

Brooke Maslo, Ph.D.
Assistant Professor
Department of Ecology, Evolution, and Natural Resources
Rutgers, The State University of New Jersey
14 College Farm Road, New Brunswick, NJ 08901
848.932.5572, brooke.maslo@rutgers.edu

EDUCATION

2010 Doctor of Philosophy, Graduate Program in Ecology & Evolution
Rutgers, The State University of New Jersey

Dissertation: *Evidence-Based Recommendations for Atlantic Coast Piping Plover (*Charadrius melodus*) Conservation and Habitat Restoration*. Advisor: Steven N. Handel

2001 B.S. in Engineering, Biological Resources Engineering, University of Maryland

PROFESSIONAL HISTORY

2015-present	Assistant Professor, Department of Ecology, Evolution and Natural Resources, Rutgers, The State University of New Jersey
2012 –2015	Assistant Research Professor, Department of Ecology, Evolution and Natural Resources, Rutgers, The State University of New Jersey
2012 – present	Extension Specialist in Wildlife Ecology, Rutgers Cooperative Extension, New Jersey Agricultural Experiment Station
2011 – 2012	Managing Editor, <i>Ecological Restoration</i> University of Wisconsin Press
2010 – 2012	Research Specialist, Center for Urban Restoration Ecology, Rutgers, The State University of New Jersey
2010 – 2012	Senior Ecologist, Green Shield Ecology, Inc. Bridgewater, NJ
2010 – 2012	Adjutant Faculty, Department of Ecology, Evolution and Natural Resources, Rutgers, The State University of New Jersey
2007 – 2009	Seasonal Field Technician Endangered and Nongame Species Program

NJ Division of Fish and Wildlife

- 2004 – 2009 Graduate Assistant/Teaching Assistant
Graduate Program in Ecology & Evolution
Rutgers, The State University of New Jersey
- 2001 – 2004 Engineer, GZA GeoEnvironmental, Inc., Wayne, NJ
- 2000 Environmental Scientist, F.X. Browne, Inc., Lansdale, PA

PEER REVIEWED JOURNAL ARTICLES

- submitted* Maslo, B., R. Valentin, K. Leu, K. Kerwin, A. Bevan, G. Hamilton, N.H. Fefferman, and D.M. Fonseca. ChiroSurveillance: The use of native bats to detect invasive agricultural insect pests.
- 2016 Schlacher, T.A., L. Carracher, N. Porch, R. Connolly, A. Olds, B. Gilby, K. Ekanayake, **B. Maslo**, and M. Weston. The early shorebird will catch fewer invertebrates on trampled sandy beaches. *PLoS One* 11(8): e0161905.
- 2016 Maslo, B., T. Schlacher, M.A. Weston, C.M. Huijbers, C. Anderson, B.L. Gilby, A.L. Olds, R.M. Connolly, and D.S. Schoeman. Regional drivers of clutch loss reveal important trade-offs for beach-nesting birds. *PeerJ* 4: e2460.
- 2016 Maslo, B. K. Leu, C. Faillace, M.A. Weston, T. Pover, and T.A. Schlacher. Selecting umbrella species for conservation: A test of habitat models and niche overlap for beach-nesting birds. *Biological Conservation* 203: 233-242.
- 2016 Cohen, J., A. Hecht, K.F. Robinson, E.E. Osnas, A.J. Tyre, C. Davis, A. Koccek, **B. Maslo**, and S.M. Melvin. To exclose nests or not: Structured decision making for the conservation of a threatened species. *Ecosphere* 7(10): e01499.
- 2016 Valentin, R., **B. Maslo**, J.L. Lockwood, J. Pote, and D.M. Fonseca. Real-time PCR assay to detect brown marmorated stink bug, *Halyomorpha halys*, in environmental DNA (eDNA). *Pest Management Science* 72: 1854-1861.
- 2016 Schlacher, T.A., S. Lucrezi, C. Peterson, R. Connolly, A. Olds, F. Althaus, G. Hyndes, **B. Maslo**, B.L. Gilby, J. Leon, M. Weston, M. Lastra, A. Williams, and D. Schoeman. Estimating animal populations and body sizes from burrows: marine ecologists have their heads buried in the sand. *Journal of Sea Research* 112: 55-64.
- 2016 Schlacher, T., S. Lucrezi, R.M. Connolly, C.H. Peterson, B.L. Gilby, **B. Maslo**, S.J. Walker, J.X. Leon, *et al.* Human threats to sandy beaches: A meta-analysis of

ghost crabs illustrates global anthropogenic impacts. *Estuarine, Coastal and Shelf Science* 169: 56-73.

- 2016 Burkhalter, J.C., J.L. Lockwood, **B. Maslo**, K.H. Fenn, and K. Leu. Effects of cost metric on cost-effectiveness of protected area network design in urban landscapes. *Conservation Biology* 30(2): 403-412.
- 2015 Maslo, B., M. Valent, J.F. Gumbs, and W.F. Frick. Conservation Implications of Ameliorating Survival of Little Brown Bats with White-Nose Syndrome. *Ecological Applications* 25: 1832-1840.
- 2015 Maslo, B. and N.H. Fefferman. A case study of bats and white-nose syndrome demonstrating how to model population viability with evolutionary effects. *Conservation Biology* 29: 1176-1185.
- 2015 Maslo, B., J.L. Lockwood, and K. Leu. Land ownership patterns associated with declining northeastern forest birds. *Environmental Conservation* 42: 216-226.
- 2014 Schlacher, T.A., D.S. Schoeman, A.R. Jones, J.E. Dugan, D.M. Hubbard, O. Defeo, C.H. Peterson, M.A. Weston, **B. Maslo**, A.D. Olds, F. Scapini, R. Nel, L.R. Harris, S. Lucrezi, M. Lastra, C. Huijbers, and R.M. Connolly. Metrics to assess ecological condition, change, and impacts in sandy beach ecosystems. *Journal of Environmental Management* 144: 322-335.
- 2012 Maslo, B., J. Burger, and S.N. Handel. Modeling foraging behavior of piping plovers to evaluate habitat restoration success. *Journal of Wildlife Management* 76: 181-188.
- 2011 Maslo, B., S.N. Handel, and T. Pover. Restoring beaches for Atlantic Coast piping plovers (*Charadrius melodus*): a classification and regression tree analysis of nest-site selection. *Restoration Ecology* 19(201): 194-203.
- 2009 Maslo, B. and J.L. Lockwood. Evidence-based decisions on the use of predator exclosures in shorebird conservation. *Biological Conservation* 142: 3213-3218.

BOOKS

- 2014 Maslo, B. and J.L. Lockwood (eds). *Coastal Conservation*. Cambridge UK: Cambridge University Press.

BOOK CHAPTERS

- 2014 Maslo, B. Cascading effects of global oyster reef loss on the health of estuaries. In **Maslo, B.** and J.L. Lockwood (eds), *Coastal Conservation*. Cambridge UK: Cambridge University Press.
- 2014 Lockwood, J.L. and **B. Maslo**. The challenge of biodiversity conservation in coastal ecosystems. In **Maslo, B.** and J.L. Lockwood (eds), *Coastal Conservation*. Cambridge UK: Cambridge University Press.
- 2014 Niles, L.J., A.D. Dey, and **B. Maslo**. Overexploitation of marine species and its consequences for terrestrial biodiversity along coasts. In **Maslo, B.** and J.L. Lockwood (eds), *Coastal Conservation*. Cambridge UK: Cambridge University Press.
- 2014 Lockwood, J.L. and **B. Maslo**. A research agenda for coastal biodiversity conservation. In **Maslo, B.** and J.L. Lockwood (eds), *Coastal Conservation*. Cambridge UK: Cambridge University Press.

EXTENSION PUBLICATIONS

- 2016 B. Maslo, J. Bergstrom, T. Pontius-Cortney, and B.K. Schumm. Woodbridge Township Open Space and Flood Plain Restoration Plan. New Brunswick, NJ: Rutgers NJAES Cooperative Extension.
- 2016 B. Maslo. Deer in the NJ landscape and garden. New Jersey Agricultural Experiment Station. esnews.rutgers.edu/2016/04/deer-in-the-new-jersey-landscape-and-garden/.
- 2016 B. Maslo and T. Pover. Identification of potential beach-nesting bird habitat to be set aside in municipal beach management plans. New Brunswick, NJ: Rutgers NJAES Cooperative Extension.
- 2014 B. Maslo. Wildlife management. In Rector, P., C.C. Obropta, and J.R. Brown. *Rutgers River Friendly Business Program Morris County Program Guidance*, E346b. New Brunswick, NJ: Rutgers NJAES Cooperative Extension.
- 2013 Maslo, B. and K. Leu. The facts about bats in New Jersey. Cooperative Extension Fact Sheet FS1207. Rutgers, The State University of New Jersey, New Brunswick, NJ.
- 2013 Maslo, B. and C. Lewis. Canada goose ecology and impacts in New Jersey. Cooperative Extension Fact Sheet FS1214. Rutgers, The State University of New Jersey, New Brunswick, NJ.

- 2013 Maslo, B. and C. Lewis. Strategies for resident Canada goose control and management in New Jersey. Cooperative Extension Fact Sheet FS1217. Rutgers, The State University of New Jersey, New Brunswick, NJ.
- 2013 Maslo, B. and S. Wehman. Living with black bears in New Jersey. Cooperative Extension Fact Sheet E345. Rutgers, The State University of New Jersey, New Brunswick, NJ.
- 2013 Maslo, B. and S. Wehman. An overview of white-tailed deer status and management in New Jersey. Cooperative Extension Fact Sheet FS1202. Rutgers, The State University of New Jersey, New Brunswick, NJ.

PUBLICATIONS (NON-PEER REVIEWED)

- 2014 Hecht, A., K.F. Robinson, E.E. Osnas, J. Cohen, A.J. Tyre, D., Brinker, C. Davis, M. Hake, L. Johnson, E. King, A. Kocek, **B. Maslo**, S. Melvin, T. Pover, L.M. Zitske, D.C. Brewer, and F. Johnson. Balancing demographic benefits and risks using predator exclosures on U.S. Atlantic Coast piping plover nests. United States Fish and Wildlife Service.
- 2012 Expert Panel Member for *Assessment of the Vulnerability of New Jersey's Habitat and Wildlife to Climate Change*. A project led by the Rutgers Edward J. Bloustein School of Planning and Public Policy for the New Jersey Department of Environmental Protection.
- 2012 Maslo, B. The perennial meadow as an alternative to turf lawns. Landscape Stewardship Series, Center for Urban Restoration Ecology, Rutgers University. www.dukefarms.org/en/Resources/Landscapes/Perennial-Meadow1/.
- 2012 Maslo, B. Critical plant invasives and their removal. Landscape Stewardship Series, Center for Urban Restoration Ecology, Rutgers University. www.dukefarms.org/en/Resources/Landscapes/Plant-Invasives/.
- 2011 Handel, S.N., **B. Maslo**, and A. Diehl. Carthay Elementary School: site analysis. Proposition 84: Urban Greening Planning Grant. Los Angeles Unified School District, Los Angeles, CA.
- 2011 Handel, S.N., **B. Maslo**, and A. Diehl. Berendo Middle School: site analysis. Proposition 84: Urban Greening Planning Grant. Los Angeles Unified School District, Los Angeles, CA.

- 2011 Handel, S.N., **B. Maslo**, and A. Diehl. Manual Arts High School: site analysis. Proposition 84: Urban Greening Planning Grant. Los Angeles Unified School District, Los Angeles, CA.
- 2010 Maslo, B. Eagle Rock Reservation forest regeneration program: 2011 ecological health report. Essex County Parks, County of Essex, NJ.
- 2010 Maslo, B. Eagle Rock Reservation forest regeneration program: wetland delineation report. Essex County Parks, County of Essex, NJ.
- 2010 Maslo, B. Eagle Rock Reservation forest regeneration program: deer enclosure management plan. Essex County Parks, County of Essex, NJ.

ACADEMIC PRESENTATIONS

- 2016 Preliminary Results from the First Year of Research Aimed at Identifying the Potential Impacts of Intertidal Oyster Aquaculture of Foraging Red Knots. The Wildlife Society – NJ Chapter Spring Meeting, Upper Freehold, NJ.
- 2016 Evaluating Changes to Beach-nesting Bird Habitat as a Result of Superstorm Sandy. 72nd Annual Conference of the Northeast Association of Fish and Wildlife Agencies, Annapolis, MD.
- 2016 Identifying Newly Created Habitat after Superstorm Sandy. United States Fish and Wildlife Service 2016 Piping Plover and Least Tern Workshop, Shepherdstown, WV.
- 2015 Restoration Opportunities to Increase Habitat Availability for Beach-nesting Birds. NJ Piping Plover Coordinators Meeting, Tuckahoe, NJ.
- 2015 *Chiro*Surveillance: The Use of Native Bats to Detect Invasive Agricultural Pests, 45th Annual North American Society of Bat Researchers, Monterey, CA.
- 2015 *Chiro*Surveillance: The Use of Native Bats to Detect Brown Marmorated Stink Bugs. Brown Marmorated Stink Bug Working Group Meeting, College Park, MD.
- 2014 The Evolutionary Rescue Potential for Bats Infected with White-Nose Syndrome. 44th Annual North American Society for Bat Research Symposium, Albany, NY.
- 2014 Short-term Management of Bat Populations Infected with White-nose Syndrome. 2014 White-nose Syndrome Workshop, St. Louis, MO.
- 2014 Management Implications for the Potential Evolutionary Impacts of White-nose Syndrome in Infected Bat Populations. The Wildlife Society Annual Meeting, Pittsburgh, PA.

- 2014 Rapid Response Protocol for Protecting Newly Created Beach Habitat after Severe Coastal Storms. The Wildlife Society – NJ Chapter Fall Meeting, Jackson, NJ.
- 2014 Implications of Post White-nose Syndrome Survival on Population Viability of Little Brown Bats. Ecological Society of America 99th Annual Meeting, Sacramento, CA.
- 2014 Land Ownership Patterns Associated with Declining Forest Species in New Jersey. Joint meeting of The Wildlife Society – NJ Chapter and the Society of American Foresters, Oak Ridge, NJ.
- 2014 Survival of Little Brown Bats (*Myotis lucifugus*) in the Wake of White-Nose Syndrome. Northeast Bat Working Group – Annual Meeting. Clinton, NJ.
- 2012 Enhancing the Design of Public Parks through Ecological Restoration. Presented to the Calgary Land Municipal Trust. Calgary, AB, Canada.
- 2011 Practical Methods for Evidence-Based Wildlife Habitat Restoration Design, Society for Ecological Restoration International World Conference on Ecological Restoration. Merida, Mexico.
- 2010 Modeling Foraging Behavior to Evaluate Restoration Success for the Federally Threatened Atlantic Coast Piping Plover. Restore America’s Estuaries National Conference. Galveston, Texas.
- 2010 Ecological Benefits of Restoration of Inland Urban Wetlands. Presented to the City of Villahermosa Engineering Board. Villahermosa, Tabasco, Mexico.
- 2010 Restoring Beaches for Atlantic Coast Piping Plovers (*Charadrius melodus*): a CART Analysis of Nest-Site Selection. Society of Ecological Restoration Mid-Atlantic Chapter Annual Meeting. New Brunswick, New Jersey.
- 2009 Evidence-based decisions on the use of predator exclosures in shorebird conservation. The Waterbird Society Annual Meeting. Cape May, NJ.

INVITED TALKS

- 2016 Understanding how Bats Respond to White-nose Syndrome. Georgian Court University, Biology Seminar.
- 2016 Population-Level Impacts of Varying Host Response to White-nose Syndrome. Bryn Mawr College, Biology Departmental Seminar.

- 2015 Exploring the Role of Bats in Integrated Pest Management. Rutgers University, Entomology Departmental Seminar.
- 2015 Host Response to White-nose Syndrome Likely Drives Potential Impacts of Treatment. White-nose Syndrome Treatment and Management Workshop, Grand Rapids, MI.
- 2015 Discussing the Potential Evolutionary Impacts of White-nose Syndrome on Host Populations. White-Nose Syndrome National Stakeholders Call, United States Fish and Wildlife Service.
- 2015 PUBLIC LECTURE - Resolving Conflicts Between Beach-nesting Birds and Coastal Residents. Jacques Cousteau National Estuarine Research Reserve, Tuckerton, NJ.
- 2015 The Role of Bats in the Control of Brown Marmorated Stink Bugs. Conservation Innovation Grant Information Meeting, United States Department of Agriculture – Natural Resource Conservation Service, Pennington, NJ.
- 2014 PUBLIC LECTURE – The Importance of Bats and the Threats They Face from White-Nose Syndrome. Brookdale Biology Departmental Seminar, Lincroft, NJ.
- 2014 Evidence-based Framework for Protecting Beach-nesting Bird Habitat in the Wake of Severe Coastal Storms. SEAFWA Shorebird Symposium, 68th Annual Conference of the Southeastern Association of Fish & Wildlife Agencies, Destin, FL.
- 2013 Habitat Restoration Alternatives for Shorebirds: Refining the Design Parameters. Society of Ecological Restoration – Mid-Atlantic Chapter Field Meeting, Cape May, NJ.
- 2012 Modeling Foraging Behavior of Piping Plovers to Evaluate Habitat Restoration Success. The Wildlife Society – NJ Chapter Spring Meeting, Jackson, NJ.
- 2010 Practical Guidelines for restoring Atlantic Coast piping plover nesting habitat. United States Fish and Wildlife Service Piping Plover and Least Tern Workshop. Shepherdstown, WV.
- 2009 Evaluating 10 Years of Predator Exclusion Methods for NJ Piping Plovers (*Charadrius melodus*). New Jersey Beach Nesting Bird Partners meeting, Tuckerton, NJ.

EXTENSION PRESENTATIONS AND PROGRAMS

- 2016 Preliminary Results from the First Year of Research Aimed at Identifying the Potential Impacts of Intertidal Oyster Aquaculture of Foraging Red Knots. Presented to the NJ Aquaculture Advisory Council.
- 2016 Bat Standards Compliant Training. Joint professional education course between Rutgers Cooperative Extension and the National Wildlife Control Operators Association. Rutgers University, New Brunswick, NJ.
- 2016 Creating backyard habitat. Rutgers Master Gardener Course, Wayne, NJ.
- 2016 Forest Stewardship Practices for Small-scale Landowners, Robbinsville, NJ.
- 2015 Bat Exclusions in New Jersey. NJ Pest Control Association Annual Meeting, Rutgers University, New Brunswick, NJ.
- 2015 Youth Bat Education Program. Rutgers Gardens, New Brunswick, NJ.
- 2015 Managing Beach-Nesting Birds as a Strategy for Coastal Resiliency. Monmouth County Audubon Society, Fair Haven, NJ.
- 2015 NJ Oyster Growers Forum – delivery of information regarding red knot/aquaculture research on Delaware Bay, Cape May Court House, NJ.
- 2015 PUBLIC LECTURE – Why Managing Beach-nesting Birds Increases Coastal Resiliency. Minervas By the Sea Bed and Breakfast, Barnegat Light, NJ.
- 2015 PUBLIC LECTURE - The Piping Plover: Recent Research on the Impact of Hurricane Sandy in New Jersey and on Migration and Wintering in the Bahamas. Long Beach Island Foundation of Arts and Sciences, Science Saturdays, Long Beach Township, NJ.
- 2014 Management of Wildlife Damage for Gardens and Landscape Plantings. Rutgers Master Gardener Course, Totowa, NJ.
- 2014 Why We Should Promote Wildlife Habitat on our Properties. Rutgers Master Gardener Course, Totowa, NJ.
- 2014 *Bats are Cool!* Educational Lesson and Field Trip, Liberty Lake Day Camp, Columbus, NJ.
- 2013 Ecological and Economic Benefits of Increasing Wildlife Habitat on Residential and Corporate Landscapes. Master Gardener Course, Cumberland County, NJ.
- 2013 Echolocation in Bats. Rutgers 4-H Science Saturdays, New Brunswick, NJ.

- 2012 Ecosystem Services and Their Link to Biodiversity. Master Gardener Course, Gloucester County, NJ.
- 2012 Creating Sustainable Landscapes for the Benefit of Wildlife. Master Gardener Course, Sussex County, NJ.
- 2012 Nature Wars: The clash Between the Conservation and Management of Wildlife Populations in New Jersey. Presented to the NJ Agricultural Experiment Station Board of Directors, Bordentown, NJ.

EXTENSION SERVICES

- 2015 Restoration Plan to Enhance Beach-nesting Bird Habitat in Barnegat Light, NJ. Prepared for the United States Fish and Wildlife – NJ Field Office.
- 2015 Woodbridge Township Blue Acres Restoration Plan, Woodbridge Township, NJ.
- 2015 Identification of Potential Beach-nesting Bird Habitat to Be Set Aside in Municipal Beach Management Plans. Prepared for the NJ Endangered and Nongame Species Program.
- 2015 Ecological education series (5 guided walks), Ernie Oros Nature Preserve, Woodbridge Township, NJ.
- 2014 Ecosystem assessment of publically-owned property for potential designation as Pine Barrens habitat, Woodbridge Township, NJ.
- 2014- Wildlife habitat monitoring for Geosyntec, Inc., Burlington, NJ.
- 2014 Recommendations for native plantings for the Sourland Mountain Preserve restoration project. Sourland Conservancy.
- 2013 Consultant for bat exclusion project, Tranquility Methodist Church, Green Township, NJ
- 2012- *Got Bats? Initiative* An online reporting system for NJ homeowners to report bat roosts on their property and obtain information and guidance to resolve human-bat conflict.
- 2012- *Bat House Distribution Program* Provisioning of bat houses to homeowners who evict bats from their homes.

GRANTS

- 2016 New Jersey Department of Environmental Protection. Habitat Selection of Northern Long-eared Bats. \$3,765. Principal Investigator
- 2016 Woodbridge Township, NJ. Landscape Planning and Education Services. \$33,250. Principal Investigator (co-PIs: J. Bergstrom, C. Obropta)
- 2015 United States Fish and Wildlife Service. Are Bat Populations with White-nose Syndrome Undergoing Rapid Natural Selection? \$292,804. Principal Investigator (co-PIs: M. Pinsky, N.H. Fefferman)
- 2015 Wildlife Management Institute. Survival of Indiana Bats after White-nose Syndrome and its Implications for Population Recovery. \$21,221. Principal Investigator
- 2015 USDA – NRCS Conservation Innovation Grant. Bats as Tools for the Early Detection of Agricultural Pests. \$70,208. Principal Investigator (co-PI: J.T. Foster).
- 2015 NJ Sea Grant. Identifying the Impacts of Commercial Oyster Aquaculture on Foraging Behavior of Red Knots in Delaware Bay. \$130,000. Principal Investigator (co-PIs: J.L. Lockwood, D. Bushek, J. Burger)
- 2015 Conserve Wildlife Foundation of New Jersey. A 10-yr Habitat Restoration Plan for Threatened and Endangered Beach-nesting Birds in Barnegat Light. \$20,500. Principal Investigator (co-PI: C. Obropta)
- 2015 New Jersey Department of Environmental Protection. Habitat Selection of Northern Long-eared Bats. \$4,400. Principal Investigator
- 2015 Township of Woodbridge. Restoration of Blue Acres Properties to Improve Flood Storage. \$22,000. Principal Investigator (co-PI: J. Bergstrom, C. Obropta)
- 2015 New Jersey Department of Environmental Protection. Effects of Oyster Aquaculture on Foraging Shorebirds on Delaware Bay. \$40,000. Principal Investigator (co-PIs: J.L. Lockwood, J. Burger)
- 2015 National Fish and Wildlife Foundation. Identifying the Impacts of Commercial Oyster Aquaculture on Foraging Efficiency of Red Knots in Delaware Bay. \$21,986. Principal Investigator (co-PIs: J.L. Lockwood, J. Burger)
- 2014 United States Fish and Wildlife Service. Protection of Critical Beach-Nesting Bird Habitats in the Wake of Severe Coastal Storms. \$105,000. Principal Investigator (co-PI: T. Pover)

- 2014 GeoSyntec, Inc. Evaluation of Habitat Restoration Activities. Burlington, NJ. \$6,811.
- 2012 USDA – NRCS Conservation Innovation Grant, Analyzing Bat Guano for Agricultural Pests to Reduce Brown Marmorated Stink Bug Populations and Improve Bat Habitat on New Jersey Farms. \$69,050.
- 2012 Faculty Resource Development Grant, Rutgers University to fund the conversion of an academic course for hybrid delivery. \$3500
- 2008 Small Grants for Graduate Student Research in Ecology and Evolution, Rutgers University for *Are Constructed Tidal Ponds Suitable Foraging Habitat for Piping Plovers?* \$900.

SERVICE

- 2015 committee member, curriculum affairs committee, Department of Ecology, Evolution and Natural Resources, Rutgers University
- 2015 committee member, development of guidelines for teaching loads, Department of Ecology, Evolution and Natural Resources, Rutgers University
- 2015 *ad hoc* Graduate Admissions Committee, Graduate Program in Ecology and Evolution, Rutgers University
- 2014 Editorial Board Member, *Ecosphere*. Ithaca, NY: ESA Publications.
- 2014 Invited Participant, White-nose Syndrome Workshop, United States Fish and Wildlife Service, St. Louis, MO, Sept. 8-12.
- 2014 Invited Participant, Regional Piping Plover Recovery Field Assessment and Meeting, United States Fish and Wildlife Service, southern NJ, July 28-30.
- 2014- Invited Member, White-nose Syndrome Conservation and Recovery Working Group
- 2014- Invited Member, White-Nose Syndrome State/Federal/Tribal/ Stakeholder Working Group
- 2014- Editorial Board Member, *Urban Naturalist*. Steuben, ME: Eagle Hill Publications
- 2010- Reviewer for several journals, including *Biological Conservation*, *Conservation Letters*, *Biodiversity and Conservation*, *Diversity and Distributions*, *Marine Ecology*, *BMC Veterinary Research* and *Waterbirds*

AWARDS

- 2015 *National Professional Communication Award*. American Society of Landscape Architects, for “Ecological Restoration Journal: A New Platform for Dialogue Between Landscape Architects and Ecologists.”
- 2014 *Women in Wildlife Education Award*. Conserve Wildlife Foundation of New Jersey.
- 2014 *Merit Award in Landscape Architectural Communication*. American Society of Landscape Architects, NJ Chapter Award.
- 2014 *2014 AIA NY Merit Award*. American Institute of Architects New Yorks for “St. Patrick’s Island Project.” Team ecologist.
- 2012 *Green Urban Planning Award*. The Chicago Atheneum Museum of Architecture and Design, for “Full Circle: St. Louis City+Arch+River” landscape design. Team ecologist.
- 2012 *Outstanding Faculty/Staff Member of the Month*. The Scarlet Knights Chapter of The National Residence Hall Honorary.

TEACHING EXPERIENCE

- 2012- *Practicum in Wildlife Management*, Rutgers University, faculty advisor
- 2012- *Research Problems in Ecology, Evolution and Natural Resources* – Rutgers University, faculty advisor
- 2011- *Wildlife Ecology and Conservation* – Rutgers University, course instructor
- 2010- *Animal Behavior* – Rutgers University, course instructor
- 2007 *Behavioral Biology* – Rutgers University, teaching assistant
- 2006-2009 *General Biology* – Rutgers University, lab instructor

GRADUATE RESEARCH

- 2016 Karen Leu, *Practical Uses for Modeling the Distribution of Diamondback Terrapins*, Master's thesis advisor.
- 2016- Michelle Stantial, *Factors Limiting Abundance and Productivity of Piping Plovers (*Charadrius melodus*) in Southern New Jersey*, Ph.D. committee.
- 2015- Oliver Stringham, *A Modeling Approach to Developing a Sustainable Black Bear Management Strategy in New Jersey*, Ph.D. committee.

UNDERGRADUATE RESEARCH

- 2016 Amanda Bevan, *Post-White Nose Syndrome Demographics of Federally Endangered Indiana Bats*.
- 2015 Charles Cini, Faculty Sponsor for work study with USDA- Animal and Plant Health Inspection Service, Canada goose management
- 2013-present Rachael Sacatelli, *Trends in Bat Occurrence after White-nose Syndrome*
- 2013-present Elizabeth Newton, *Vulnerability of New Jersey's Agricultural Lands to Damage by Black Bears*
- 2013 Chloe Lewis, *Status and Management of Canada Geese in NJ*
- 2013 Lori Huff, Faculty Sponsor for work study with USDA- Animal and Plant Health Inspection Service, Canada goose management
- 2013 Eden Buenaventura, *Predicting Black Bear Damage in Agricultural Fields*
- 2012 Samantha Wehman, *Deer and Black Bear Management in NJ*
- 2012 Patrick LePore, Faculty Sponsor for work study with NJ Division of Fish and Wildlife, migratory waterfowl surveys

ADVISING

- 2012 *Faculty Advisor*. Parks for the People: A Student Competition to Reimagine America's National Parks. Van Alen Institute. Received "Award of Excellence"

MEDIA COVERAGE

- 2016 Greenable Woodbridge TV Show. *30-minute interview discussing various ways Maslo and her colleagues at Rutgers Cooperative Extension are assisting Woodbridge Township, NJ, including ecological restoration, open space planning, nature-based education, and outreach.* <https://youtu.be/sp6Mxvmooko>
- 2016 The Star Ledger. *Jersey Shore Turf War: Why Oyster Farmers and Environmentalists are Fighting Over Birds.* print/online article.
- 2016 Verizon FIOS Push Pause. *Saving Our Bats.* online webcast.
<http://www.fios1news.com/newjersey/push-pause-saving-our-bats#.VyTx03CjPAp>.
- 2015 The Bergen Record. *N.J. Bears Don't Scare Away So Easily.* print/online article.
- 2015 The Bergen Record. *N.J. Bats' Future Looks Bleak.* print/online article.
- 2014 National Geographic. *Bear Cub Mystery in NYC: Explaining Recent Black Bear News.* featured on Weird and Wild.
- 2014 WHYY.org. *After Sandy, Balancing the Needs of Shorebirds and People.* radio cast.
- 2014 Days Edge Productions. *Fight for Flight: The Battle Against White-Nose Syndrome.* video documentary.
- 2014 northjersey.com. *Big Brown Bats in NJ Thrive as Smaller Cousins Decline.* online article.
- 2014 New Jersey Advance Media. *Bear Attack in West Milford Happened After Warning from Hikers, Was "One in a Million," Experts Say.* online article.

PROFESSIONAL CERTIFICATIONS

Certified Ecologist – *Ecological Society of America*

Engineer-in-Training – *NJ State Board of Professional Engineers & Land Surveyors*

Methodology for Delineating Wetlands

Vegetation Identification for Delineating Wetlands

OSHA Hazardous Waste Operations and Emergency Response & Site Supervisor