

Understanding Algal Blooms: State of the Science 2020 Conference

Citations & Speaker Contact Information

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Jarvie, H. P., Johnson, L. T., Sharpley, A. N., Smith, D. R., Baker, D. B., Bruulsema, T. W., & Confesor, R. (2017). Increased Soluble Phosphorus Loads to Lake Erie: Unintended Consequences of Conservation Practices? *Journal of Environmental Quality*, 46(1), 123-132. doi:10.2134/jeq2016.07.0248

Jarvie, H. P., Sharpley, A. N., Flaten, D., Kleinman, P. J. A., Jenkins, A., & Simmons, T. (2015). The Pivotal Role of Phosphorus in a Resilient Water-Energy-Food Security Nexus. *Journal of Environmental Quality*, 44(4), 1049-1062. doi:10.2134/jeq2015.01.0030

Jarvie, H. P., Sharpley, A. N., Kresse, T., Hays, P. D., Williams, R. J., King, S. M., & Berry, L. G. (2018). Coupling High-Frequency Stream Metabolism and Nutrient Monitoring to Explore Biogeochemical Controls on Downstream Nitrate Delivery. *Environmental Science & Technology*, 52(23), 13708-13717. doi:10.1021/acs.est.8b03074

Jarvie, H. P., Sharpley, A. N., Scott, J. T., Haggard, B. E., Bowes, M. J., & Massey, L. B. (2012). Within-River Phosphorus Retention: Accounting for a Missing Piece in the Watershed Phosphorus Puzzle. *Environmental Science & Technology*, 46(24), 13284-13292. doi:10.1021/es303562y

Jarvie, H. P., Sharpley, A. N., Spears, B., Buda, A. R., May, L., & Kleinman, P. J. A. (2013). Water Quality Remediation Faces Unprecedented Challenges from "Legacy Phosphorus". *Environmental Science & Technology*, 47(16), 8997-8998. doi:10.1021/es403160a

Jarvie, H. P., Smith, D. R., Norton, L. R., Edwards, F. K., Bowes, M. J., King, S. M., Scarlett, P., Davies, S., Dils, R. M., & Bachiller-Jareno, N. (2018). Phosphorus and nitrogen limitation and impairment of headwater streams relative to rivers in Great Britain: A national perspective on eutrophication. *Science of the Total Environment*, 621, 849-862. doi:10.1016/j.scitotenv.2017.11.128

Powers, S. M., Bruulsema, T. W., Burt, T. P., Chan, N. I., Elser, J. J., Haygarth, P. M., Howden, N. J. K., Jarvie, H. P., Lyu, Y., Peterson, H. M., Sharpley, A. N., Shen, J., Worrall, F., & Zhang, F. S. (2016). Long-term accumulation and transport of anthropogenic phosphorus in three river basins. *Nature Geoscience*, 9(5), 353-356. doi:10.1038/ngeo2693

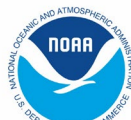
Sharpley, A., Jarvie, H. P., Buda, A., May, L., Spears, B., & Kleinman, P. (2013). Phosphorus Legacy: Overcoming the Effects of Past Management Practices to Mitigate Future Water Quality Impairment. *Journal of Environmental Quality*, 42(5), 1308-1326. doi:10.2134/jeq2013.03.0098

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(no citations shared)

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Steve W. Culman, Meredith Mann, Stuti Sharma, Muhammad Tariq Saeed, Anthony M. Fulford, Laura E. Lindsey, Aaron Brooker, Elizabeth Dayton, Randall Warden & Brad Joern (2020) Calibration of Mehlich-3 with Bray P1 and Ammonium Acetate in the Tri-State Region of Ohio, Indiana and Michigan. *Communications in Soil Science and Plant Analysis*, 51:1, 86-97, DOI: 10.1080/00103624.2019.1695825



How Does Phosphorus Restriction Impact Soil Health Parameters in Midwestern Corn–Soybean Systems? Jordon Wade, Steve W. Culman, Stuti Sharma, Meredith Mann, M. Scott Demyan, Kristin L. Mercer, Nicholas T. Basta. First published: 01 July 2019. <https://doi.org/10.2134/agronj2018.11.0739>

Over-Fertilization Does Not Build Soil Test Phosphorus and Potassium in Ohio. Anthony M. Fulford, Steve W. Culman. First published: 01 January 2018. <https://doi.org/10.2134/agronj2016.12.0701>

Soil test phosphorus and phosphorus balance trends: A county-level analysis in Ohio. Elizabeth A. Dayton, Raj K. Shrestha, Anthony M. Fulford, Kim R. Love, Steve W. Culman, Laura E. Lindsey. First published: 20 March 2020. <https://doi.org/10.1002/agj2.20146>

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T. N. Williamson, E. G. Dobrowolski, A. C. Gellis et al. Monthly suspended-sediment apportionment for a western Lake Erie agricultural tributary. *Journal of Great Lakes Research*, <https://doi.org/10.1016/j.jglr.2020.06.011>

Casillas-Ituarte, N.N., A.H. Sawyer, K.M. Danner, K.W. King, and A.J. Covault. 2020. Internal phosphorus storage in two headwater agricultural streams in the Lake Erie basin. *Environmental Science and Technology*. 54, 1, 176-183.

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