

Development of a Framework for Evaluating Greenhouse Gas Emissions Information for Decision Making: A Workshop

June 27–28, 2022 | 9:00–17:00 (EDT) | Virtual and In-person

Purpose

The fast-track consensus study, [Committee on Development of a Framework for Evaluating Greenhouse Gas Emissions Information for Decision Making](#), will examine emerging, independent approaches to development and evaluation of global anthropogenic greenhouse gas (GHG) emissions inventories in order to develop a framework to support decision making.

This workshop will engage the international community to inform this consensus study, and will specifically identify needs, challenges, and opportunities related to:

- developing global emissions inventories for all anthropogenic greenhouse gas emissions;
- the independence, transparency, granularity, internal consistency, comparability, and completeness of data sources;
- measures of accuracy and uncertainty of the modeling and analytic tools used to interpret and extrapolate available data;
- potential biases introduced by limitations in data availability, model design, or analytic frameworks;
- and synthesis, integration, and dynamic updates of the best available information.

MONDAY, JUNE 27, 2022

9:00–9:25

Opening Remarks

Don Wuebbles, University of Illinois, *Committee Chair*

9:25–10:40

Session 1: Meeting the Needs of Users and Decision Makers

9:25–10:25

Lightning talks

Committee Moderators: Gabby Dreyfus and Fiji George

- **Shuaib Lwasa**, Global Center on Adaptation
- **Deborah Gordon**, Rocky Mountain Institute
- **Abhilasha Purwar**, Blue Sky Analytics
- **Yann Robiou du Pont**, Open Earth Foundation
- **Leehi Yona**, Stanford
- **Jorn Herner**, California Air Resources Board

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- **Filomena Nelson**, Secretariat of the Pacific Regional Environment Programme

10:25–10:40

Independent work time

Workshop participants work independently on asynchronous document on meeting the needs of decision makers and stakeholders.

10:40–10:55

Break

10:55–11:45

Session 2: Developing Greenhouse Gas Emissions Inventories

10:55–11:45

Lightning talks

Committee Moderators: Don Wuebbles and Irène Xueref-Remy

- **Sekou Keita**, Université Péléforo-Gbon-Coulibaly
- **Daniel Moran**, Norwegian Institute of Science and Technology
- **Arlyn Andrews**, National Oceanic and Atmospheric Administration
- **Kristina Wyatt**, Persefoni
- **Jocelyn Turnbull**, GNS Science

11:45–12:45

Lunch

12:45–13:55

Session 3: Data Independence, Transparency, Comparability, and More: Perspectives from Two Communities

12:45–13:25

Perspectives from the Generation and Use of Data

Committee Moderators: Annmarie Eldering and Kevin Gurney

- **Shamil Maksyutov**, National Institute for Environmental Studies
- **Lena Höglund-Isaksson**, International Institute for Applied Systems Analysis
- **Abhishek Chatterjee**, NASA-JPL
- **Daniel Zavala-Araiza**, Environmental Defense Fund

13:25–13:55

Perspectives from the Application of Data for Policy

Committee Moderators: Annmarie Eldering and Kevin Gurney

- **Molly White**, Greenhouse Gas Management Institute
- **Takeshi Kuramochi**, NewClimate Institute
- **Aarti Gupta**, Wageningen University

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13:55–14:05	Break
14:05–15:40	World Café 4 20-minute rounds 4 topics
15:40–16:10	Break
16:10–16:35	Debrief from World Café
16:35–17:00	Wrap up Day 1, Agenda for tomorrow
17:00	ADJOURN

TUESDAY, JUNE 28, 2022

9:00–9:20	Opening Remarks Don Wuebbles, University of Illinois, <i>Committee Chair</i>
9:20–12:00	Session 4: Accuracy, Uncertainty, and Potential Biases of Modeling, Data, and Analytical Tools
9:20–10:05	Lightning talks <i>Committee Moderators: Heather Graven and Tomohiro Oda</i> <ul style="list-style-type: none">• Rostyslav Bun, Lviv Polytechnic National University, WSB University• Steven Smith, Pacific Northwest National Laboratory• Dong-Gill Kim, Hawassa University• Lauren Maffeo, Steampunk
10:05–10:25	Break
10:25–12:00	World Café 4 20-minute rounds 4 topics
12:00–13:00	Lunch

Development of a Framework for Evaluating Greenhouse Gas Emissions Information for Decision Making: A Workshop

13:00–13:25	Debrief from Session 4
13:25–16:10	Session 5: Synthesis, Integration, and Dynamic Updates for Information
13:25–14:20	Lightning talks <i>Committee Moderators: Angel Hsu and Kamal Bawa</i> <ul style="list-style-type: none">• Christine Wiedinmyer, CIRES• John Lin, University of Utah• Greet Janssens-Maehout, European Commission Joint Research Centre• Zhu Liu, Tsinghua University• Ian Tout, UNFCCC
14:20–15:55	World Café 4 20-minute rounds 4 topics
15:55–16:20	Break
16:20–16:50	Debrief from Session 5
16:50–17:00	Closing Remarks
17:00	WORKSHOP ADJOURNS