - 1:00 PM - Lunch in Blue Ridge Dining Room (Vanderbilt Wing - Lobby Level)

1:00 - 1:30 PM - Program Committee Meeting
(Session Chair: Amy Marshall, CAPCA Vice President)

All attendees are invited to share ideas and suggestions for future CAPCA programs. The meeting will be held in the back of the main meeting room.

1:00-1:30 PM - Young Professionals Meeting
(Session Chairs: Claire Corta)

Young Professionals are invited to share ideas and suggestions for future CAPCA programs. The meeting will be held in the front of the main meeting room.

Thursday, April 10, 2025 - Afternoon Technical Sessions

1:30PM - 3:00PM - Environmental challenges associated with Hurricane Helene recovery in Western NC (Session Chair: Taylor Hartsfield, CAPCA Director)

Jason Watkins, Solid Waste Section Chief for NC Division of Waste Management

Ashley Featherstone, Director for Asheville Buncombe Air Quality Agency

Julie Grzyb, NC Division of Water Resources

In this session, we will hear perspectives from NC DEQ's Division of Water Resources and Division of Waste Management and from the Asheville Buncombe Air Quality Agency on the environmental (air, water, and waste) challenges associated with the devastating impacts of Hurricane Helene in Western NC. We will hear about the work that was done before, during, and after the storm event, with perspectives from staff who worked out of the state's Emergency Operations Center (EOC) and Asheville's EOC. Recovery efforts are ongoing and bring additional challenges to rebuilding infrastructure and managing disaster debris. Other topics include impacts to water and wastewater treatment operations, public water supply systems, establishing temporary disaster debris sites, landfill capacity issues, air curtain incinerator siting and operations, emergency air monitoring, and more.

3:00PM - 3:30PM - Break in Exhibit Hall (Grand Ballroom B/C - Vanderbilt Wing - 8th Floor)

3:30PM - 5:00PM - Climate/Energy/Sustainability Session

(Session Chair: Claire Corta)

Daryl Whitt, ALL4

T.R. Andrade, Dominion Energy

Dr. Arunachalam Lakshminarayanan, Rolls Royce

Sustainability Hot Topics – Where are We Headed Now?

With the change in Administration, there have been a lot of changes in sustainability initiatives and programs, but sustainability is not going away. This presentation will discuss the priority issues in sustainability that we are seeing in the market today, including the impacts of the California Climate Accountability regulations and the European Corporate Sustainability Reporting Directive (CSRD) and Carbon Border Adjustment Mechanism (CBAM) regulations on companies in the Carolinas. This will also include a high-level discussion of the renewable energy impacts of President Trump's Energy Emergency declaration.

Coastal Virginia Offshore Wind Project: Sustainable Energy Solutions Coupled with Complex Air Permitting Challenges

Dominion Energy is an industry leader providing reliable, affordable and increasing clean energy to power our customers. The Coastal Virginia Offshore Wind (CVOW) project, located over 27 miles off the coast of Virginia, is the largest offshore wind farm in the U.S. currently constructing 176 wind turbines with a total capacity of 2.6 gigawatt enough to power up to 660,000+ homes. The implementation of this project diversifies our customer's energy supply, which is essential for energy security, reliability and lowering fuel costs, while also avoiding carbon dioxide emission equivalent of removing more than 1 million cars off the road each year. However, constructing the largest offshore wind farm in the U.S. is not without its challenges especially when it comes to air permitting. We will cover the challenges of navigating the Outer Continental Shelf air regulations and applying the complex PSD permitting program to construction activities, marine vessels, offshore generators, maintenance, and other activities to provide a sustainable energy source.

A Journey to a Sustainable and Resilient Energy Transition

A well-designed microgrid that seamlessly incorporates traditional power generation technologies while actively transitioning towards cleaner power generation technologies can help accelerate clean energy transition while still maintaining robustness and reliability. Microgrids, energy systems that can operate off-grid or grid-parallel, play a key role in today's energy landscape. A well designed microgrid can help marry the benefits old and new technologies and promote a steady and viable path to clean energy adoption. In this session, we explore how one can marry traditional power generation methods with newer technologies to achieve clean, sustainable, and reliable power.

5:30PM - 7:30PM - Symposium in Exhibit Hall (Grand Ballroom B/C -- Vanderbilt Wing - 8th Floor)
Hooray for Hollywood

Friday April 11, 2025 - Morning Technical Sessions

7:30AM - 9:00AM - Breakfast in Exhibit Hall (Grand Ballroom B/C)

9:00AM - 9:05AM - Welcome and Announcements

Tim Agner, CAPCA President

9:05AM - 10:35AM - PFAS Sampling Data: Who, Where, and What Next?

(Session Chair: Pierce Werner, CAPCA Director)

NC DEQ: Adam Ulishney (DWM – Private well, landfill, and biosolid sampling)

SC DES: Matthew Baumann (DWR – lead on ambient PFAS project)

Heartland Water Technology: Jim Henderson [tentatively accepted]

Representatives from the South Carolina and North Carolina Agencies will provide an overview of the PFAS data available in each state as well as the ongoing efforts to continue to identify PFAS presence and potential sources. The session will conclude with a brief presentation on available control, removal, and/or destruction technologies for PFAS that are being considered or implemented for projects in the States.

10:35AM - 11:45AM - PFAS Legal Perspective

(Session Chair: Mallory Sparks, CAPCA Director)

Staci Sargee, CEF, Executive Vice President and General Manager, Palmetto Plating Company, Inc.

Janie Johns, Project Scientist, Hart & Hickman, PC

The states are asking for data, EPA's asking for data, how do you figure out if you have it? What are you obligated to investigate and report and how?

EPA is reviewing its effluent guidelines for several point source categories, including metal finishing and electroplating. As part of this review, EPA has sent extensive questionnaires to these categorical dischargers to understand the PFAS in these waste streams. Staci Sargee has completed an EPA questionnaire and will speak to the types of questions asked, the process, and time required to respond.

Janie Johns will update us on the reporting requirements for PFAS under TSCA Section 8(a)(7) and TRI, particularly focusing on data collection and documentation. She also will highlight key differences in the PFAS reporting requirements from reporting other chemicals under TSCA and TRI.

11:45 AM - CONFERENCE WRAP UP, GIFT CARD DRAWINGS, ADJOURN

NOTICE: AN ELECTRONIC CERTIFICATE WILL BE E-MAILED TO CAPCA ATTENDEES.