

# NADP SPRING 2023

## EDUCATION & OUTREACH COMMITTEE

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Location: University of Wisconsin: Pyle Center 702 Langdon St, Madison, WI 53706  
<https://uwmadison.zoom.us/join/9tJwqfuqprD8vHdQDocgLoKR9QjhknqD3XcMK>

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Date: Thursday, May 4, 2023

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Time: 10:30 AM – 12:00 PM CDT

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Officers: Catherine Collins (co-chair) & Chris Rogers (co-chair)  
Beck Dalton (secretary)

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### ***MOTIONS***

- 1) **Passed:** Approve fall 2022 meeting minutes.
  - a) Moved: Richard Tanabe
  - b) Seconded: Mike Bell
  - c) Discussion: None
  
- 2) **Passed:** Update the Governance Handbook to reflect the recent approval of rebranding the Central Analytical Laboratory (CAL) and the Mercury Analytical Laboratory (HAL) to the National Atmospheric Deposition Program (NADP) Analytical Laboratory (NAL).
  - a) Moved: Richard Tanabe
  - b) Seconded: Cheryl Sue
  - c) Discussion: None

### ***AGENDA DETAILS***

#### **3) EOS COMPLETED WORK**

- a) Governance Handbook
  - i) Completed governance handbook updates in November 2022 and propose a review for every three years
  - ii) Reviewed proposed changes to governance handbook to reflect name change - NADP Analytical Laboratory (NAL) instead of Central Analytical Laboratory and Mercury Analytical Laboratory (HAL)
- b) Guidelines for Review of Information Products
  - i) Changes made and revised version approved by Executive committee on 11-15-2022
  - ii) Need to determine the process
  - iii) Discussion on form:

NADP Information Product Submission Form

Document Title:	
Authors:	
Description:	
Summary of Response to Reviewers Comments:	
Document is ready for publication:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Location where the document should be posted online:	
Executive Team Signature:	
Program Office Signature:	

- (1) *Mike Bell*: This is for reports or documents that are not previously published to make sure there is feedback from NADP/EOS.
- (2) *Richard Tanabe*: Who will manage the Google form? Do we expect the program office to maintain this, or will it be covered by the committee?
- (3) *Catherine Collins*: limited resources for the program office.
- (4) *Mike Bell*: With leadership turning over of committees, might be better to have this located online for EC to have access to it.
- (5) *Greg Wetherbee*: Would only expect the program office to make it available online. As long as the program office has a final copy of the signed form and it is filed away. Do not make this a big lift for the PO by putting it online, just add the PDF online so people can download it and fill it out.
- (6) *Catherine Collins*: Make a fillable PDF form and directions online.

c) Student Papers and Posters

- i) 9 papers and 6 posters from fall 2022
- ii) Best paper: Christopher Lawrence: The emerging role of organic carbon in atmospheric chemistry at Whiteface Mountain
- iii) Best poster: Henry Long: Long-term trends in atmospheric mercury and linkage to concentrations in aquatic biota
- iv) Judges: John Walker, Greg Beachley, Selma Isil, Jennifer Holguin, Catherine Collins, and David Gay

- v) Judging process
  - (1) Moving from spreadsheet to Google form for Fall 2023
- d) Air quality awareness week
  - i) Includes background, resources to share, and suggested social media posts
  - ii) <https://nadp.slh.wisc.edu/aqaw-2022/persistent-pollutants/>
  - iii) Thanks to Emmi Felker-Quinn and Richard Tanabe
  - iv) Call for help with AQAW 2024: April 29 – May 3, 2024

#### 4) OLD BUSINESS

- a) NADP Fact Sheet
  - i) Four-page document containing
    - (1) History
    - (2) Highlights Networks and Lab
      - (a) NTN, MDN, MLN, AMNet, AMoN
    - (3) Membership
    - (4) Addressing Data Gaps and Building Capacity in Monitoring Networks
    - (5) Data Quality and Availability
    - (6) Highlights Science Committees
      - (a) TDep, CLAD, AMSC, MELD
  - ii) Should we publish this on paper or make it web-based?
  - iii) Almost ready to for to the PO for review and publication.
- b) Wikipedia page review
  - i) Review every 6 months
  - ii) EOS Officers reviewed changes on Wiki page since Fall 2022 Meeting
  - iii) Two references were edited since the Fall Meeting (1 Bot, 1 New User)
  - iv) 206 pageviews from November through April 2023
  - v) Average 2 views per day
  - vi) No progress has been made on removing the tags that were applied during January 2022. We have volunteers to be a part of an Ad Hoc committee to determine how best to get the tags removed. We are planning on having a meeting to discuss the plan. Chris Rogers to review this before Fall 2023 meeting.
- c) Education learning module
  - i) Unable to launch this effort but would like to move forward with this in the next six months.
  - ii) Does anyone want to help lead the effort of be on this team?

#### 5) SOCIAL MEDIA UPDATE

- a) Social media schedule
- b) Submit to social media for Facebook and Instagram:
  - <https://nadp.slh.wisc.edu/social-media-submission/>

- (1) Beck Dalton to be the point of contact and review submissions then pass along to NADP to upload on platform

Month	Committee/Other Content
January	Link to the Fall Meeting
February	EOS
March	NOS/Spring Meeting
April	AMSC
May	TDEP/Air Quality Awareness Week
June	CLAD
July	CityDep/ call for abstracts
August	NOS/ meeting registration
September	MELD/science fair
October	QAAG
November	Fall Meeting Highlights
December	None

- c) Twitter update: cooling off period and suspended posts after the Fall 2022 meeting
  - i) CLAD has not been posting content on their account
- d) Social media team
  - i) Problems
  - ii) Previous Social Media team has had many changes
  - iii) Time resources are more limited
  - iv) Number of Viewers: 330 views on Facebook and 10-25 likes
  - v) Discussion:
    - (1) Is this worth it?
    - (2) Are there other ways we can get the NADP Message out?
    - (3) *Richard Tanabe*: Do not need to put a lot of effort into social media. Are we getting anything out of it? Move to deactivate the Twitter account.
    - (4) *Nichole Davis*: Agrees with Richard to deactivate Twitter until things change – used to help with the social media accounts. Still okay with Facebook and Instagram. Don't think it's a good idea to share passwords.
    - (5) *Catherine Collins*: LinkedIn might be another option for social media.
    - (6) *Richard Tanabe*: Could give Beck permissions to upload on NADP on our accounts. We used to do one password, but now it is based on user accounts.
    - (7) *Catherine Collins*: Update submission form to remove Twitter.

## 6) NEW BUSINESS – OPEN FORUM

- i) AI for AMON (Richard)
  - (1) Proposing to use scribe to create guides for operators
    - (a) Example with how to view precipitation data on the webpage
    - (b) Includes step-by-step instructions
    - (c) The life of an NADP AMoN Sampler
      - (i) Previously didn't have great voice-over skills

- (ii) Richard came across a product with text-to-speech conversion.
  - (iii) We could add someone speaking in the corner of a video.
  - (d) We have options to make training more enjoyable.
- ii) Proposal to change structure of EOS: *Chris Rogers*
  - (1) We want to expand the size of the group of EOS members who meet regularly. We have been meeting once or twice per month.
  - (2) We want to take more of a steering committee approach – follow TDEP. Perhaps we have a group of 10 or 12 people who could meet and divide up the work.
  - (3) Succession plan: Chris Rogers to step-down from co-chair, Beck Dalton moving to co-chair, and Emmi Felker-Quinn will become secretary. We need to have a steering committee to provide the continuity.
  - (4) Is there anyone who would like to volunteer to be a part of this?
  - (5) *Catherine Collins*: does anyone have discussion on the structure of the committee?
  - (6) *Mike Bell*: shift is needed. We can't rely on a communication team outside of product development. We need to integrate communication into product development. This is outside most of our natural skill sets. We need to get people engaged beyond just social media. Supports concept of being more integrated into the different science committees.
- iii) Committee chairs meeting
  - (1) Purpose: EOS is convening this meeting twice a year in between the Fall and Spring NADP Meetings to touch base and make sure that we are up to date with how EOS can help the committees with their outreach activities.
  - (2) Dates:
    - (a) Thursday, July 20, 2023: 2 – 3PM ET
    - (b) Thursday, February 29, 2023: 2 – 3 PM ET
  - (3) Action items:
    - (a) Each committee was tasked with the following:
    - (b) Review Wikipedia page
    - (c) Review your committee's section on the NADP webpage
    - (d) Provide 2 EOS representatives
    - (e) Once all of the fact sheets, brochures, and videos are complete, create a bundled package with links that could be sent out to managers/interested parties.
- iv) Committee round-robin updates
  - (1) Science Committee Reports
    - (a) CLAD:
      - (i) Current rep: Jennifer Holguin is representative for one year.

- (ii) Report by: Emmi Felker-Quinn and Mike Bell CLAD will need to find a new representative.
  - (iii) Updates: AQAW and FS Critical Loads videos will be adding to NADP Critical Loads webpage.
    - 1. Promote CL naming manuscript.
    - 2. Finish handbooks on lichens and herbs.
    - 3. Goal to provide training videos for online resources.
    - 4. Conditions and trends report
    - 5. Critical load assessment and site tool
- (b) TDep
  - (i) Current rep: Kristi Morris
  - (ii) Report by: Chris Rogers
  - (iii) Updates:
    - 1. Need to update measurement model fusion factsheet
    - 2. Our month for social media to announce new model runs
    - 3. Updating the TDep Maps and will provide revisions for webpage. They are looking for help after the Spring Meeting to promote TDep's summer forum.
      - a. *Amanda Cole*: Just one follow up from what Chris mentioned - there was a tweet in late March about the map animations
- (c) AMSC
  - (i) Current rep: Andy Johnson and Selma Isil
  - (ii) Report by: Andy Johnson
  - (iii) Updates:
    - 1. Aeroallergen could use a factsheet
- (d) MELD/Litterfall:
  - (i) Current rep: Colleen Flanagan Pritz
  - (ii) Report by: Colleen Flanagan Pritz (co-chair)
  - (iii) Updates:
    - 1. Conduct success field trip to Arboretum – elevating the importance of co-locating air and biological sampling will be a priority moving forward
    - 2. Goal to promote cross-media collections
    - 3. Mercury brochure was to be published on the website that week.\* They are looking at updating the Hg infographic by animating the Hg cycle.
- v) Subcommittee and Advisory Group Reports
  - (a) NOS:
    - (i) Current rep: Tim Sharac and Winston Luke
    - (ii) Report by: Tim Sharac
    - (iii) Updates:

1. Motion to allow Vietnam National University to participate in AMNet – will receive equipment for free
  2. Exploring site operations collector hygiene
    - a. Create a new subcommittee to address findings from site audits
    - b. Exploring idea of spring-cleaning scavenger hunt
  3. Bag-sampling to save money across the network
- (b) DMAG
- (i) Current rep: Zac Najacht and Mark Kuether
  - (ii) Report by: Zac Najacht
  - (iii) Updates:
    1. Working on a data request form to formalize process
    2. Already provide this service via email
    3. Indicate to user what fields they need to provide
    4. Mark and Richard are working on posting this to the website
- (c) QAAG
- (i) Current rep: Nichole Davis
  - (ii) Report by: Nichole Davis
  - (iii) Updates:
    1. Getting the word about updated QARs
    2. Pushing site report surveys out
- (d) Last words for CityDep
- (i) Current rep: Greg Wetherbee
  - (ii) Updates:
    1. CityDep is merging with measurement group under TDep

## 7) ATTENDANCE (58 IN-PERSON & ONLINE)

Chris Bauknecht	Tracy Dombek	Andy Johnson	Kristi Morris	Rodolfo Sosa Echeverría
Mike Bell	Paige Dugan	Maria Jones	Zac Najacht	Marcus Stewart
Katie Blaydes	Emmi Felker-Quinn	Colin Kelly	Jason O'Brien	Cheryl Sue
Doug Burns	Colleen Flanagan-Pritz	Katherine Ko	Melissa Puchalski	Richard Tanabe
Michael Butler	Chris Florian	Mark Kuether	Michael Randall	John Walker
Abby Carr	David Gay	Chris Lepley	Cameron Ritonja	Greg Wetherbee
Amanda Cole	Linda Geiser	Winston Luke	Chris Rogers	Kirsten Widmayer
Ashley Colon	Dana Grabowski	Amy Mager	Pablo Sánchez	Zhiyong Wu
Catherine Collins	Lucas Hawkins	Ryan McCammon	Martin Schaefer	Kenny Yan
Christa Dahman	Eric Hebert	Mike McHale	David Schmeltz	Gary Yip
Beck Dalton	Mauro Cortez Huerta	Tim Menderball	Jeremy Schroeder	
Noel Deyette	Amelia Jiménez	Nichole Davis	Tim Sharac	