

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

**Aeroallergen Monitoring Science Committee Meeting**

Tuesday, November 15, 2022; 8:30 AM – 10:30 AM Eastern Time  
(7:30 AM – 9:30 AM CT; 6:30 AM – 8:30 AM MT; 5:30 AM – 7:30 AM PT)

**AGENDA**

**(Revised 11/10/22)**

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|--|-----------------|
| 1. Welcome – Zoom Logistics – Introductions (5 minutes)  | Johnson         |
| 2. Approval of April 21, 2022 meeting minutes (5 minutes)  | Isil and All    |
| 3. Recap of activities since April 21, 2022 meeting (5 minutes)  | Johnson and All |
| 4. Update on aeroallergen methods comparison study and status of paper's (" <b>Initial Comparison of Pollen Counts in Precipitation and Ambient Air Samples to Traditional and Artificial Intelligence Counting Methods for a National Pollen Monitoring Network</b> ") publication in Aerobiologia journal (10 minutes) | Greg Wetherbee  |
| 5. Stakeholder Updates:  |                 |
| 1. CSTE (10 minutes)   | Lingwall        |
| 2. CDC (10 minutes)  | Brown           |
| 3. EPA: Overall Update (10 minutes)  | Kolian          |
| : Potential Deployment of Pollen Sense analyzers at CASTNET sites (15 minutes)   | Puchalski       |
| 4. CityDep (10 minutes)  | Wetherbee       |
| 6. Presentation: "The Pollen Monitoring Landscape in Maine – An Update" (35 minutes)   | Johnson         |
| 7. Wrap up and adjourn (5 minutes)   | Johnson         |

**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.