

State-of-the-Science and the Future of Cumulative Impact Assessment: Workshop 1

October 15, 2024 | 12:00 – 4:00 PM ET



12:00 – 12:45 **Keynote Presentation**

Janet Currie, Princeton University (NAS, NAM)

Panel discussion with committee members: **Cris Liban, Rachel Morello-Frosch, David Slusky**

12:45 – 1:30 **Session 1: What are the key concepts relevant to cumulative impacts?**

Presentations (pre-recorded, available on [event page](#)):

- What is cumulative impact assessment?
Na'Taki Osborne Jelks, Spelman College
- Regulatory policy basis of cumulative impact assessment
William Boyd, University of California, Los Angeles
Tracey Woodruff, University of California, San Francisco
- An exposome approach to understanding disparities in risk-trajectories to chronic disease outcomes across the life-course
Darryl B. Hood, Ohio State University

Panel Discussion:

Shirlee Tan, Seattle and King County Public Health Department (community liaison);

Session 1 Presenters;

Julia Brody and Jon Levy (committee moderators)

1:30 – 1:45 **Break**

1:45 – 2:30 **Session 2: What is known about the combined impacts of the built, natural, and social environments and their interactions on health and community well-being?**

Presentations (pre-recorded, available on [event page](#)):

- Combined impacts of pollutants, climate, the social environment, and other factors on community health
Joan Casey, University of Washington
- Vulnerability, resilience, and capacities to respond to environmental impacts
Christopher Emrich, University of Central Florida
- Opportunities for promoting health and community well-being

Denise Dillard, Washington State University

- Salutogenesis

Sacoby Wilson, University of Maryland

Panel Discussion:

Elizabeth Vasquez, State University of New York (community liaison);

Session 2 Presenters

Zhen Cong and Jerreed Ivanich (committee moderators)

2:30 – 2:45 **Break**

2:45 – 3:30 **Session 3: What methods and approaches are available for collecting and integrating quantitative and qualitative data across different domains, levels, and scales in cumulative impact assessment?**

Presentations (pre-recorded, available on [event page](#)):

- The role of geospatial models in representing and addressing cumulative impacts
Marcos Luna, Salem State University
- Available models to combine cumulative impacts across domains
Bill Rish, ToxStrategies
- Multicriteria decision analysis
Ben Trump, U.S. Army Corps of Engineers
- Integration of environmental, health, and government administrative data
Reed Walker, University of California, Berkeley

Panel Discussion:

Bernece Herbert, Jackson State University (community liaison);

Session 3 Presenters;

Andrew Dannenberg and Rima Habre (committee moderators)

3:30 – 4:00 **Public Comment Period**

Advance [registration](#) required and comment time is limited to 3 minutes

4:00 PM ET **Workshop Adjourns**