Society for Chemical Hazard Communication
Professional Development Training

Advanced Topics in EHS: Sustainable Chemistry

Monday, October 5, 2026 – 1:00pm to 5:00pm
Omni Royal Orleans Hotel – New Orleans, LA

Course Description and Objectives

The goal of this course is to develop an understanding of sustainable chemistry and engineering concepts as they relate to hazard communication and product stewardship within product environmental, health, and safety programs. The course introduces principles of green and sustainable chemistry and explains how considerations of chemical hazard, potential exposure, and broader environmental impacts are incorporated across the product life cycle, including research and development, product design, reformulation, and continuous improvement, to support informed material selection and safer substitution decisions. Distinctions are made between new molecule development and reformulation activities within R&D, highlighting how sustainability considerations, data availability, and decision frameworks may differ when designing new substances versus improving existing products. Participants gain familiarity with commonly used tools and frameworks such as alternatives assessment and life cycle thinking, including life cycle assessment, and how they are applied within hazard communication, stewardship, and R&D functions to evaluate hazards, assess tradeoffs, and characterize sustainability attributes in a scientifically defensible manner. The course also addresses regulatory, customer, market, and supply chain drivers influencing sustainable chemistry initiatives and clarifies expectations for documenting and communicating sustainability related decisions while maintaining regulatory compliance, scientific rigor, and effective risk communication.

This is a basic course and there are no prerequisites.

Intended Audience

This course is intended for hazard communication and stewardship professionals who want to strengthen their understanding of sustainable chemistry and its application within product environmental, health, and safety programs. It is particularly relevant for individuals who support or collaborate with R&D, regulatory, or sustainability teams and who play a role in material selection, safer substitution decisions, or the documentation and communication of sustainability attributes. The course is also appropriate for professionals in related functions who interact with product stewardship activities and want a clearer understanding of how sustainable chemistry considerations are incorporated into product development and reformulation within an EHS framework.

Course Fee: $320 / members $475 / non-members

Course Director / Instructor

Robert Skoglund, Ph.D., DABT, CIH, CPPS

Dr. Skoglund is the Director of Product Safety and Regulatory Affairs at Covestro LLC. His responsibilities include chemical and product safety, regulatory compliance, sustainability, and stewardship for North America, including hazard communication and product stewardship.

Course Topics (Subject to Change)

- Alternatives assessment for safer substitution decisions
- Data gaps, uncertainty, and decision-making in sustainable chemistry
- Documenting and communicating sustainability attributes and decisions
- Foundations of sustainable and green chemistry
- Hazard, exposure, and safety as design considerations
- Hazard-based design principles and avoidance of regrettable substitutions
- Life cycle thinking, life cycle assessment, and tradeoff evaluation
- New molecule development versus reformulation in R&D
- Regulatory, market, and supply chain drivers
- Role of hazard communication and stewardship in safer product development
- Sustainable chemistry across the product life cycle
- U.S. sustainable chemistry policy context, including the Sustainable Chemistry Act

Course Materials

The course materials for professional development courses at the SCHC Annual Meeting will be provided in digital format only. The digital materials will be similar to those used in SCHC's distance learning courses. The course fee includes access to these electronic materials, which the registrants will be able to download before the meeting. SCHC is embracing digital course materials that align with sustainability goals and foster an eco-friendly and technologically advanced approach to professional development.

Registration

Admission to the course will be on a first-come basis. Payment must be received by September 3, 2026, to secure your space. Space is limited. Fill out the registration form located on SCHC's website: www.schc.org. SCHC accepts checks, Visa, MasterCard and American Express.

Hotel Accommodations

Arrangements have been made for a block of rooms at the Omni Royal Orleans located at 621 St. Louis Street, New Orleans, LA 70130. Room rates start at $224/night. Please use the following link to make a hotel reservation at the Omni Royal Orleans: https://bookings.omnihotels.com/event/new-orleans-royal-orleans/SCHC-Annual%C2%A0Meeting-2026. Deadline for hotel reservations is **Friday, September 11, 2026**.

Cancellation Policy

No refunds will be given after September 3, 2026. No one will be admitted to the course unless all fees have been paid in advance. Every effort has been made to ensure the information in this brochure is accurate. SCHC reserves the right to modify this course without prior notice or to cancel the course 30 days prior to the course date. In the event this course is canceled, SCHC's obligation is limited to a full refund of the course fee.