

Executive Committee Meeting – Fall 2023  
October 24, 2023  
Madison, WI

### Attendees

L. Geiser, M. Bell, D. Burns, T. Sharac, C. Collins, J. Walker, M. Puchalski, J. Schauer, J. Ash, G. Wetherbee, A. Cole, D. Schmeltz, K. Morris, D. Gay, D. Grabowski, Z. Najacht, R. Tanabe, A. Johnson, R. Haeuber, B. Dalton, R. Fulgham, W. Luke, M. Shafer, A. Mager, K. Blaydes, A. M. Macdonald, C. Rogers, M. Kuether, N. Miller, A. Dickens, A. Piña, D. Felton, B. Meys, C. Cooper, C. Frame

### Program Office Report

- Network status
- Cost saving measures are continuing to be evaluated (e.g., shipping, bag sampling, evaluation of ammonia passive samplers)
- Budget with emphasis on shipping
- anonymous equipment donation.
- Fall meeting cost was ~\$25K
- Only 5 sites on the “Sites in Jeopardy” list which is lowest in 20 years
- There are currently 10 active AMNet sites
- DG is planning to attend AMS in Baltimore this January.
- N. Tam started a second Alberta NTN site in Alberta and is expecting 3-4 more.
- SAES Report-out
- DG is proposing that the NTN maps next year include more of Canada (like MDN).
- David attended a workshop with Minnesota Pollution Control Agency (MPCA) on TMDLs in September 2023, and a Mercury meeting in Reno with 35 Hg scientists.
- Discussion of the eventual move of NADP to the Hill Farm location.

### Subcommittee Report-out

- *Each committee representative provided 1-2 slides ahead of the Executive Committee meeting. The slides provided an opportunity to share what was discussed during the committee meetings and any motions that were passed*

### Network Operations Subcommittee (NOS)

- New data validation branched approach to improve data validation process
- The PO has designed and produced improved parts for the Aerochem and implemented enhanced functionality to the ticket system.
- numerous AMNet site visits in 2023.
- Lab plans to purchase a replacement FIA instrument and finalize 2023 internal audit report.
- New bag testing for MDN to significantly reduce costs.

- Site photos have been added to the NADP website.
- USGS funding for co-located site program is uncertain in 2024.
- EEMS is improving the site survey database.
- CASTNET is going through Science Advisory Board review process.
- The PFAS pilot study continues to grow with new sites.
  - **Motions:**
    - Nomination and approval of Noel Deyette to become the next NOS Secretary
    - Approval of the Spring 2023 NOS Minutes

#### Joint Committee

- Raw and quality assured precipitation data is being planned to be available on the website in 2024.
- Black carbon pilot sites (12 sites).
- Executive committee has tackled several projects over the past year including developing a guidance document for site and funding issues and expanding NADP into urban/EJ communities.
- Operator Recognition award was presented to Jim Renfro and the Van Bowersox Meritorious Service award was presented to Eric Prestbo.
- There will be a TDEP measurement Workshop held during the Spring 2024 meeting.
- The PFAS 12-point plan was presented.
- The passive mercury 8-point plan was presented.
  - **Motions:**
    - The NADP shall accept PET bottles/material as a sampling container for MDN. PETG will remain an acceptable material.
    - Establish a PFAS NTN-subnetwork as a provisional/transitional network for 1-year starting January 1, 2024.
    - Nomination and approval of C. Collins as NADP Secretary.

#### Education and Outreach Subcommittee (EOS)

- The co-chairs and volunteers will be requesting content for Air Quality awareness week in Spring 2024.
- EOS will create an NADP slide deck for conferences and meetings.
- The governance document will be updated to an html page.
- The committee will develop a list of academic institutions with atmospheric science departments.
  - **Motions:**
    - Approved the Spring 2023 minutes.
    - Nomination and approval of E. Felker-Quinn as EOS secretary.

#### Quality Assurance Advisory Group (QAAG)

- Reviewed the wind rose plots to approve non-standard site configurations.
- The laboratory will resume total nitrogen and total phosphorous sampling.

- Presented the MDN bottle contamination study results and data note included on the website.

#### Data Management Advisory Group (DMAG)

- The group met this fall. Mark and Zac are continuing to lead as co-chairs.
- DMAG members are continuing to try to improve the data stream process.

#### Critical Loads of Atmospheric Deposition (CLAD) Science Committee

- Regulatory updates
  - EPA's Clean Air Science Advisory Committee (CASAC) provided their recommendations to the Agency on the NO<sub>x</sub>/SO<sub>x</sub>/PM<sub>2.5</sub> Secondary Standard Policy Assessment.
  - The ozone National Ambient Air Quality Standard (NAAQS) review restarted in August 2023 and the EPA Science and Policy workshop will be held in Spring 2024 to kickoff the next review cycle.
- The online Lichen Database and Wilderness Stewardship Tools is available.
- The Critical Loads Hub is now available
- Automated reports are now available.
- Potential communication and outreach action plan workshop during the Spring 2024 meeting.
  - **Motions:**
    - The nomination cycle for the incoming secretary was moved to the Spring Meeting.

#### Total Deposition (TDEP) Science Committee

- The Measurement Model Fusion workgroup shared preliminary analysis of impact of site discontinuities..
- The Measurement workgroup plans to host a workshop at the Spring meeting.
- The Stakeholder workgroup plans to hold a series of webinars to support agricultural stakeholder engagements (summer 2024).
- Environment and Climate Change Canada provided an update on the AQMEII modeling intercomparison study.
- The NEON program is interested in an intercomparison study with NTN.
  - **Motions:**
    - Nomination and approval of Kristen Foley as the new TDEP secretary.

#### Mercury in the Environment and Links to Deposition (MELD) Science Committee

- The MDN bag sampling evaluation is underway with positive results so far.
- A new Measurement and Modeling workgroup was formed to develop an improved method for estimating dry/total Hg deposition.
- The intercomparison between active and passive samplers is continuing at Beltsville (MD99). A laboratory intercomparison will be scheduled.

- Continued QA/QC of the passive samplers is required before there is a formal 8-point plan presented to the committees.
- Continued NADP/MELD engagement with Minamata convention team of experts.
- Development of an integrated Hg monitoring review is underway.
- Publications and workshop highlights were presented by M. Gustin.
- D, Schmeltz will take on the role of co-chair.

#### Aeroallergen Monitoring Science Committee (AMSC)

- There is a new data management workgroup that has met twice since the spring meeting.
- The committee is reviewing a draft factsheet and looking for feedback.
- The method intercomparison study was published in *Aerobiologia* on August 9th.

#### Budget Committee

- The 2024 budget of \$2.85 million was presented to the committee.
- Several cost-cutting efforts are underway at the laboratory.
  - **Motions:**
    - Approval of the minutes and the 2024 Program Office budget

**Motion:** Motion to accept the committee reports. Motion passed.

**Motion:** Motion to approve the Spring 2023 minutes. Motion passed.

#### Agency Report outs

BLM

FWS

NPS

EPA

USDA/FS

USGS

NOAA

Maine DEP

ECCC

LADCO

SAES Directors and NRSP-3

SAES

MD DOE

MN PCA

NY DEC/NYSERDA

WI DNR

### New Business and Updates

#### Annual Letter to Operators and Supervisors (Richard Tanabe)

- The PO is proposing to send an annual letter to sites (operators, supervisors) preemptively to prepare for a lapse in funding. The threat of a government shutdown seems to occur at least once per year.

#### Guidance for Operational and Funding Issues (Melissa Puchalski)

- Document is located in the PO's Google drive directory that can be viewed and edited by anyone with the link [Guidance for Operational and Funding Issues 05Jun2023.docx - Google Docs](#)

#### PFAS Update (Melissa Puchalski)

- A 12-point plan was drafted by several advocates to shift the PFAS in precipitation special study project to a pilot network. The plan was presented in Joint and the motion to approve the pilot network was passed.

**Amended Motion:** Establish a PFAS NTN-subnetwork as a provisional/transitional network for 1-year starting January 1, 2024. During the transition period the advocates will work with existing and potential new sponsors to expand the current pilot network. Any site that joins the PFAS NTN-subnetwork must be an NTN site to join. The Program Office and the laboratory will continue to develop the SOPs, streamline the data management and reporting functions, and develop a webpage for the PFAS concentration and flux data.

The amended motion passed.

**Motion:** A motion to adjourn, and passed.