

Environmental Effects Subcommittee (EES) Report NADP Spring Meeting, 1999

Minutes of the fall meeting were approved.

OLD BUSINESS

Brochures

Nitrogen Brochure:

Editor's copy is done and will need content review. John Sherwell, Kathy Tonnessen, and Ellen Porter will review and forward comments to Van. Design and layout still needs to be done. Van will have this done either by the ISWS or the University of Illinois in the next 4-6 weeks. The completed product should be available for the Fall Technical Meeting in Sacramento.

Other Brochures:

It was agreed that the next product from the EES would be a brochure on the Mercury Deposition Network (MDN). Clyde Sweet has already developed information on MDN that can be used for a brochure. At the Fall Meeting, the EES will work with Clyde to develop an outline for the brochure.

The EES welcomes suggestions for other brochures, products, etc.

Proposals

At the Fall 98 meeting, Bob Bachman, USDA-Forest Service, expressed concern regarding the lack of information on deposition from cloudwater, fog, etc. At this meeting, Gary Lear reported that EPA is discontinuing support of its current cloudwater study program. Many meeting participants expressed concern about EPA's decision. Although many felt that the program had problems, they also recognized that if the program is cancelled, it would be very difficult to re-start cloudwater studies in the future. The EES volunteered to pass on this information to the Federal Land Managers, including the National Park Service and the USDA-Forest Service. Gary Lear will provide any information needed to those wanting to comment to EPA.

Coordination with other programs/groups

The EES discussed the benefits of coordinating with other organizations and entities involved in atmospheric deposition monitoring and research, including CASTNet, NDAMN, EMAP, and NEP. John Sherwell will establish contact with NDAMN and NEP to determine if anyone associated with those programs could report at the Fall Technical Meeting. Van Bowersox will contact archive sample users to see if they can report results of their studies at the Fall Meeting.

Van noted that the NADP homepage has links to the webpages of many of these organizations.

New Business

Coastal and Urban NADP Sites

The EES discussed the summary that Ellis Cowling presented at the '98 Fall meeting on nitrogen effects. Ellis emphasized the need to increase the understanding of N deposition and its many effects. The EES discussed the relevance of establishing additional NADP sites in coastal and urban areas in order to better understand N deposition and encourages NADP to include such sites.

State networks

John Sherwell reported that Mid-Atlantic data is now on the web:

<http://esm.versar.com/pprp/FEATURES/ACIDDEP/aciddep.htm>

How can Effects be more effective?

The EES discussed how they can be more effective (and how NADP can be more effective). It was concluded that it is important to identify “market drivers”, such as the EPA and USGS and identify where interactions between NADP and these organizations can be useful. Also discussed was the possibility for spin-offs from the current networks (e.g., MDN). The EES identified trace metals as the obvious addition to the analyte list. A need for expansion of the MDN was also recognized. Better spatial coverage of Hg deposition is needed, as well as the ability to differentiate local versus regional impacts.