

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, *Committee Chair*

9:20–12:00 **Session 4: Accuracy, Uncertainty, and Potential Biases of Modeling, Data, and Analytical Tools**

9:20–10:05 **Lightning talks**
Committee Moderators: Heather Graven and Tomohiro Oda
• **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**

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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**

Committee Moderators: Angel Hsu and Kamal Bawa

- **Christine Wiedinmyer**, CIRES
- **John Lin**, University of Utah
- **Greet Janssens-Maehtout**, 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**