

Richard McKinney, Research Ecologist, in EPA's National Health and Environmental Effects Research Laboratory

Atlantic Ecology Division
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Area of Expertise: Evaluating the effects of alteration of critical habitats on patterns of habitat utilization by aquatic dependent wildlife species in coastal and inland wetlands. My current research includes developing methods to assess the wildlife habitat value of coastal wetlands, and developing wetland monitoring and assessment protocols in collaboration with EPA Regional and HQ scientists, academic researchers, and state and tribal wetlands managers.

Select Publications ([Several links exit this site](#)):

McKinney, R. A., K. B. Raposa, and C. L. Trocki. 2015. [Status and distribution of wintering waterfowl from 2005-2014 in Narragansett Bay, Rhode Island](#). *Northeastern Naturalist* **22**:730-745.

McKinney, R. A., J. Kiddon, and M. E. Nightengale. 2015. [WoonyBird Restoration Plant Selector Manual](#). Technical Report EPA/600/R-14/444, Office of Research and Development, National Health and Environmental Effects Research Laboratory, Atlantic Ecology Division, Narragansett, Rhode Island USA.

McKinney, R. A. and M. E. Nightengale. 2014. [A framework for enhancing bird habitat value of urban greenspaces in the Woonasquatucket watershed, Rhode Island, USA](#). US EPA Technical Report EPA/600/R-13/163, Office of Research and Development, National Health and Environmental Effects Research Laboratory, Atlantic Ecology Division, Narragansett, Rhode Island USA.

McKinney, R. A. and K. B. Raposa. 2013. [Factors influencing expanded use of urban marine habitats by foraging wading birds](#). *Urban Ecosystems* **16**:411-426.

McKinney, R. A., A. J. Oczkowski, J. Prezioso, and K. J. W. Hyde. 2010. [Spatial variability of nitrogen isotope ratios of particulate material from Northwest Atlantic continental shelf waters](#). *Estuarine, Coastal, and Shelf Science* **89**:287–293.

McKinney, R. A., Raposa, K. B., and Kutcher, T. E. 2010. [Use of urban habitats by foraging wading birds](#). *Urban Ecosystems* **13**:191–208.

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Education:

- Ph.D., University of Rhode Island, Kingston, RI; Environmental Science, 2005
- M.S., University of Rhode Island, Kingston, RI; Chemistry, 1997

- B.S., University of Rhode Island, Kingston, RI; Biology and Chemistry, 1979

Professional Experience:

- Research Ecologist, U.S. Environmental Protection Agency, National Health and Environmental Effects Research Laboratory, Atlantic Ecology Division, 2004-present
- Editorial Board, The Open Journal of Ornithology, 2011-present
- Adjunct Associate Professor, University of Rhode Island, Department of Natural Resources Science, 2006-present
- Narragansett Bay National Estuarine Research Reserve Stewardship/Land Management Committee; 2005-present
- Senior Science Advisor, The Nature Conservancy, 1998-2007
- Environmental Scientist, U.S. Environmental Protection Agency, National Health and Environmental Effects Research Laboratory, Atlantic Ecology Division, 1995-2004
- Environmental Scientist/Interim Work Assignment Manager, Science Applications International Corporation, 1988-1995