

Publications:

NADP PROGRAM OFFICE PUBLICATIONS

National Atmospheric Deposition Program. 2006. *El Nitrogeno en la Lluvia Nacional*. NADP Brochure 2000-01d. NADP Program Office, Champaign, IL. 13 pp.

National Atmospheric Deposition Program. 2006. *NADP 2006 - Effects of Deposition in Coastal and Urban Environments*. (prepared by Douglas, K.E., J. Tester, and N. Samson) NADP Proceedings 2006-01, October 24-26, 2006, Norfolk, Virginia. NADP Program Office, Champaign, IL. 136 pp.

National Atmospheric Deposition Program. 2006. *National Atmospheric Deposition Program 2005 Annual Summary*. NADP Data Report 2006-01. NADP Program Office, Champaign, IL. 16 pp.

National Atmospheric Deposition Program. 2006. *Quality Assurance Plan, Central Analytical Laboratory, 2006*. (prepared by Rotherth, J. and K. Harlin) NADP QA Plan 2006-01, NADP Program Office, Champaign, IL. 78 pp.

National Atmospheric Deposition Program. 2006. *Welcome to NADP*. NADP Brochure 2006-01, NADP Program Office, Champaign, IL. 6 pp.

National Atmospheric Deposition Program. 2006. *2007 NADP CALENDAR*. NADP Program Office, Champaign, IL. 32 pp.

SELECTED JOURNAL ARTICLES

Baron, J.S. 2006. Hindcasting Nitrogen Deposition to Determine an Ecological Critical Load. *Ecological Applications*. **16**:433-439.

Burns, D.A., M.R. McHale, C.T. Driscoll, and K.M. Roy. 2006. Response of Surface Water Chemistry to Reduced Levels of Acid Precipitation: Comparison of Trends in Two Regions of New York, U.S.A. *Hydrological Processes*. **20**:1611-1627.

Dasgupta, P.K., J.V. Dyke, A.B. Kirk, and W.A. Jackson. 2006. Perchlorate in the United States. Analysis of Relative Source Contributions to the Food Chain. *Environmental Science & Technology*. **40**:6608-6614.

Davis, J.M. and J.L. Swall. 2006. An Examination of the CMAQ Simulations of the Wet Deposition of Ammonium from a Bayesian Perspective. *Atmospheric Environment*. **40**:4562-4573.

Hammerschmidt, C.R. and W.F. Fitzgerald. 2006. Methylmercury in Freshwater Fish Linked to Atmospheric Mercury Deposition. *Environmental Science & Technology*. **40**:7764-7779.

Krupa, S., V. Bowersox, R. Claybrooke, C.W. Barnes, L. Szabo, K. Harlin, and J. Kurle. 2006. Introduction of Soybean Rust Spores into the Midwestern United States - A Case Study. *Plant Disease*. **90**(9):1254-1259.

Lawrence, G.B., J.W. Sutherland, C.W. Boylen, S.W. Nierzwicki-Bauer, B. Momen, B.P. Baldigo, and H.A. Simonin. 2006. Acid Rain Effects on Aluminum Mobilization Clarified by Inclusion of Strong Organic Acids. *Environmental Science & Technology*. 6 pp.

Mitchell, M.J., K.B. Piatek, S. Christopher, B. Mayer, C. Kendall, and P. McHale. 2006. Solute Sources in Stream Water during Consecutive Fall Storms in a Northern Hardwood Forest Watershed: a Combined Hydrological, Chemical and Isotopic Approach. *Biogeochemistry*. **78**:217-246.

Scott, B.F., C. Spencer, S.A. Mabury, and D.G. Muir. 2006. Poly and Perfluorinated Carboxylates in North American Precipitation. *Environmental Science & Technology*. **40**(23):7167-7174.

Sullivan, T.J., I.J. Fernandez, A.T. Herlihy, C.T. Driscoll, T.C. McDonnell, N.A. Nowicki, K.U. Snyder, and J.W. Sutherland. 2006. Acid-Base Characteristics of Soils in the Adirondack Mountains, New York. *Soil Science Society of America*. **70**:141-152.

Volk, J.A., K.B. Savidge, J.R. Scudlark, A.S. Andres, and W.J. Ullman. 2006. Nitrogen Loads through Baseflow, Stormflow, and Underflow to Rehoboth Bay, Delaware. *Journal of Environmental Quality*. **35**:1742-1755.

Xu, M., G. Zeng, X. Xu, G. Huang, R. Jiang, and W. Sun. 2006. Application of Bayesian Regularized BP Neural Network Model for Trend Analysis, Acidity, and Chemical Composition of Precipitation in North Carolina. *Water, Air, and Soil Pollution*. **172**:167-184.

OTHER PUBLICATIONS

Air Quality Committee. 2006. *United States - Canada Air Quality Agreement, Progress Report 2006*. International Joint Commission, Washington, D.C. pp. 1-6, 65-66.

Axelrad, D.M., T.D. Atkeson, C.D. Pollman, and T. Lange. 2006. "Mercury Monitoring, Research and Environmental Assessment in South Florida." Chapter 2 In *2006 South Florida Environment Report*, South Florida Water Management District, West Palm Beach, FL. pp. 2B-1 - 2B-31.

Garrison, M. A. Yegnan, A. Baines, and J. Sherwell. 2006. "Application of the CALPUFF Modeling System for Mercury Assessments in Maryland." In *Proceedings of the A&WMA 99th Annual Conference* (paper 429), Air and Waste Management Association, Pittsburgh, PA. 22 pp.

Lehmann, C.M.B. 2006. *Atmospheric Deposition to Assess Trends in Atmospheric Species*. Ph.D. thesis. University of Illinois, Urbana-Champaign, IL. 404 pp.

U.S. Environmental Protection Agency. 2006. *Acid Rain Program, 2005 Progress Report* (EPA-430-R-06-015). Office of Air and Radiation, Clean Air Markets Division, U.S. Environmental Protection Agency. 29 pp.