

2013 NADP Reference Listing

Includes 96 publications that used NADP data or resulted from NRSP 3 activities in 2013 (as of May). A publically available online database that lists citations using NADP data is accessible at: <http://nadp.isws.illinois.edu/lib/bibliography.aspx>.

1. Barco, J., Gunawan, S., & Hogue, T. S., 2013. Seasonal controls on stream chemical export across diverse coastal watersheds in the USA. *Hydrological Processes* 27: 1440–1453, DOI: 10.1002/hyp.9294.
2. Bash, J. O., Cooter, E. J., Dennis, R. L., Walker, J. T., & Pleim, J. E., 2013. Evaluation of a regional air-quality model with bidirectional NH₃ exchange coupled to an agroecosystem model. *Biogeosciences* 10(3): 1635–1645.
3. Becker, C. J., 2013. Groundwater quality and the relation between pH values and occurrence of trace elements and radionuclides in water samples collected from private wells in part of the Kickapoo Tribe of Oklahoma Jurisdictional Area, central Oklahoma, 2011. U.S. Geological Survey Scientific Investigations Report 2012–5253, 47 p., 5 apps.
4. Bettez, N. D., & Groffman, P. M., 2013. Nitrogen deposition in and near an urban ecosystem. *Environmental Science & Technology*, dx.doi.org/10.1021/es400664b.
5. Bettez, N. D., Marino, R., Howarth, R. W., & Davidson, E. A., 2013. Roads as nitrogen deposition hot spots. *Biogeochemistry*, DOI: 10.1007/s10533-013-9847-z.
6. Blesh, J., & Drinkwater, L. E., 2013. The impact of nitrogen source and crop rotation on nitrogen mass balances in the Mississippi River basin. *Ecological Applications*, <http://dx.doi.org/10.1890/12-0132.1>.
7. Brahney, J., Ballantyne, A. P., Sievers, C., & Neff, J. C., 2013. Increasing Ca²⁺ deposition in the western US: The role of mineral aerosols. *Aeolian Research*, <http://dx.doi.org/10.1016/j.aeolia.2013.04.003>.
8. Buzzelli, C., Wan, Y., Doering, P. H., & Boyer, J. N., 2013. Seasonal dissolved inorganic nitrogen and phosphorus budgets for two sub-tropical estuaries in south Florida, USA. *Biogeosciences Discussions* 10: 2377–2413.
9. Cao, J., Tie, X., Dabberdt, W. F., Jie, T., Zhao, Z., An, Z., & Shen, Z., 2013. On the potential high acid deposition in northeastern China. *Journal of Geophysical Research: Atmospheres* 118: 1–13, doi:10.1002/jgrd.50381, 2013.
10. Chanat, J. G., Miller, C. V., Bell, J. M., Majedi, B. F., & Brower, D. P., 2013. Summary and interpretation of discrete and continuous water-quality monitoring data, Mattawoman Creek,

Charles County, Maryland, 2000–11: U.S. Geological Survey Scientific Investigations Report 2012–5265, 42 p.

11. Chen, S. M., Qiu, X., Zhang, L., Yang, F., & Blanchard, P., 2013. Method development estimating ambient mercury concentration from monitored mercury wet deposition. *Atmospheric Chemistry and Physics Discussions* 13(5): 12771–12796.
12. Cheng, I., Zhang, L., Blanchard, P., Dalziel, J., & Tordon, R., 2013. Concentration-weighted trajectory approach to identifying sources of speciated atmospheric mercury at an urban coastal site in Nova Scotia, Canada. *Atmospheric Chemistry & Physics Discussions* 13: 4183–4219.
13. Cowles, M. K., 2013. Regression and hierarchical regression models. In *Applied Bayesian Statistics* (pp. 179-205). Springer New York.
14. Curtis, L. R., Morgans, D. L., Thoms, B., & Villeneuve, D., 2013. Extreme precipitation appears a key driver of mercury transport from the watershed to Cottage Grove Reservoir, Oregon. *Environmental Pollution* 176: 178–184.
15. Cusack, D. F., 2013. Soil nitrogen levels are linked to decomposition enzyme activities along an urban-remote tropical forest gradient. *Soil Biology and Biochemistry* 57: 192–203.
16. Dodson, J., 2013. Draft TMDL Report: Springs Coast Basin, Weeki Wachee Spring and Weeki Wachee River (WBIDs 1382B and 1382F), Nutrients, June 2013.
17. Drenner, R. W., Chumchal, M. M., Jones, C., Lehmann, C. M., Gay, D., & Donato, D., 2013. Effects of mercury deposition and coniferous forests on the mercury contamination of fish in the south central United States. *Environmental Science & Technology* 47 (3): 1274–1279, DOI: 10.1021/es303734n.
18. Duarte, N., Pardo, L. H., & Robin-Abbott, M. J., 2013. Susceptibility of forests in the northeastern USA to nitrogen and sulfur deposition: Critical load exceedance and forest health. *Water, Air, & Soil Pollution* 224(2): 1–21.
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20. Environmental Protection Agency, 2013. At a Glance, Environmental and Health Results Report: Clean Air Interstate Rule, Acid Rain Program, and Former NO_x Budget Trading Program, http://www.epa.gov/AIRMARKETS/progress/ARPCAIR11_downloads/ARPCAIR11_environmental_health.pdf.
21. Fenn, M. E., Ross, C. S., Schilling, S. L., Baccus, W. D., Larrabee, M. A., & Lofgren, R. A., 2013. Atmospheric deposition of nitrogen and sulfur and preferential canopy consumption of nitrate in forests of the Pacific Northwest, USA. *Forest Ecology and Management* 302: 240–253.
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29. Giese, M., Brueck, H., Gao, Y. Z., Lin, S., Steffens, M., Kögel-Knabner, I., ... & Han, X. G., 2013. N balance and cycling of Inner Mongolia typical steppe: A comprehensive case study of grazing effects. *Ecological Monographs* 83(2): 195–219.
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33. Hale, R. L., Hoover, J. H., Wollheim, W. M., & Vörösmarty, C. J., 2013. History of nutrient inputs to the Northeastern United States, 1930–2000. *Global Biogeochemical Cycles*, DOI: 10.1002/gbc.20049.
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35. Houlton, B., Boyer, E., Finzi, A., Galloway, J., Leach, A., Liptzin, D., et al., 2013. Intentional versus unintentional nitrogen use in the United States: Trends, efficiency and implications. *Biogeochemistry*, DOI: 10.1002/gbc.20049.

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38. Jones, G. B., 2013. Nutrient Dynamics in Cool-Season Pastures (Doctoral dissertation, Virginia Polytechnic Institute and State University).
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