

Spring 2023 Executive Committee Meeting
Madison, WI
Friday May 5, 2023
8:30AM – 12:30PM (CST)

Attendees:

Linda Geiser, John Walker, Mike Bell, Melissa Puchalski, Catherine Collins, Tim Sharac, Doug Burns, David Gay, Jamie Schauer, Mark Kuether, Kristi Morris, Aaron Piña, Andy Johnson, David Schmeltz, Martin Shafer, Winston Luke, Rick Haeuber, Cindy Dallmann, Ryan McCammon, Amy Mager, Nichole Miller, Zac Najacht, Richard Tanabe, Tip Vandall, Dirk Felton, Jeremy Ash, Anne Marie McDonald, Ryan Fulgham, Dana Grabowski

Welcome, 8:35 am, welcome by Linda.

Introductory Remarks, by Jamie Schauer.

Program Office Report, David Gay

There was discussion of inflations impact upon the program, with focus on increasing shipping costs. Significant improvement in the ability to get supplies. Salary increases of 2% last year from the state. Budgets for the program are balanced (+/-2%), with the PO and lab continue to work on cost savings and efficiencies including laboratory automation, AMoN switch from Radiello to ALPHA samplers, converting all sites to bag sampling with MDN, and exploring lower shipping options.

- There are a fewer number of sites in jeopardy than in previous years, but the site reductions are small in number.
- In FY24 (effective in July) there is another scheduled 2% increase for each subnetwork.
- The passive sampler effort (ambient, low-cost methods being discussed in MELD) will build upon the AMNet network.
- QAAG is reviewing the MDN bottle supply contamination that occurred last year. This will impact how the maps are developed.
- Acid Rain 2020 was held in Japan – David, Jamie, Doug, Mike McHale attended in-person
- The decision was made to stop printing the map summary, and only make it available online.

Committee, Subcommittee, and Advisory Committee Reports

NOS Report (Tim Sharac)

Two Motions:

1. NOS minutes from Fall 2022 meeting approved
2. The Program Office will make a Tekran mercury speciation system available to Vietnam National University, with the understanding that the University must join AMNet and pay the associated network fees. Shipping costs will be borne by the Vietnam National University, and the equipment will not be shipped until the network fee is paid.

Joint Report (Tim Sharac)

Four Motions:

1. Joint minutes from Fall 2022 meeting approved
2. Motion to name the HAL and CAL the NADP Analytical Laboratory (NAL).
3. The Executive Committee requests that the Program Office ensure that the raw 15-minute, hourly, and daily precipitation depth data be made available in tabular and graphical form for viewing on the new version of the NADP website.
4. The Executive Committee requests that the Program Office ensure that quality assured 15-minute, hourly, and daily precipitation depth data be made available for download on the new version of the NADP website. The EC additionally requests that the PO make these data available in as timely a manner as possible after completion of all quality assurance steps.

EOS Report (Catherine Collins)

Motions:

1. EOS minutes from Fall 2022 meeting approved
2. Update the NADP Governance Handbook to reflect the recent rebranding of the Central Analytical Laboratory (CAL) and the Mercury Analytical Laboratory (HAL) to the National Atmospheric Deposition Program Analytical Laboratory (NAL)

QAAG Report (Nichole Miller)

Provided an update of the MDN bottle lot had a contamination issue which may potentially effect 5+ months of samples (September 2022 – January 2023). To resolve the issue the laboratory/PO will send a note to the MDN sites that were impacted to provide more information about the issue and how the data will be handled.

DMAG (Zac Najacht)

Mark and Zac will continue to co-chair the DMAG. The PO is developing SOPs for posting data to the website and a standard form for users to fill out for one-off data requests. This will help track these requests for data that aren't posted publicly.

CLAD (Jeremy Ash)

Motion:

1. The science committee decided to dissolve Working Group 4 – the Uncertainty Workgroup.

CLAD has also developed a Critical Loads Hub tool that guides users toward what questions you might want to ask for planning for land management Agencies.

TDEP (Ryan Fulgham)

Motions:

1. Incorporate the Deposition Uncertainty Workgroup into MMF Workgroup
2. Incorporate the City Dep Workgroup into the Measurement and Monitoring Workgroup

MELD (Rick Haeuber)

Mike McHale developed a tool for calculating trends in Hg concentrations at MDN sites.

MELD held a mini workshop to review national comprehensive and integrated mercury monitoring capabilities. Provide information to make informed decisions on investing in mercury monitoring capabilities across all sampling and how they relate to NADP efforts.

AMSC (Andy Johnson)

Motion:

1. Approval of the Fall 2022 minutes.

Maine DEP procured 4 Automated Particulate Systems (APS) from PollenSense. They are also purchasing 2 Rotorods from Aerobiology Laboratory (ABL) for intercomparison. They plan to conduct a pilot this year, with a full deployment next year ahead of the 2024 pollen season.

Budget Committee (Doug Burns)

The Budget meeting will be held this summer.

Executive Committee Motions:

A motion was passed to accept the Joint/NOS/EOS reports. Doug second. Motion passed.

A motion was passed to accept the reports from the Science and Advisory Committees.

Federal Agency and Stakeholder Reports

DOI/BLM (Ryan McCammon)

DOI/FWS (Catherine Collins)

DOI/NPS (Kristi Morris)

EPA (David Schmeltz)

USDA/USFS (Aaron Piña)

USGS (Doug Burns)

ECCC (Anne Marie)

NOAA (Winston Luke)

Maine DEP (Andy Johnson)

NY DEC (Dirk Felton)

New Business & Updates

Strategic Plan Discussion (David Gay)

In 2018-2019 the NADP Executive Committee and PO developed a strategic plan with 9 general priorities. The program has been addressing each area with some examples of progress provided.

Expanding NADP urban sites and beneficiaries (Linda Geiser)

The Executive Team selected four priority areas to focus on over the next year.

1. Expanding urban monitoring (Linda)
2. Addressing operational and funding issues (Melissa)
3. Offering total N + total P (John)
4. PFAS 12-point plan (John)

Guidance for Vulnerable Sites (Melissa Puchalski)

Workgroup (Kristi, Winston, Doug, Linda, David G, Richard, Melissa) developed a draft guidance document that was shared yesterday with the Executive Committee for their review. The document is intended for new Agency or Organizational sponsors to serve as a guide for addressing common issues related to operating and sponsoring an NADP site.

Total N/Total P (SNIpIT) (John Walker)

Development of the sampler and testing has been paused due to staffing issues, but that has been resolved. Ready to redeploy at Duke Forest soon. The vision has been to have SNIpIT be an add-on to the NTN analytical suite as an option.

PFAS 12-Point Plan

The drafting of this plan has begun.

Discussion on Additional Analytes to Consider (All)

Several suggestions of potential new analytes was discussed, including Dissolved Organic Matter (DOM) and/or Total Organic Matter (TOM), and Levoglucosan (LG).

Fall meeting (Mike Bell)

Meeting will be held October 23-27, 2023 in Madison, WI, with the theme: What's your climate story?

Ellis Cowling Lifetime Achievement Award – No update

Motion to adjourn, which was passed.