

**Committee on Assessing Causality from a Multidisciplinary Evidence Base for  
National Ambient Air Quality Standards  
Board on Environmental Science and Toxicology  
Board on Mathematical Sciences and Analytics  
National Academies of Sciences, Engineering, and Medicine**

**Agenda**

**May 19, 2021 (3:00 - 6:30 PM EDT)**

**OPEN SESSION**

**Objectives:**

- **Understand the sponsor's objectives for the study**
- **Learn about the existing framework used for EPA's ISAs and its application**
- **Establish boundaries for the task**

Pre-recorded presentation posted on project website: EPA interpretation of statement of task, reasons for the study, expectations, description of the types of recommendations that would be most useful.

*Steve Dutton, Acting Division Director, Health and Environmental Effects Assessment Division (HEEAD), EPA Office of Research and Development Center for Public Health and Environmental Assessment*

3:00 Welcome, introductions, and statement of session objectives

Review statement of task

*Ted Russell and Liz Stuart, Committee Co-Chairs*

3:20 **Overview of SOT and current Assessment Framework (EPA perspective)**

*Steve Dutton, Acting Division Director, HEEAD*

3:30 **Theoretical discussion of framework with EPA**

*Steve Dutton, Acting Division Director, HEEAD*

*Erika Sasser, Director, Health and Environmental Impacts Division, EPA Office of Air and Radiation*

4:45 **Practical Application of the Current Framework**

**Panel discussion with EPA staff representatives of 3 recent assessments**

[Each panelist will have 5 minutes to raise issues before the Q&A]

*Health Effects (Human Health Focus)*

*Jason Sacks, Senior Epidemiologist, Integrated Health Assessment Branch, HEEAD*

*James Brown, Senior Health Scientist, Integrated Health Assessment Branch, HEEAD*

*Barbara Buckley, Toxicologist, Integrated Health Assessment Branch, HEEAD*

*Ecological and Other Welfare Focus*

*Tara Greaver, Senior Ecologist, Integrated Health Assessment Branch, HEEAD*

*Chris Weaver, Branch Chief, Integrated Environmental Assessment Branch, HEEAD*

Prompting Questions:

1. How well does the current framework drive the integration and evaluation of scientific evidence to inform causal determinations? What are the major strengths and weaknesses of the current framework?
2. Where were the difficulties in applying the framework to both health and welfare?
3. What are the types and characteristics of evidence that would be most useful in future ISAs?

*Q&A with committee*

6:00 Public comment period

*Participants can sign up during the meeting to provide 2-3 minutes of comments. The public comment session will be recorded and made available for future viewing by the committee and to the public.*

6:30 Session 2 adjourns