

# Agenda(Tentative: Subject to change)

*Note all times are in CT*

## Technical and Science Committee Meetings


**Tuesday, June 9, 2026**

08:30 – 11:00	Joint Meeting Madison Ballroom
11:00 – 12:00	Education and Outreach Subcommittee (EOS) Meeting Madison Ballroom
12:00 – 13:30	Lunch (On your own)
13:30 – 15:15	Joint Meeting (Part 2) Madison Ballroom
15:30 – 18:00	Executive Committee Meeting Madison Ballroom



## Scientific Symposium

 Indicates a student presentation

 Virtual: pre-recorded

### Wednesday, June 10, 2026

08:00 – 08:15	Welcome and logistics Madison Ballroom
	Opening of Symposium, Mike McHale, U.S. Geological Survey Welcome, Rudy Johnson, Director, Wisconsin State Laboratory of Hygiene
08:15 – 08:45	State of the NADP Address, Sarah Benish, Coordinator
08:45 – 09:30	Keynote Address: David Gay
09:30 – 09:40	Recognition Awards
09:40 – 10:00	Break

### Session 1: Linkages Between Emissions and Ecosystem Response


Chair: Kris Novak, EPA

10:20 - 10:40	Glenn Wolfe (NASA GSFC) - <i>FarmFlux: Connecting Agriculture, Atmospheric Composition, and Ecosystems</i>
10:40 - 11:00 	Linda Geiser (Oregon State University Department of Botany and Plant Pathology, Corvallis, Oregon, USA) - <i>Mapping Air Quality and Climate Vulnerabilities of Epiphytic Macrolichens Across North America</i>
11:00 - 11:20 	Ryleigh Adams (Oldfields School) - <i>It's more than just a Fancy Bucket</i>
11:20 - 11:40 	Krish Vijayaraghavan (Ramboll) - <i>Mitigating Community Concerns over Data Centers</i>
11:40 - 12:00 	Michael D Bell (National Park Service, Air Resources Division) - <i>New applications of critical loads of nitrogen and sulfur for herbaceous species enhance risk analyses of atmospheric deposition</i>
12:00 – 13:30	Lunch Break (on your own)




## Session 2: Aerosol Particles, Gases, and Air-Surface Exchange

Chairs: Jeff Collett, CSU

- 13:30 - 13:50  KarLee Zager (Bingham Research Center, Utah State University) - *Effects of Snow Type, Sunlight, and Temperature on Organic Compound Fluxes at the Air-Snow Interface*
- 13:50 - 14:10 Roxana Sierra (Texas A&M University - Corpus Christi) - *Ice Cores from High-Elevation Glaciers as Long-Term Archives of Atmospheric Deposition*
- 14:10 - 14:30 J. David Felix (University of North Carolina Wilmington) - *Linking Isotopes, Satellite Observations, and Aerosol Optical Properties to Constrain NO<sub>x</sub> Sources and Nitrate Formation in Coastal Urban PM<sub>2.5</sub>*
- 14:30 - 14:50 Stacy Knapp (Maine Dept. of Environmental Protection) - *Establishing Maine's Statewide Aeroallergen Monitoring Network: Methods, Challenges, and Early Insights*
- 14:50 - 15:10 Break


## Session 3: Atmospheric Deposition Monitoring and Modeling: Networks, Methods, and Innovative Data Analyses I

Chairs: Da Pan, Georgia Institute of Technology


- 15:10 - 15:30 Yongqiang Liu (USDA Forest Service) - *Temporal and regional patterns of wildfire-deposition relationships in the United States*
- 15:30 - 15:50 Ryan Fulgham (US EPA) - *Monitoring organic nitrogen in particulate matter across the US*
- 15:50 - 16:10  Stuart Weiss (Creekside Science) - *Spatial and temporal patterns of spring water nitrate discharge in a high deposition region*
- 16:10 - 16:30 Rodolfo Sosa Echeverría (Universidad Nacional Autónoma de México) - *The importance of international collaboration in wet atmospheric deposition and air quality*
- 16:50 - 17:10  Amelia Jiménez Alcántara (UNAM) - *Temporal variability of reactive nitrogen in wet atmospheric deposition: a comparative analysis across selected sites in Mexico and the United States*
- 18:30 - 20:30 **Poster Session** – Madison Concourse
- Sarah Nelson (Appalachian Mountain Club) - *Dragonfly biosentinels link hydrologic extremes and mercury bioaccumulation in the Merrimack River Watershed*



Amy Christiansen (University of Missouri - Kansas City) - *Nitrate Wet Deposition as a Constraint on NO<sub>x</sub> Emissions and Impacts on Modeled Secondary Pollutants*

 Paola Miramontes Gonzalez (University of New Hampshire) - *From Canopy to Rain Chemistry: Vegetation Phenology as a Driver of Dissolved Organic Matter Wet Deposition*

Da Pan (Georgia Institute of Technology) - *Understanding Land-Atmosphere Exchange of Reactive Nitrogen through Tiered and Machine Learning Assisted Monitoring*

 Liam TrinhNguyen (NADP) - *Dual FFT and ACF Analysis Reveals Persistent Annual and Semi-Annual Cycles in Both Wet and Dry Deposition Chemistry Across U.S. Monitoring Networks*


Christa Dahman (Wisconsin State Lab of Hygiene) - *Assessment of trace metal backgrounds for National Trends Network collectors at site WI93 (Madison, WI)*

Ella Osby (NADP) - *One-Week vs. Two-Week Sampling Interval Co-located Intercomparison Preliminary Results for the Mercury Deposition Network*

Jayde Alderman (WSP) - *Assessing the Regional Impact of Biomass Burning on Air Quality in the Western United States (2010- 2023)*

Christopher Rogers (WSP USA Inc.) - *Modernization of EPA's CASTNET*

Kevin Mishoe (WSP USA Inc.) - *Addition of Particulate Matter Sensors at CASTNET Sites*





 Laure Wanyina (Oldfields School) - *It's Not Just A Fancy Bucket - High school students establish NTN site MD91*



Thursday June 11, 2026


#### Session 4: Mercury Cycling, Deposition, and Bioaccumulation

Chairs: Tim Sharac, EPA

- 08:40 - 09:00 Seth Lyman (Bingham Research Center, Utah State University) - *Automated, dynamic, SI-traceable field calibration of atmospheric elemental and oxidized mercury*
- 09:00 - 09:20   Alexis Harper (Brigham Young University) - *Environmental Chamber Characterization for Quantifying Atmospheric Oxidants in Mercury Oxidation Mechanisms*
- 09:20 - 09:40  José Alberto Rivas Fuentes (UNAM) - *Risk Assessment of Gaseous Elemental Mercury (GEM) in Ambient Air in Southern Mexico City and its Temporal Variability*
- 09:40 - 10:00  Lin Wu (SUNY-ESF) - *Understanding High Gaseous Elemental Mercury at Carlsbad Caverns National Park During CarCavAQS-21: Insights from Observations and CMAQ-newHg-Br v2 Simulations*
- 10:00 – 10:20 Break

#### Session 5: Atmospheric Deposition Monitoring and Modeling: Networks, Methods, and Innovative Data Analyses II

Chairs: Jason Lynch, EPA

- 10:20 - 10:40  Saurabh Dhakad (Jawaharlal Nehru University) - *WetChemX: A Multi-Site Rainwater Chemistry Analysis Tool*
- 10:40 - 11:00  Kristen O'Shea (Desert Research Institute) - *Using Climate Engine to Analyze and Visualize US EPA Total Deposition Layers Data*
- 11:00 - 11:20  Daniel Persaud (York University) - *Understanding the Spatial Distribution of Trifluoroacetic Acid (TFA) in Precipitation Samples*
- 11:20 - 11:40 Jeff Collett (Colorado State University) - *Evaluating methods for NADP phosphate wet deposition measurement*
- 11:40 - 12:00  Desneiges (Deni) Murray (Boston University) - *High Fidelity of Archived Wet Deposition Samples Across Solutes*
- 12:00 – 13:30 Lunch Break (on your own)



## Session 6: State, Local and Tribal Concerns Connecting Air Quality to Atmospheric Deposition

Chairs: Mike McHale, USGS; Melissa Puchalski, EPA

13:45 – 14:50            Group Panel Discussion:  
                                 Stacy Knapp, ME DEP  
                                 Janice Lam Synder, Sacramento Metropolitan Air Quality Management District  
                                 Yasi Hassanzadeh, NY Department of Environmental Conservation

14:50-15:10            Break

## Session 7: Pollutants & Contaminants and their Impacts on Human Health (e.g., PFAS, Black Carbon, etc.)

Chairs: Doug Burns, USGS

- 15:10 - 15:30     Quinn Whiting (University of Minnesota-Duluth) - *Finding the fluorine: Non-target analysis illuminates atmospheric PFAS deposition trends*
- 15:20 - 15:40            Douglas Burns (U.S. Geological Survey) - *Atmospheric Deposition of PFAS in Wet Deposition and Throughfall to an Urban Forest*
- 15:40 - 16:00            Alex Frie (Minnesota Sea Grant, University of Minnesota) - *PFAS in Great Lakes Region Precipitation: Insights from Two Years of Observations*
- 16:00 - 16:20     Ali Milani (UW-Madison) - *Tracking PFAS in rain and snow around the Lake Superior basin*
- 16:20 - 16:40            Miguel Bernardez (Minnesota Sea Grant, University of Minnesota) - *Attributing of wet-deposition of PFAS by tracking sources backwards in time*
- 16:40 - 17:00     Randy Tangang (University at Albany) - *Short Term Effects of Cold Weather Factors on Hospital Admissions for Subcategories of Autoimmune Diseases*

