



# MOVES

Motor Vehicle Emission Simulator

## Welcome to the MOVES Review Work Group

September 14, 2021

The meeting will begin shortly.



# Meeting Agenda

- Welcome, Meeting Logistics, and Member Roll Call
- Work Group Presentation
  - MOVES3 Fuel Consumption Evaluation – *Jaehoon Han, EPA*
- Discussion of Potential Recommendations to the Mobile Sources Technical Review Subcommittee/Clean Air Act Advisory Committee
- Discussion of Refining Recommendations (work group members only)



# Meeting Logistics

- If you would like to ask a question, please use the raise hand or chat feature in the meeting controls panel



- Questioners will be unmuted, to allow for discussion with the presenters
- If you do **NOT** see your name in the webinar list of participants, please type it into the chat box. We want to ensure an accurate list of attendees.



# Meeting Logistics

- Copies of today's presentations are available in the Teams meeting chat box and are attached to the Teams meeting invitation
- Work group presentations and meeting summaries from past meetings are available online at: <https://www.epa.gov/moves/moves-model-review-work-group>
  - Materials from today's meeting will be posted in a few weeks
- Any additional comments on today's technical presentation can be sent to Sarah Roberts ([Roberts.Sarah@epa.gov](mailto:Roberts.Sarah@epa.gov))



# Member Roll Call

Name	Home Organization	Representing Organization
Matthew Barth	University of California, Riverside (CE-CERT)	University of California-Riverside (CE-CERT); Work Group Co-Chair
Megan Beardsley	EPA OTAQ	EPA; Work Group Co-Chair
Elena Craft	Environmental Defense Fund (EDF)	EDF
Tim French	Engine Manufacturers Association (EMA)	EMA
Mike Geller	Manufacturers of Emission Controls Association (MECA)	MECA
Gil Grodzinsky	Georgia Department of Natural Resources	Association of Air Pollution Control Agencies (AAPCA)
Michael Hartrick	Alliance for Automotive Innovation	Alliance for Automotive Innovation
Cecilia Ho	Federal Highway Administration (FHWA)	FHWA
Britt Holmen	University of Vermont	University of Vermont
Jeremy Hunt	Northeast States for Coordinated Air Use Management (NESCAUM)	NESCAUM
Mark Janssen	Lake Michigan Air Directors Consortium (LADCO)	LADCO
Chris Kite	Texas Commission on Environmental Quality	AAPCA
Andrew Kotz	National Renewable Energy Laboratory (NREL)	NREL
David Lax	American Petroleum Institute (API)	API
Sam Pournazeri	California Air Resources Board (CARB)	CARB
Lubna Shoaib	East-West Gateway Council of Governments	Association of Metropolitan Planning Organizations
Jenny Sigelko	Volkswagen of America, Inc.	Coordinating Research Council (CRC)
Steven Vander Griend	ICM Inc.	Energy Future Coalition/Urban Air Initiative
Chris Voigt	Virginia Department of Transportation	Amer. Assoc. of State Highway and Transportation Officials
Dale Wells	Colorado Department of Public Health and Environment	National Association of Clean Air Agencies (NACAA)
Wei Zhang	Idaho Department of Environmental Quality	NACAA



# MOVES3.0.2

- Was released September 13th and described in an email to the MOVES listserv
- Is considered a “patch” to MOVES, since the impact on emissions is very small
  - It is not considered a new model for State Implementation Plan (SIP) and transportation conformity regulatory purposes
- Addresses a variety of small issues
  - Includes change that increases Tier 4 nonroad diesel PM emissions
    - While the impact on total emissions is small, the percentage change may be large
  - See full list of changes at <https://www.epa.gov/moves/moves3-update-log>

