

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Board on Environmental Studies and Toxicology

**COMMITTEE TO REVIEW EPA'S TOXIC SUBSTANCES CONTROL ACT
(TSCA) SYSTEMATIC REVIEW GUIDANCE DOCUMENT
VIRTUAL MEETING 2.1**

PUBLIC AGENDA

MEETING OBJECTIVES

- Learn EPA's innovations in literature searching and screening to identify relevant scientific studies

FRIDAY, June 19, 2020

10:00 PURPOSE OF OPEN SESSION AND INTRODUCTION OF COMMITTEE MEMBERS

Jonathan Samet

*Chair, Committee to Review EPA'S TSCA Systematic Review Guidance Document
Dean, Colorado School of Public Health*

10:05 OVERVIEW OF TSCA RISK EVALUATION PROCESS

Stan Barone, Deputy Director, Risk Assessment Division, EPA Office of Pollution Prevention and Toxics, Office of Chemical Safety and Pollution Prevention

10:20 INNOVATIONS IN SEARCHING AND SCREENING LITERATURE

Kellie Fay, Risk Assessment Division, EPA Office of Pollution Prevention and Toxics, Office of Chemical Safety and Pollution Prevention

10:50 COMMITTEE DISCUSSION

11:20 BREAK

11:25 AUTOMATED LITERATURE PRIORITIZATION METHODSIN SWIFT REVIEW

Chantel Nicolas, EPA Office of Chemical Safety and Pollution Prevention, Office of Pollution Prevention and Toxics

ELECTRONIC SCREENING IN DISTILLERSR AND SWIFT ACTIVE SCREENER

Francesca Branch, EPA Office of Chemical Safety and Pollution Prevention, Office of Pollution Prevention and Toxics

11:50 COMMITTEE DISCUSSION

12:00 BREAK

12:05 INTERACTIVE BREAKOUT SESSIONS

- These breakout sessions will discuss videos which are prerecorded and posted on the [TSCA Systematic Review study website](#). Viewing of these videos prior to participating in the session is

necessary to fully participate. Discussion moderators will pose questions from the committee and the public during the breakout session to the poster presenters.

**BREAKOUT SESSION 1: THE ROLE OF PECO STATEMENTS, SEARCH CRITERIA AND TEMPLATES IN
SEARCHING AND SCREENING**
Moderated By – Karen Robinson

Videos discussed:

- Evidence Mapping of Gray Literature Under TSCA: A Gray Literature Decision Tree Framework
 - *Yousuf Ahmad, Risk Assessment Division, EPA Chemical Safety and Pollution Prevention, Office of Pollution Prevention and Toxics*
- Strategy for Developing Literature Search Strings to Identify Publications Containing Environmental Fate and Transport and Physical-Chemical Property Data
 - *Amina Wilkins, EPA Office of Research and Development*

BREAKOUT SESSION 2: EVIDENCE MAPPING THROUGH PRIORITIZING, PRE-SCREENING, AND BEYOND
Moderated By – Katya Tsaioun

Videos discussed:

- Evidence Mapping for Engineering and Exposure: Literature Search, Prioritization and Pre-Screening Strategy
 - *Katherine Phillips, EPA Office of Research and Development*
- Evidence Mapping for Engineering and Exposure: Part B – Title/Abstract and Full-Text Screening
 - *Yadi Lopez, Risk Assessment Division, EPA Office of Pollution Prevention and Toxics, Office of Chemical Safety and Pollution Prevention*
- Evidence Mapping of Environmental and Human Health Hazard Evidence: Phthalic Anhydride Example
 - *Kellie Fay, Risk Assessment Division, EPA Office of Pollution Prevention and Toxics, Office of Chemical Safety and Pollution Prevention*

12:55 REPORT BACK FROM BREAKOUTS

1:00 **ADJOURN PUBLIC SESSION**