



NADP Fall Meeting and Scientific Symposium

Expanding the Boundaries of NADP

November 4 - 8, 2019 • Boulder, Colorado

About the Meeting Theme

“Expanding the Boundaries of NADP” relates to the continued growth of the Program catalyzed by a collaborative stakeholder base including extended global monitoring coverage, new applications and users of NADP products, and innovation.

Meeting Information

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 500+ independent sites and five monitoring networks measure acids, nutrients, base cations, and mercury in precipitation; plus atmospheric concentrations of gaseous ammonia, and gaseous, elemental and particulate mercury. 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.

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, smarter environmental planning, improved air quality and climate forecasting, stronger roads and buildings, and responsible environmental stewardship.

NADP Technical and Science Committee meetings, which are open to all, convene on Monday and Tuesday, **November 4 - 5 at the Embassy Suites Hotel, Boulder.**

The **Total Deposition Science Committee (TDEP)** is organizing a **one-day workshop on November 4** “Connecting Stakeholder and Science Perspectives in Better Understanding the Linkages Between Agriculture and Reactive Nitrogen Deposition.” The workshop will be held at the Embassy Suites Hotel, Boulder.

The **Scientific Symposium** will be held on Wednesday and Thursday, **November 6-7 on the campus of University of Colorado-Boulder.**

An **optional field trip** to the Boulder Creek Critical Zone Observatory (BcCZO) will be held on Friday, **November 8.**

The Scientific Symposium Will Include:

- Two days of oral presentations
- Keynote plenary panel presentations and discussion on new frontiers for atmospheric monitoring networks, featuring leading academic and government scientists and moderated by NADP Principal Investigator Dr. Jamie Schauer
- Poster session and reception on Wednesday evening, November 6

Deadline for abstracts: July 12, 2019

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.

Abstracts and presentations on any topic related to atmospheric deposition are welcomed. Submissions on specific topics related to the meeting theme are also encouraged, including:

- Air quality and low-cost atmospheric deposition monitoring technologies, sensors, methods, and analytes
- Data analytical techniques to estimate wet, dry, and total deposition; source apportionment; source/receptor relations
- Approaches and tools to better link air quality and atmospheric deposition to ecological responses; impacts to water quality; biogeochemical cycling of nitrogen, sulfur, mercury, and other elements
- Isotopes as tracers of atmospheric deposition and related cycling processes
- Atmospheric deposition monitoring in new challenging locations such as high elevation and coastal areas, urban settings, and managed ecosystems
- New partnerships and links to other regional/national/global long-term monitoring and research programs
- Linkages between agriculture and reactive N deposition – monitoring ammonia to understand trends and spatial patterns of air concentrations and deposition

Online Abstract submission available now at <http://nadp.slh.wisc.edu/nadp2019/>

Registration: <http://nadp.slh.wisc.edu/nadp2019/>

Student Support: Student participation is encouraged; students will be offered a discounted registration fee. The best student talk and poster will be recognized.

Sponsorship

NADP welcomes meeting sponsors. If you wish to contribute to the NADP fall meeting or other NADP events, please contact NADP Program Coordinator Dr. Michael Olson (michael.olson@slh.wisc.edu).

Additional Information

See the NADP 2019 website - <http://nadp.slh.wisc.edu/nadp2019/>

Questions about the Symposium

Please contact David Schmeltz, United States Environmental Protection Agency, schmeltz.david@epa.gov or 202-343-9255.

