

2022 NADP Reference Listing

Includes 183 publications that used NADP data, made comparisons to NADP data, or resulted from NRSP-3 activities in 2022. A publically available listing of all citations using NADP data is accessible at: <https://nadp.slh.wisc.edu/pubs/nadp-bibliography/>.

1. Akimoto, H., Sato, K., Sase, H., Dong, Y., Hu, M., Duan, L., Sunwoo, Y., Suzuki, K. and Tang, X., 2022. Development of science and policy related to acid deposition in East Asia over 30 years. *Ambio* 51:1800–1818.
2. Andrew, C., Mueller, G.M. and Avis, P.G., 2022. Do local-scale context dependencies shape how ectomycorrhizal fungal diversity structures with reduced or sustained experimental N addition?. *Pedobiologia* 90: 150791.
3. Austnes, Kari, Dag Øystein Hjermand, James Edward Sample, Richard Frederic Wright, Øyvind Kaste, and Heleen de Wit, 2022. Nitrogen in surface waters: time trends and geographical patterns explained by deposition levels and catchment characteristics. Norwegian Ministry of Climate and Environment, United Nations Economic Commission for Europe. NIVA Report.
4. Bakker, E.A., Vizza, C., Arango, C.P. and Roley, S.S., 2022. Nitrogen fixation rates in forested mountain streams: Are sediment microbes more important than previously thought?. *Freshwater Biology* 67(8): 1395-1410.
5. Basant, S., Wilcox, B.P., Wyatt, B. and Newman, B.D., 2022. Thicketized oak woodlands reduce groundwater recharge. *Science of The Total Environment* 862: 160811.
6. Benedict, R.T., Alman, B., Klotzbach, J.M., Citra, M., Diamond, G.L., Herber, D., Ingerman, L., Nieman, S., Tariq, S., Zaccaria, K. and Scinicariello, F., 2022. Toxicological profile for mercury: draft for public comment: April 2022. Report for U.S. Department of Health and Human Services.
7. Benish, S. E., Bash, J. O., Foley, K. M., Appel, K. W., Hogrefe, C., Gilliam, R., & Pouliot, G., 2022. Long-term Regional Trends of Nitrogen and Sulfur Deposition in the United States from 2002 to 2017. *Atmospheric Chemistry and Physics* 22: 12749–12767.
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10. Bostic, J.T., Nelson, D.M., Sabo, R.D. and Eshleman, K.N., 2022. Terrestrial nitrogen inputs affect the export of unprocessed atmospheric nitrate to surface waters: insights from triple oxygen isotopes of nitrate. *Ecosystems* 25(6): 1384-1399.
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12. Burpee, B. T., , Saros, J. E., Nanus, L., Baron, J., Brahney, J., Christianson, K. R., ... & Williams, J., 2022. Identifying factors that affect mountain lake sensitivity to atmospheric nitrogen deposition across multiple scales. *Water Research* 209: 117883.
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14. Carrara, J. E., Fernandez, I. J., & Brzostek, E. R., 2022. Mycorrhizal type determines root-microbial responses to nitrogen fertilization and recovery. *Biogeochemistry* 157(2): 245-258.
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16. Chang, B., Wherley, B., Aitkenhead-Peterson, J., McInnes, K. and Dwyer, P., 2022. Short-term impacts of urban landscape conversion on surface runoff quality. *Urban Ecosystems* 25:1561–1576.
17. Chang, C.T., Wang, L., Wang, L.J., Liu, C.P., Yang, C.J., Huang, J.C., Wang, C.P., Lin, N.H. and Lin, T.C., 2022. On the seasonality of long-range transport of acidic pollutants in East Asia. *Environmental Research Letters* 17(9): 094029.
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19. Chang, C. T., Yang, C. J., Huang, K. H., Huang, J. C., & Lin, T. C., 2022. Changes of precipitation acidity related to sulfur and nitrogen deposition in forests across three continents in north hemisphere over last two decades. *Science of the Total Environment* 806: 150552.

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