

**D. Matthew Massey, Economist in EPA's [National Center for Environmental Economics](#)**

**Research Interests:** Recreation demand modeling; bioeconomic modeling; ecosystem service valuation; benefits transfer

**Biography:** Matt Massey has been an economist at the National Center for Environmental Economics at the U.S. EPA since 2001. He provides economic analysis and expertise to support the development and review of water regulations and presently serves as the lead for the team of economists in the Center contributing to the Agency's water quality regulations. Recently his research focuses on analyzing the expected economic benefits from water quality improvements in the Chesapeake Bay watershed, and improved methods for estimating recreation and commercial benefits to water quality improvements. Prior to joining the Agency, he served as an Adjunct Professor in the economics department at West Chester University (2000-2001). He completed his PhD in economics at the University of Delaware in 2001.

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**Recent [NCEE Working Papers](#):**

["State Dependence and Long Term Site Capital in a Random Utility Model of Recreation,"](#) (with George Parsons), NCEE Working Paper, 2007-11.

["Diving Demand for Large Ship Artificial Reefs,"](#) (with Ash Morgan and William Huth), NCEE Working Paper, 2007-09.

["The Effects of Water Quality on Coastal Recreation Flounder Fishing,"](#) (with Steve Newbold, Brad Genter), NCEE Working Paper, 2005-03.

**Peer-Reviewed Publications:**

["Benefit Transfer Challenges: Perspectives from U.S. Practitioners."](#) (with Stephen Newbold R. David Simpson, Matthew T. Heberling, William Wheeler, Joel Corona and Julie Hewitt) in *Environmental and Resource Economics*, 69(3): 467-481, 2018

["Using structural restrictions to achieve theoretical consistency in benefit transfers."](#) (with Stephen C. Newbold, Patrick J. Walsh and Julie Hewitt) in *Environmental and Resource Economics*, 69(3): 529-553.

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

["Recreation Demand Estimation and Valuation in Spatially Connected Systems,"](#) (with Steve Newbold), *Resource and Energy Economics*, 32(2), pp. 222-240, 2010.

["Diving Demand for Large Ship Artificial Reefs,"](#) (with Ash Morgan and William Huth), *Marine Resource Economic* , 24(1), pp. 43-59, 2009

["Valuing Water Quality Changes Using a Bioeconomic Model of a Coastal Recreational Fishery."](#) (with Stephen Newbold and Brad Genter. 2006. *Journal of Environmental Economics and Management*, 52(1), pp. 482-500, July 2006.

["Serial Nonparticipation in Repeated Discrete Choice Models."](#) (with Roger Von Haefen and Wiktor Adamowicz, *American Journal of Agricultural Economics*, 87(4), pp.1060-1075, November 2005.

"A Random Utility Model of Beach Recreation," (with George Parsons), [The New Economics of Outdoor Recreation](#), (N. Hanley, D. Shaw, and R. Wright, editors), Edward Elgar, 2002.

["Familiar and Favorite Sites in a Random Utility Model of Beach Recreation"](#) (with George Parsons and Theodore Tomasi), *Marine Resource Economics*, 14(4), pp. 299-315, 1999.