

SCCT Resources List

This document serves as a repository for free tools, courses, webinars, podcasts, and organizations related to the sustainable chemicals and safer toxicology field for those interested in learning more (*note: this list is not exhaustive*).

Tools

- [OECD Substitution Portal](#)
This OECD site lists tools and data sources for conducting chemical substitutions and alternatives assessments.
- [EPA CompTox Chemicals Dashboard](#)
Formerly the Chemistry Dashboard, this site contains chemical information, including physicochemical properties, environmental fate and transport, exposure, usage, etc., to help decision-makers and scientists quickly and efficiently evaluate thousands of chemicals.
- [EPA ECOTOX Knowledgebase](#)
This is a comprehensive database of single chemical toxicity data for aquatic life, terrestrial plants and wildlife.
- [Information Platform for Chemical Monitoring \(IPCHEM\)](#)
The European Commission's reference for searching, accessing and retrieving chemical occurrence data collected and managed in Europe.

Courses and Webinars

- [Collaborative on Health and the Environment \(CHE\)](#)
CHE offers webinars spanning a wide variety of topics in environmental health sciences.
- [ECHA online training on analysis of alternatives](#)
Introductory online training on analysis of alternatives to hazardous substances.
- [EPA New Approach Methodologies \(NAMs\) training](#)
Catalog of resources and training materials regarding New Approach Methods.
- [GC3 Safer Chemistry training webinars](#)
Educational safer chemistry webinar list encompassing green chemistry, green engineering and toxicology.
- [Introduction to GreenScreen Webinar](#)
A high level introduction to GreenScreen for Safer Chemicals and how organizations are using it to select safer materials.
- [Mass General Brigham Cancer & Environment Forum 2022 3-part series: "What does new science say about chemicals and cancer? Lessons from public health and environmental medicine"](#)
A 3-session online course to learn about the influence of environmental chemicals on cancer.
- [NURA webinars](#)
New Approach Methodology (NAM) Use for Regulatory Application (NURA) is a continuing education program designed to provide professionals in the field of toxicology with specialized resources and basic hands-on training in new approach methodologies.

- [Stockholm University MOOC “Introduction to assessment and management of chemicals”](#)
Online course offered by the Department of Environmental Science, Stockholm University, focusing on assessment and management of chemicals.
- [University of Michigan “Making TSCA Work: Demystifying the Risk Assessment Process”](#)
Workshop focusing on the risk assessment process and key concepts using case studies.
- [WHO Chemicals Roadmap](#)
Online self training 30-hour course on the WHO Chemicals Road Map.

Podcasts

- [A Daily Dose](#)
'A Daily Dose' of complex scientific information with stories that highlight what we know about endocrine disrupting chemicals.
- [Adverse Reactions](#) (by SOT)
An interview podcast bringing the people and stories behind the toxicological science of how biological, physical, and chemical agents may cause adverse reactions to people and animals.
- [Agents of Change in Environmental Health](#)
A biweekly program diving into the career paths, research, and big ideas from past and present fellows, as well as other leaders in the field.
- [Chemical Watch](#)
The Chemical Watch Podcast focuses on some of the biggest regulatory and chemical management stories.
- [Economist Impact's Back to Blue](#)
Interviews where The Economist's editors speak to experts in ocean health and sustainability.
- [European Chemical Agency \(ECHA\) Safer Chemicals](#)
This podcast discusses the latest updates on how chemicals are being regulated in the EU and what harmful chemicals are being phased out.
- [NIEHS Environmental Health Chat](#)
This podcast series explores how environmental exposures affect our health. Each episode highlights ways researchers work in partnership with community groups to understand and address environmental health issues.
- [NIEHS Environmental Justice: The Past, Present, and Future of the Movement](#)
This podcast series explores how environmental exposures affect our health. Each short episode highlights ways researchers work in partnership with community groups to understand and address environmental health issues.
- [Persistent and Pervasive](#)
Discussion of case studies of products marketed to women and girls including cleaning products, cosmetics/personal care, menstrual/intimate care products, and more.
- [The Toxic Avengers](#)
Meet the Toxic Avengers: people working to stem the tide of toxic chemical pollution that can lead to cancer, birth defects, learning disabilities and other health impacts.

- [This Week in Sustainability](#)
On TWIST, This Week in Sustainability, the green pros and cons of the entire range of consumer products and everything in them is discussed to help consumers choose the right stuff to buy and recycle.
- [What Mama Wants](#)
What Mama Wants is a program that considers how Mother Earth is impacted by toxic chemicals. What Mama Wants shares ideas about possible solutions and how to engage with the community to work toward a healthy planet and population.

Organizations

- [American Chemical Society \(ACS\) Green Chemistry Institute](#)
Offers resources to various educational programs, materials and webinars regarding green and sustainable chemistry and engineering.
- [Association for the Advancement of Alternatives Assessment \(A4\)](#)
Professional association of researchers and practitioners working collaboratively to advance the science, policy, and practice of alternatives assessment.
- [Chemsec](#)
ChemSec Business group is a collaboration among companies to discuss chemicals management and advocate for progressive chemicals policy in Europe.
- [Clean Production Action \(CPA\)](#)
Delivers strategic solutions for green chemicals, sustainable materials and environmentally preferable products.
- [Green Chemistry and Commerce Council \(GC3\)](#)
Multi-stakeholder collaboration for adoption of green chemistry across multiple sectors.
- [GC3 Sustainable Chemistry Alliance](#)
Diverse group of companies advocating for U.S. leadership in innovation, production and use of sustainable chemicals.
- [Lowell Center for Sustainable Production \(LCSP\)](#)
LCSP uses rigorous science and innovative strategies to develop practical solutions that promote environmentally sound systems of production and consumption.
- [Sustainable Chemistry Catalyst](#)
Independent research and strategy initiative within LCSP focused on accelerating the transition to safer, more sustainable chemistry through research and analysis.
- [Product Stewardship Society \(PSS\)](#)
Global community of professionals working focused on accelerating the transition to safer, more sustainable chemistry through research and analysis.
- [BizNGO for Safer Chemicals and Sustainable Materials](#)
BizNGO is a program of Clean Production Action. Its mission is to create and promote adoption of safer chemicals and sustainable materials, thereby creating market transitions to a healthy economy, healthy environment, and healthy people.