David Smith, Economist in EPA's National Center for Environmental Economics

Research Interests: Environmental and natural resource economics; agriculture; water quality.

Biography: David Smith is an economist at the National Center for Environmental Economics at the U.S. Environmental Protection Agency in Washington, DC. David joined the office in 2019, and previously worked as a research economist at the Economic Research Service at the U.S. Department of Agriculture (2015-2019). David's research is currently focused on the role of agriculture in water quality, the effectiveness of voluntary conservation programs, and the environmental impacts of biofuels. David received his PhD (2015) in applied economics from the University of Minnesota.

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Peer-Reviewed Publications:

"Pesticides and Pollinators: A Socioecological Synthesis," (with Douglas B Sponsler, Christina M Grozinger, Claudia Hitaj, Maj Rundlöf, Cristina Botías, Aimee Code, Eric V Lonsdorf, Andony P Melathopoulos, Sainath Suryanarayanan, Wayne E Thogmartin, Neal M Williams, Minghua Zhang, Margaret R Douglas) *Science of the Total Environment*, 662, pp. 1012-1027, 2019

"Additionality in US Agricultural Conservation Programs," (with Roger Claassen, Eric N Duquette) *Land Economics*, 94(1), pp. 19-35, 2018

"Has Resistance Taken Root in US Corn Fields? Demand for Insect Control," (with Seth Wechsler) *American Journal of Agricultural Economics*, *100*(4), pp.1136-1150. 2018

"Willingness to Produce Perennial Bioenergy Crops: A Contingent Supply Approach," (with Dean Current, Candi Schulman, K. William Easter) *Biomass and Bioenergy*, *117*, pp.161-172. 2018

"Assessment of Stream Restoration for Reduction of Sediment in a Large Agricultural Watershed," (with Christian F. Lenhart, Ann Lewandowski, Patrick Belmont, Larry Gunderson, John L. Nieber) *Journal of Water Resources Planning and Management*, *144*(7), 2018

"Evaluating Management Options for Aquatic Invasive Species: Concepts and Methods," (with Frances R Homans) *Biological Invasions*, *15*(1), pp.7-16, 2013

"Assessing the Cost of an Invasive Forest Pathogen: A Case Study With Oak Wilt," (with Robert G Haight, Frances R Homans, Tetsuya Horie, Shefali V Mehta, Robert C Venette) *Environmental Management*, *47*(3), pp.506-517, 2011