

# NADP Fall Meeting and Scientific Symposium

November 14-18, 2022

Knoxville, TN

## Call For Abstracts

2022 Theme: Monitoring for a Sustainable Future



The National Atmospheric Deposition Program (NADP) is a cooperative program of federal, state, tribal and local agencies, educational institutions, private companies and non-governmental groups. NADP provides long-term, high-quality air and precipitation measurements to evaluate atmospheric deposition over space and time. NADP's 350+ independent sites and five monitoring networks measure acids, nutrients, base cations, and mercury in precipitation; atmospheric concentrations of gaseous ammonia, and gaseous, elemental and particulate mercury; and mercury in litterfall. NADP data supports research on multi-pollutant source/receptor relationships, atmospheric modeling, the potential for deposition effects on terrestrial and aquatic ecosystems, and biogeochemical cycling of pollutants.

### About the Meeting

The meeting is intended for scientists, resource managers, educators, students, policymakers, and others interested in atmospheric deposition, air quality, and its effects on aquatic and terrestrial ecosystems. NADP data has been used for decades to understand and solve real-world problems impacting people and the planet, including helping to facilitate cleaner water, healthier air quality, more productive fisheries, informed environmental planning, improved air quality and climate forecasting, and responsible environmental stewardship.

### The Scientific Symposium includes:

- Two days of oral presentations;
- A poster session and reception on Wednesday evening;
- An optional field trip to the Great Smoky Mountains National Park Look Rock Area and Look Rock Air Quality Station & Observation Tower.

### Extended Deadline for abstracts: Sept 2, 2022

Oral and poster presentations are invited on all aspects of deposition monitoring, networks, equipment, sampling and analytical methods, modeling, research linking data to ecological responses, and the application and use of data for education, land management, and policy.

Student participation is encouraged. Current undergraduate and graduate students presenting posters or talks will be offered a discounted registration fee.

### Meeting Theme

“Monitoring for a Sustainable Future”

#### Topic Area 1. Applications

- Diversity, equitability, and inclusion in air quality monitoring; serving urban and rural communities; promoting public awareness and access to information and decision-making
- Deposition monitoring for science-based management of air pollution in a changing world; applications of critical loads to sustain biodiversity and ecosystem services

#### Topic Area 2. Results

- Deposition monitoring to assess and address chemical contamination of the environment
- Tracking emerging pollutants and climate change indicators

#### Topic Area 3. Effects

- Links between reductions in deposition and climate resilience
- Mercury deposition and effects

#### Topic Area 4. Advances

- Technological advances in deposition measurements and monitoring
- Advances in atmospheric chemistry and deposition modeling and critical loads

For abstract submission, registration, and hotel information, visit <https://nadp.slh.wisc.edu/nadp2022/>



National Atmospheric  
Deposition Program

For questions regarding the Scientific Symposium, please contact Linda Geiser, US Forest Service, [linda.geiser@usda.gov](mailto:linda.geiser@usda.gov). For other inquiries, please contact David Gay, NADP Coordinator, [dgay2@wisc.edu](mailto:dgay2@wisc.edu).