

Emissions Inventory and Analysis Group  
Office of Air Quality Planning and Standards

# Status Update

NACAA Emissions and Modeling Subcommittee

December 7<sup>th</sup>, 2021

# Emissions Inventory Seminar Series

see <https://www.epa.gov/air-emissions-inventories/2021-emissions-inventory-virtual-seminar-series>

- Completed to date

- 9/8/2021 Volatile Chemical Product (VCP) Emissions, Karl Selzer (EPA)  
Impacts of VCPs on Urban Ozone Formation, Brian McDonald
- 9/22/2021 CAERS Update, Julia Gamas (EPA)  
WebFIRE Update, Casey Myers (EPA)
- 10/27/2021 Solvent Usage in Oil & Gas, Ryan Grant (UDEQ)  
NEI Usage in the GCAM Data System, Steven Smith (PNNL)
- 11/10/2021 Standardized Emissions and Waste Inventories, Wesley Ingwersen (EPA)  
Improvements in Preparation of State GHG Inventory, Kotur Narasimhan (VA DEQ)

- Recordings will be available in January on the website

- Upcoming

- 12/8/2021 QA in the NEI with a focus on Nonpoint Development, Jennifer Snyder & Lindsay Dayton (EPA)  
High-Resolution Modeling and Apportionment of Diesel-Related Contributions to Black Carbon Concentrations, Robert Harley (UC Berkeley)
- 1/12/2022 Greenhouse Gas Reporting Program and the Greenhouse Gas Inventory, Kong Chiu (EPA)

# 2020 NEI Status and Upcoming Deadlines

- **Ongoing virtual trainings** (POC: Snyder.Jennifer@epa.gov)
  - See <https://www.epa.gov/air-emissions-inventories/air-emissions-inventory-training>
- **Methods and Data Review Opportunities**
  - By 9/30: NEMO<sup>1</sup> (methodology) review for VCPs (new Solvents approach) and asphalt paving
  - By 10/10: Agricultural Fertilizer activity review
  - By 10/15: NEMO review for agricultural silage
  - By 12/11: Review/comment on aircraft landing and takeoff (LTO) data (expected release 10/12)
  - By 12/15: Review/comment on animal count data for livestock-related emissions (expected release 10/15)
  - By 12/31: Review draft fires data and voluntary submission of fire activity data; please coordinate with forestry agencies
- **Now through 2022:** State, local, tribal (SLT) collaboration on emissions methods development - provides great value to the process
- **Dec. 31, 2021:** Reporting deadline to EPA for all point data (grace period extends until January 15 for emissions, January 8<sup>th</sup> for facility attributes)
- **March 30, 2022:** Reporting deadline to EPA for nonpoint data category (input templates, nonpoint survey, emissions)
- **Feb/March 2022:** Point source review for air toxics (and all pollutants) for Air Toxics Data Update
- **April 2022:** Final completeness reports sent to Air Directors

<sup>1</sup> Nonpoint Emissions Method and Operator Instructions

# Air Emissions Reporting Rule

- EPA is planning to update the AERR for the 2023 or 2024 inventory reporting cycle. Current focuses are:
  - Improving air toxics emissions data
  - Improving emissions data for prescribed fires
  - Improving emissions from intermittent sources (e.g., backup generators)
  - Updating the nonpoint emissions requirements to use current best practices and meet transparency and quality assurance goals
  - Administrative updates
    - Ensure that AERR requirements are consistent with the latest emissions documentation available to data reporting agencies
- Two listening sessions with state/local/tribal agencies were held in April 2021
  - Additional input can be sent to the POCs listed below

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