

Ecological Response and Outreach Subcommittee

NADP Spring Meeting

Madison, WI

April 26 - 27, 2016

Meeting Minutes

Minutes taken by Andrew Johnson

Participants:

Greg Beachley, EPA (by phone)
Doug Burns, USGS
Tonnie Cummings, NPS
Cari Furiness, North Carolina State University (by phone)
David Gay, NADP Program Office
Rich Grant, Purdue University
Selma Isil, AMEC
Andrew Johnson, Maine DEP
Bob Larson, NADP Program Office
Jason Lynch, EPA
Ali Mohamed, NIFA
Ryan Nelson, Eurofins Global Sciences
Claire O'Dea, US Forest Service
Pam Padgett, US Forest Service
Chuck Sams, US Forest Service
Donna Schwede, EPA
Alan VanArsdale, EPA (by phone)
Scott Weir, Contractor with Kansas Kickapoo Tribe

1. Pam Padgett called the meeting to order at 3:26PM on Tuesday, April 26 (after much troubleshooting with the remote access system). Participants introduced themselves at the same time that a meeting attendance sheet was circulated capturing their name, affiliation and e-mail address (see attachment).

2. Pam asked for a motion to approve the minutes from the fall 2015 meeting in Rochester, NY. Rich Grant moved to accept them as submitted; Ryan Nelson seconded the motion. There was no discussion. **Motion passed** unanimously approving the fall minutes.

3. Status of updating the “Nitrogen in the Nation’s Rain” brochure: Copies of both the original and the most recently revised version of the brochure were handed out. Pam noted the difference in “tone” between some of the sections, in that some are more general while some are more technical. Agriculture section may need to be simplified (8th grade level? – a lay reader is the target audience) and made shorter. Ali Mohamed suggested including some economic aspects (i.e. dollar figures) regarding the problems associated with the topic; maybe put it after the critical loads and effects section? There

were some concerns about the current language and terms used for the intended audience. Page numbers should be added. The possibility of including a subtitle was suggested. It was thought the first page should be revised to be a more generalized “big picture” perspective, sort of like an executive summary. Possible photo ideas to illustrate the first page were discussed. Cari Furiness volunteered to rework the first page. Pam described her vision of a “modular” concept for the document, where any of the sections could be pulled out and stand alone separately. Alan VanArsdale suggested that links be included in the document that would take the reader to more detailed information. Pam will follow up with Cari, Greg Beachley and others on revising the text and other document changes. Some of the differences between a digital/online version vs. a paper/printed version were noted. The use of abbreviations like N_r and N_{n-r} were discussed.

4. Data Citation and Licensing Update: Bob Larson reviewed the background on our desired use of DOIs (Digital Object Identifier) for the proper citation of NADP data, where a reader can click on the DOI which will then take them to a landing page containing all of the proper citation information. He shared that in the course of creating preferred data files (which are comprised of “finalized” data) vs. interactive queries (which are comprised of preliminary data and have a limited time period), the challenges of updating DOIs became quite apparent when changes are made to the data. Consensus was that going with preferred data files appeared to address several issues. Bob said that web service considerations are also being kept in mind during this process (like API – application program interface). Regarding data licensing, the Holder memo on all government data sources that are accessed via a public domain was mentioned and briefly discussed.

5. Outreach to K – 12: Pam and Donna Schwede have been discussing a few ideas. How does one best “tell the story” about NADP? It is desired to have a module on agriculture and nitrogen, like for a 4-H project. Ali shared the “think water” approach that is “worked into” existing curricula. Pam and Donna will continue to brainstorm and search the web for existing ideas. David Gay suggested the NADP web site’s education page be populated with 5 – 6 minute videos which could be recorded at the fall meeting.

The meeting was suspended at 5:07PM and will resume tomorrow/April 27 in the morning.

The meeting was reconvened at 8:33AM on Wednesday, April 27.

6. Outcome of CLAD Definitions Project: Claire O’Dea gave a brief overview of the history and purpose of CLAD, followed by a presentation on CLAD Critical Load Definitions. She was interested in feedback from EROS members. Discussed several examples of the differences between U.S. vs. European use of terms / definitions. Jason Lynch inquired about what was the best way to get proper citation of this document – DOI? It was suggested CLAD should probably consider doing the same

thing for last year's critical load maps brochure. CLAD is also considering making revisions to the current critical loads Wikipedia webpage, which was written by the Europeans. There was some discussion about some exciting new areas for critical loads, such as species diversity and soil health.

7. NADP Quarterly e-Newsletter: Reviewed the topics that were in the last e-newsletter, Issue #6. David shared some suggestions from Molly Woloszyn for future issues via a presentation. For Issue #7, article content is needed by May 27 for a June 21 release / publication date goal. The suggested focus / theme for a map will be on TDEP, which is an area of NADP that is not generally well known. Put out a request for strange site occurrences. Site operator feature: Hoss at MD15. WA state science fair winner – Ella. NADP IMPACT statement highlight. Skip any mercury related topics and save for another issue. For Issue #8, use Greg Wetherbee's paper on rain gage data as a launching point for a theme. Ideas for future themes: "international" theme – lots of ideas; climate dynamics and NADP; student use of NADP data; and "a day in the life of a NADP sample. Do an article on why NADP doesn't publish phosphorous data.

8. Wikipedia Page: Pam is willing to pull some bullets together for everyone else to comment on. Having a variety of folks contribute to development of the page is desired / best. How to get started – outline for page:

- Bob will initiate creation of page / logo.
- David will provide a brief description on who we are and what we do.
- Doug Burns will provide a history on the National Precipitation Assessment Program (NPAP).
- Andy will provide a listing of the networks and what they are / what they measure.
- Pam will provide content on organization and governance, including funding scheme and meetings.
- Data users – who and how.
- Data products and reports.
- References.

9. Other Business:

- Connecting site operators better with NADP community: Hold more webinars on "this is how we use your data"? Put training webinars on a CD or on YouTube? Beef up recognition (awards) somehow? Pay travel expenses to attend a meeting? Have trained veteran operators train newer ones? Conduct a 30-minute online welcome and overview every other month or quarterly by David, Mark Rhodes and Bob? Be mindful to keep site supervisors in the loop on communications with operators.

10. Bob moved to adjourn the meeting. Doug seconded the motion. There was no discussion. **The meeting was adjourned at 11:01AM.**