

Heather Klemick, Economist in EPA's [National Center for Environmental Economics](#)

Research Interests: Toxic chemicals, land use, energy efficiency, ecosystem services, hedonic property analysis

Biography: Heather Klemick has worked as an economist with the National Center for Environmental Economics at the U.S. Environmental Protection Agency since 2007. Her recent research focuses on lead exposure, biofuels, and energy efficiency. She leads a team of economists working on research and regulations related to toxics chemicals. During 2009-2010, she served as Deputy Associate Director for Climate Change at the White House Council on Environmental Quality. She also served as a US delegate to the 12th Session of IPCC Working Group III (Mitigation) in 2014. Heather has a PhD (2007) in agricultural and resource economics from the University of Maryland and a BA (1999) from Brown University.

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Recent [NCEE Working Papers](#)

[“Consumer Valuation of Fuel Economy: Findings from Recent Panel Studies”](#) (with Heather Klemick and Elizabeth Kopits). NCEE Working Paper #2019-02.

[“Superfund Cleanups and Children's Lead Exposure”](#) (with Henry Mason; Karen Sullivan). NCEE Working Paper #2019-01.

Peer-Reviewed Publications:

[“Early childhood lead exposure and the persistence of educational consequences into adolescence.”](#) Ron Shadbgian, Dennis Guignet, Heather Klemick, Linda Bui. *Environmental Research* 178, 2019.

[“Adaptation, Sea Level Rise, and Property Prices in the Chesapeake Bay Watershed.”](#) Patrick Walsh, Charles Griffiths, Dennis Guignet, and Heather Klemick. *Land Economics*, 95(1): 19-34, 2019.

[“How Do Data Centers Make Energy Efficiency Investment Decisions: Qualitative Evidence from Focus Groups and Interviews”](#) (with Heather Klemick and Elizabeth Kopits). *Energy Efficiency* 2019, 12(5), pp. 1359-1377, 2019.

[“Improving Water Clarity in an Iconic Estuary: An Internal Meta-analysis of Property Value Impacts around the Chesapeake Bay.”](#) Heather Klemick, Charles Griffiths, Dennis Guignet and Patrick Walsh in *Environmental and Resource Economics*, 69, 265-292, 2018.

[“The Implicit Price of Aquatic Grasses.”](#) Dennis Guignet, Charles Griffiths, Heather Klemick and Patrick Walsh in *Marine Resource Economics*, 32(1), 2017.

[“Modeling the Property Price Impact of Water Quality in 14 Chesapeake Bay Counties.”](#) Patrick Walsh, Charles Griffiths, Dennis Guignet, and Heather Klemick in *Ecological Economics* 135: 103-113, 2017.

[“Potential Barriers to Improving Energy Efficiency in Commercial Buildings: The Case of Supermarket Refrigeration”](#) (with Heather Klemick and Elizabeth Kopits). *Journal of Benefit-Cost Analysis*. 2017, 8(1), pp. 115-145, 2017.

[“Heavy-Duty Trucking and the Energy Efficiency Paradox: Evidence from Focus Groups and Interviews,”](#) (with Elizabeth Kopits, Ann Wolverton, and Keith Sargent). *Transportation Research Part A: Policy and Practice* 77, pp. 154-166, 2015.

[“Impacts of Ethanol Policy on Corn Prices: A Review and Meta-analysis of Recent Evidence,”](#) (with Nicole Condon, and Ann Wolverton). *Food Policy*, 51, pp. 63-73, 2015.

[“U.S. Environmental Protection Agency Valuation of Surface Water Quality Improvements,”](#) (with Charles Griffiths, Matt Massey, Chris Moore, Steve Newbold, David Simpson, Patrick Walsh, and William Wheeler). *Review of Environmental Economics and Policy*. 6(1), pp. 130-146, 2012.

[“U.S. Emergency Response and Removal: Superfund's Overlooked Cleanup Program”](#) (with Robin Jenkins, Elizabeth Kopits, and Alex Marten). *Review of Environmental Economics and Policy*. 6(2), pp. 278-297, 2012.

[“Constraints or Cooperation? Determinants of Secondary Forest Cover Under Shifting Cultivation.”](#) *Agricultural and Resource Economics Review*. 40(3), pp. 471–487, 2011.

[“Shifting Cultivation, Forest Fallow, and Externalities in Ecosystem Services: Evidence from the Eastern Amazon.”](#) *Journal of Environmental Economics and Management*. 61(1), pp. 95-106, 2011.

[“Defining Access to Health Care: Evidence on the Importance of Quality and Distance in Rural Tanzania”](#) (with Kenneth Leonard and Melkiory Massatu). *American Journal of Agricultural Economics* 91(2), pp. 347-358, 2009.

[“Pesticide Use and Fish Harvests in Vietnamese Rice Agroecosystems,”](#) (with Erik Lichtenberg). *American Journal of Agricultural Economics*, 90(1), pp. 1-14, 2008.

Select EPA Publications:

[Handbook on Benefits, Costs, and Impacts of Land Cleanup and Reuse](#), (contributing authors include Robin Jenkins, Elizabeth Kopits, Alex Marten, David Simpson and others), EPA 240-R-11-001, October 2011.