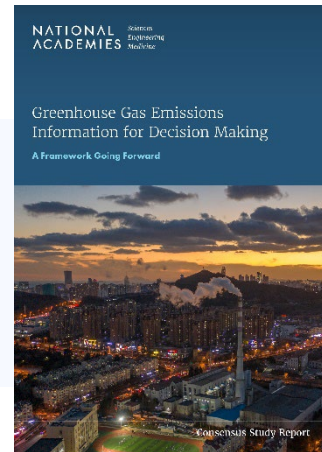


# Greenhouse Gas Emissions Information for Decision Making *A Framework Going Forward*

Dissemination Meeting:

US Urban Greenhouse Gas Emissions Information Needs



**MAY 1, 2023 | All Times EDT**

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## Purpose

- Disseminate recommendations from recent Academies' report, [\*Greenhouse Gas Emissions Information for Decision Making: A Framework Going Forward \(2022\)\*](#)
- Understand approaches for quantifying urban greenhouse gas (GHG) emissions
- Engage local stakeholders to better understand US urban GHG emissions information needs
- Discuss existing or potential assets and tools in the public, private, and research sectors at urban scales to aid local decision making in the US

## 11:00–11:05 Welcome and Meeting Goals

Don Wuebbles, University of Illinois, Committee Chair

## 11:05–11:30 Overview of Report: Greenhouse Gas Emissions Information for Decision Making

Kevin Gurney, Northern Arizona University, Committee Member

*Brief overview of report with focus on recommendations relevant to urban scales*

## 11:30–12:30 Approaches for quantifying and reporting urban GHG emissions

Moderator: Don Wuebbles, University of Illinois, Committee Chair

*10 minute presentations + 30 min Q&A/discussion*

- Ivonne Albarus, Laboratoire des Sciences du Climat et de l'Environnement
- Ron Cohen, UC Berkeley
- Kim Mueller, NIST

### *Prompting and discussion questions*

- What approach and tools does your program or research use to quantify and report urban GHG emissions?
- How do approaches at the urban scale complement, interface with, and/or differentiate from global/national scale reporting requirements?
- How could the tools and methods used in your work be applied more broadly to other US cities?
- What are the challenges to applying these approaches to urban areas with less data, modeling, or quantification capacity?
- What types of GHG information have proven most useful to decision makers?

**12:30–1:00      BREAK**

**1:00–1:45      US urban stakeholder information needs for decision making**

Moderators: Annmarie Eldering, NIST, Committee Member

*Brief intros + all moderated discussion*

- Phillip Fine, Bay Area Air Quality Management District
- Robert Stupka, Head of Climate Action Implementation for North America, C40
- Michael Burger, Columbia University
- Michael Ogletree, Air Pollution Control Division, State of Colorado

*Discussion questions*

- For decision making, you need more information than just an emissions estimate. What are your key information needs? At what spatial and temporal scales do you need this information?
- How well are you able to meet these needs with the current information available?
- What are the top one or two priorities for information, that could be assisted by the broader community?

**1:45-2:30      Identifying tools to better inform urban decision makers in the US**

Moderator: Kevin Gurney, Northern Arizona University, Committee Member

*5-minute panelist presentations + 25 min Q&A/discussion*

- Lesley Ott, NASA
- Emma Loewen, RMI
- Catherine Atkin, Stanford Law Climate Data Policy Initiative
- Ajay Nagpure, Princeton University

*Prompting and discussion questions*

- What tools do you use or develop in your work that can be used by urban decision makers?
- What are the most important attributes a GHG information tool must have to be useful to cities?
- What are the barriers to cities adopting new GHG information tools?
- How do your tools fill critical gaps in GHG information?

**2:30–3:00      BREAK**

**3:00–4:00      Synthesis discussion: opportunities for urban GHG information moving forward**

Moderators: Kevin Gurney, Northern Arizona University and Annmarie Eldering, NIST, Committee Members

*Brief intros + all moderated discussion*

*Session 2&3 panelists*

*Discussion questions*

- What are the primary challenges with the GHG information tools that cities currently use (even if simple)?
- Can a GHG information tool for cities and urban areas be universal (i.e., are there common algorithms) or must it be “tailored”?
- What are your thoughts on the financial model for a GHG information tool for cities? Who pays?
- What ways could information be better shared between the research community, information generators, government agencies, and the private sector?

4:00

**MEETING ADJOURNS**