**National Atmospheric Deposition Program (NADP)**
**Council of State and Territorial Epidemiologists (CSTE)**

# Aeroallergen Monitoring Science Committee Meeting

Thursday, April 21, 2022; 9:00 AM – 11:30 AM Eastern Time
(8:00 AM – 10:30 AM CT; 7:00 AM – 9:30 AM MT; 6:00 AM – 8:30 AM PT)

**In-person & Virtual via Zoom (details below on page 2)**

## DRAFT AGENDA

**(revised 4/20/22)**

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| 1. Welcome – Zoom Logistics – Introductions (5 minutes) | Johnson |
| 2. Approval of October 25, 2021 meeting minutes (5 minutes) | All |
| 3. Recap of activities since October 25, 2021 meeting (5 minutes) | Johnson and All |
| 4. Update on aeroallergen methods comparison study and preview of preliminary results (30 minutes) | Gay, Uram, Wetherbee |
| 5. Comparison of APS pollen sensor data with Burkard counts in Munich, Germany (20 minutes) | Landon Bunderson |
| 6. Field Evaluation Results of an Automated Pollen Sensor (15 minutes) | Yang Liu (Emory) |
| 7. Using NAB data to understand and forecast pollen for health (15 minutes) | Fiona Lo (UW) |
| 8. Modeling pollen emissions for the present-day and the future (15 minutes) | Allison L. Steiner |
| 9. Stakeholder Updates: (20 minutes) | |
| • CSTE | Lingwall |
| • CDC | Brown |
| • EPA | Kolian |
| • CityDep | Wetherbee |
| 11. Wrap up and adjourn | Johnson |

# AMSC: Zoom Meeting Information

For NADP's Spring 2022 Zoom meetings, they have been set up so that participants are required to first register (name and email address only), so that this information will come through on the participation listing at the end. The AMSC Zoom Meeting Registration Link is:

https://us06web.zoom.us/meeting/register/tZAkf-ygqTkoHNOtzY4vzj4ls9z3A55RCu_i

After you register, an email will then be sent to you with the actual Zoom meeting link and other details.

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# NADP Spring In-Person Meeting Information

If you are attending the Spring 2022 meetings in Madison, WI in-person from April 19 - 22, don't forget to register on the NADP website here:

https://nadp.slh.wisc.edu/spring2022/

The meetings will take place on the UW Madison campus at the Pyle Center.

***NADP MISSION is to:***

- *Provide quality-assured data and information to support research on the exposure of managed and natural ecosystems and cultural resources to acidic compounds, nutrients, mercury, and base cations in atmospheric deposition.*
- *Remain one of the nation's premier cooperative research support programs, serving science and education and supporting communication and informed decisions on air quality issues affecting ecosystems and human health.*
- *Respond to emerging issues and evaluate changes in its measurement systems, including the addition of other chemical and biological species.*

**NADP Aeroallergen Monitoring Science Committee (AMSC)**
**Mission, Charges and Priority Task Areas**

Mission and Charges of the AMSC

The mission of the Aeroallergen Monitoring Science Committee (AMSC) is to engage multi-disciplinary stakeholders in advancing the science of aeroallergen monitoring, including identifying emerging technologies, evaluating methods to ensure data quality, coordination of monitoring stations, and possibly serving as a repository of long-term aeroallergen monitoring data.

The specific charges of AMSC are to:

- Support the NADP's mission to "respond to emerging issues and evaluate changes in its measurement systems, including the addition of other chemical and biological species" by advancing the science of aeroallergen monitoring.
- Further the NADP's vision to "remain one of the nation's premier cooperative research support programs, serving science and education and supporting communication and informed decisions on air quality issues affecting ecosystems and human health."
- Engage stakeholders in effective decision making, identify priority research areas, facilitate outreach and education, and seek research funding.
- Support national networks that monitor aeroallergens by providing information on emerging measurement techniques, supporting efforts to standardize methods, quantifying data quality indicators, and providing best practices for data and information storage for long-term trend analysis.
- Identify and prioritize knowledge gaps in the field of measuring and modeling aeroallergens and advocate for research to address those gaps.
- Support development of models for the forecast, emission, transport, and removal of aeroallergens from the atmosphere.
- Create and maintain communication links between the aeroallergen research community and the Executive Committee to foster collaboration with the NADP's existing network of stations as a core component of the U.S. aeroallergen monitoring network.
- Encourage greater communication and collaboration between groups from different disciplines and countries with interests in aeroallergen monitoring, including NADP data users, by organizing scientific workshops and symposia at NADP meetings and with other scientific organizations.
- In collaboration with CSTE and other partners, revise the AMSC charge as the aeroallergen monitoring network is implemented.