

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

NACAA Emissions and Modeling Subcommittee

October 5th, 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)

- Recordings will be available, but are not yet posed on website

- Upcoming

- 10/13/2021 Cancelled
- 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)
- 12/8/2021 Nonpoint Development and QA, Lindsay Dayton (EPA)
Modeling/Appportionment of Diesel Contributions to Black Carbon, Rob Harley (UC Berkeley)

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: NEMO¹ review for VCPs and asphalt paving
 - By 10/10: Agricultural Fertilizer activity review
 - By 10/15: NEMO review for agricultural silage
 - By 12/11: Review/comment on landing and takeoff 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 (expected release 10/8) 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 nonpoint data (grace period extends until January 15)
- **March 30, 2022:** Reporting deadline to EPA for nonpoint data category (input templates, 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

¹ 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
 - Additional input can be sent to the POCs listed below

POCs: Houyoux.Marc@epa.gov and Perillo.Henry@epa.gov