

**Effects Subcommittee Meeting
NADP Interim Meeting, April 24-25, 2001
Tucson, Arizona**

Announcements

EPA has issued RFP for Mercury (Mercury: Transport, Transformation, and Fate in the Atmosphere) under the STAR Program

EPA-Clean Markets Division has launched C-MAP, (Clean Air Mapping and Analysis Program) to provide maps and emissions data to assess progress in reducing emissions from power plants under the Acid Rain Program and the Ozone Transport Commission Nitrogen Oxides Budget Program (<http://www.epa.gov/airmarkets/cmap/index.html>)

Upcoming meetings of interest

EPA-ORD Mercury meeting in West Palm Beach
Nitrogen 2001, October 14-18 (NADP will have special session)

Mercury Brochure

Final Draft has been reviewed. CAL will update map to reflect recent Hg advisories and newest MDN sites. CAL solicited suggestions on different fish to use in picture. It was suggested that they use fish that's known to accumulate mercury. It may be useful to date map and give references for information in map.

Subcommittee recommends that, in the future, production of a more detailed mercury brochure be investigated (similar to "Nitrogen in the Nation's Rain").

Special Analyte Study

Suggestion was made (Mark Nilles) to investigate possibility of doing special analyte study. We would have to determine what chemical species (organics, metals) could be analyzed using existing sampling methods. Special funding (year end USGS funds, other) to do network-wide analysis of select constituents to give snapshot of spatial distribution.

Request for Samples

Subcommittee reviewed requests for samples. Requests okay, with caveat that requester pays any additional costs incurred.

Other Analytes

Trace elements – if there is demand for long-term monitoring of trace elements, NADP should explore incorporating this into the network.

Total Nitrogen – National Estuary Programs have need of total (inorganic plus organic) nitrogen measurements. John Sherwell will investigate pilot program with Mark Castro (Univ MD), who has been using analyzer to measure total N in surface and ground waters and now in rain.

Urban Monitoring

MD wants to establish AIRMoN wet and MDN site in Ft. Meade, MD (would classify as urban site)

Three VA sites (2 urban sites, one in Shenandoah NP) in the southern Chesapeake Bay Watershed are interested in converting to NTN sites.

National Estuary Program/Chesapeake Bay Program Modeling Support Needed

CBP needs a new regression model for estimating daily deposition rates and has requested funding support.