

## Ecological Response and Outreach Subcommittee

### NADP Spring Business Meeting

April 24 – 25, 2012

Portland, OR

### **MEETING MINUTES**

#### Tuesday, April 24

##### Participants:

David Gay, Program Office

Andy Johnson, Maine DEP

Maggie Kerchner, NOAA

Ray Knighton, USDA

Chris Lehmann, Program Office

Pam Padgett, U.S. Forest Service

Lisa Volk, Program Office

By phone: Cari Furiness (NC State Univ.), Rich Grant (Purdue Univ.), John Walker (EPA), Suzanne Fisher (TVA)

The meeting was called to order at 1:40pm

#### **Updates on actions assigned at fall 2011 meeting**

##### a) Universal Poster Template

Cari Furiness led off discussion of the NADP Poster template. This was in follow up to the action assigned at the fall 2011 meeting. The idea is to provide a poster template and examples of posters with this template for others to use to create their own poster. Examples were shown to the group via the EROS web site. The group discussed providing the template and examples on the NADP website under the 'Presentations' tab. David Gay suggested that we have a single Power Point that starts with a slide for each section of the poster, followed by the examples of posters created. Ray offered that we could create an automated system whereby the user selects sections that would then automatically populate a slide with all the sections the author wants. The group agreed that this would take some doing, and there doesn't appear to be anyone who can do this at this time. While it was a great suggestion, it will be on the back burner for now.

The recommendation was made to have posters designed for NTN, AIRMoN, and the other networks. The MDN poster should be updated.

**Action:** David agreed to work on developing posters for the other networks.

**Action:** David and Maggie will work on producing the single PPT and present it at the fall meeting.

b) NADP outreach to agriculture

David explained that he wrote letters to several key regional agriculture representatives to inquire about providing an NADP presentation to them at their next meeting. He received only a few responses thanking him for his offer and letting him know that they would contact him if they are interested.

Ray Knighton suggested that there be a multi-state agricultural research committee established that would deal with atmospheric deposition. Ray offered that the establishment of the committee could be initiated by Rich Grant and others. Rich (on the phone) believes this is do-able and that ammonia (emissions and ambient concentrations) would be the best topic. Rich felt that agriculture scientists focused on water issues would not be interested. Rich would need to reach out to those involved in air quality research.

**Action:** Ray and Rich need to get together to discuss this idea further.

c) Results of search for NADP in pubs and conference proceedings

Chris Lehmann presented the results of research conducted by Susan Braxton, University of Illinois Librarian. Susan looked into developing an algorithm to easily count citations of NADP data products in the peer-reviewed literature. She grouped citations by type: article, review, conference paper, etc and looked at how the publication counts changed over the history of the program. What still needs to be assessed is how have publications counts and classification types changed with significant events.

Susan would like to further this work by finding a method to export the citations to a data management software program. RefWorks was identified as a potential option. She would like to mine the data to evaluate trends in publications over time to identify what impact NADP has had (journal impact factor), and she would like to identify a better means for NADP to get NADP data cited. The idea of using a doi was raised.

**Action:** Chris Lehmann will let Susan know that EROS appreciates her work and would LOVE for her to continue with her analysis.

## **New Business**

a) Planning for a “green” fall 2012 meeting and future meetings (Maggie Kerchner/Lisa Volk)

Maggie Kerchner explained that the idea came from hearing about an AMS policy on Green Meetings. While NADP members and participants have a solid environmental mindset, it would be worth it for NADP as an organization to intentionally move to “green meetings” starting with the fall, 2012 meeting.

**Action:** Maggie and Lisa will work on a list of tips and suggestions for participants at the fall meeting that could be displayed at the registration table and be posted on the website. Lisa will also work with the conference facility to make recommendations and choices to reduce or minimize our environmental impacts.

b) Ray Knighton informed EROS that he heard a presentation about interns from the NSF-funded Integrative Graduate Education Research Traineeship (IGERT) program. Two of the six interns expressed interest in atmospheric nitrogen deposition and a third intern is interested in mercury. Ray

believes it would be worthwhile for NADP to somehow facilitate this information via the NADP website and listservs. After much discussion about how this immediate opportunity could be handled and what future actions could be taken, the following was decided:

**Action:** In the short-term, David Gay will send an email message to the full NADP list informing them about the IGERT intern opportunity. David will also announce in that email message NADP's desire to provide a section on the website for facilitating these kinds of opportunities.

**Motion:** Pam Padgett made the motion to have the Program Office add a section for facilitating internships/fellowships/ and other scholarly activities under the 'Recent News' header on the NADP home page. The motion was seconded by Lisa Volk. All were in favor and the motion passed.

### Wednesday, April 25

Joint Meeting between EROS and DMAS.

Participants:

David Gay, Program Office

Maggie Kerchner, NOAA

Ray Knighton, USDA

Chris Lehmann, Program Office

Pam Padgett, U.S. Forest Service

Lisa Volk, Program Office

Tom Bergerhouse, Program Office

Kevin Mishoe, AMEC

Bob Larson, Program Office

Tracy Dombek, Program Office

Tom Butler, Cornell University

Kristi Morris, National Park Service

Brian Kerschner, Program Office

Greg Wetherbee, U.S. Geological Survey

Chris Rogers, AMEC

By phone: Suzanne Fisher

The meeting was called to order at 8:10 am.

#### **1) Animated Maps**

Bob Larson took the group through the new animated map display that is overlaid on to Google Earth. A few suggestions made were to provide an explanation as to what the icons are, provide units of measure where you have concentrations.

David suggested to include the closed sites on the map and id them differently.

When you mouse over a site icon you see brief site information. You must click to open the full information for the site. While a mouse roll over to pop up all the information would be nice, it's way too much information to try to show at once.

A suggestion was made to define 'kmz' on the page so that people know what it is. Bob explained that it's a format that opens to Google Earth. Bob explained that there are still some changes he

wants to do to improve the connection with Google. Some of the main differences between old map style and new style is the animations are smoother and we've moved from isopleths to a gradient map.

**Motion:** Chris Lehmann made the motion that we accept the new animated maps as presented at the joint DMAS/EROS meeting. Pam Padgett seconded the motion. All were in favor and the motion passed.

## **2) Annual NTN Maps Pre-1994**

Bob led discussion about the ability to generate animated maps pre- 1994.

In 1994 there was a change made from sending samples back in the bucket to pouring the sample from the bucket into a bottle and returning the bottle. For most analytes the change in methodology and equipment was small, with the exception of pH. In some cases, where the pH value is high at the site, the difference in pH is large.

When the maps were created for 1994, the decision was made to not go back and do maps prior to 1994. Bob believes this was a mistake. After further review Bob found that in the sulfate maps, for example, we miss out on showing a lot of the history by not including 1985-1993.

**Motion:** Chris Lehmann made the motion to add to the list of animated maps both pH and H+ going back to 1985. Greg Wetherbee seconded the motion. All were in favor and the motion passed.

**Motion:** Chris Rogers made the motion that we make annual maps for all analytes for 1985 to 1993. Pam Padgett seconded the motion. All were in favor and the motion passed.

**Motion:** Chris Rogers made the motion for the Program Office to generate annual maps for pH and H+ for 1985 through 1993 for review at the fall meeting. Kevin Mishoe seconded the motion. This motion was then amended to have the product made available to EROS and DMAS members prior to the fall meeting for review. All were in favor and the motion passed.

**Motion:** Pam Padgett made the motion for the Program Office to create a history table of changes to methodologies and equipment for each network that includes the date the change was made; analytes affected; and ramifications, for presentation and review at fall meeting of EROS/DMAS. Tom Butler seconded the motion. All were in favor and the motion passed.

## **3) Future Web Products**

The group discussed ideas for the website, particularly data displays and products.

In follow-up to the discussion on using the NADP website to facilitate opportunities for interns or advertising interns, David suggested that we simply create a form that agencies can fill out. The form is made available on the webpage. The agency completes the form and sends it by email to the Program Office (David and/or Lisa). David and Lisa can review and make the determination on how to proceed. The interested party will be directed to a Point of Contact listed on the web page for the opportunity. When there are no opportunities available, the NADP webpage would say that.

A suggestion was made to update the home page with scrolling images. Bob Larson agreed. He is working on options to improve the home page.

Now that NADP has a few videos, we need to figure out a logical place to post them. YouTube was mentioned as an option. A downside to using YouTube is that we have no control over what the videos get linked to (or associated with). There are several videos produced by the Program Office and 1 video produced by the HAL.

The meeting was adjourned.