

## APPENDIX B: PUBLICATIONS AND WEB RESOURCES FOR FURTHER READING AND RESEARCH

*The following list includes documents and websites suggested in this guidebook along with other resources that may be helpful in creating and implementing an NRI. Resources are listed under headings that correspond with sections in Chapter 4.*

### Geology and Soils

County soil surveys. Dates vary. <http://www.nrcs.usda.gov/wps/portal/nrcs/surveylist/soils/survey/state/?stateId=NY>

New York State Department of Environmental Conservation. New York State Mined Land Reclamation Database. [www.dec.ny.gov/cfm/extentapps/MinedLand/](http://www.dec.ny.gov/cfm/extentapps/MinedLand/)

United States Geological Survey. 1976. Geological and Water Supply Reports and Maps: New York. [babel.hathitrust.org/cgi/pt?id=uc1.b4143689;view=1up;seq=1](http://babel.hathitrust.org/cgi/pt?id=uc1.b4143689;view=1up;seq=1)

United States Geological Survey. 2003. Geology of the New York City Region. [3dparks.wr.usgs.gov/nyc/](http://3dparks.wr.usgs.gov/nyc/)

### Water Resources

Bode, R., M. Novak, L. Abele, D. Heitzman, and A. Smith. 2004. 30 Year Trends in Water Quality of Rivers and Streams in New York State. New York State Department of Environmental Conservation Division of Water's Stream Biomonitoring Unit. Albany, NY. 364 pp plus appendices. [www.dec.ny.gov/chemical/78979.html](http://www.dec.ny.gov/chemical/78979.html)

Calhoun, A. and M. Klemens. 2002. Best Development Practices: Conserving Pool-breeding Amphibians in Residential and Commercial Developments in the Northeastern United States. MCA Technical Paper No. 5, Metropolitan Conservation Alliance, Wildlife Conservation Society, Bronx, NY. 57 pp. [www.nae.usace.army.mil/Portals/74/docs/regulatory/VernalPools/BestDevelopmentPractices20Oct2014.pdf](http://www.nae.usace.army.mil/Portals/74/docs/regulatory/VernalPools/BestDevelopmentPractices20Oct2014.pdf)

Center for Watershed Protection. 2010. New York State Stormwater Management Design Manual. Center for Watershed Protection for New York State Department of Environmental Conservation. 642 pp. [www.dec.ny.gov/chemical/29072.html](http://www.dec.ny.gov/chemical/29072.html)

Chazen Companies. 2006. Dutchess County Aquifer Recharge Rates & Sustainable Septic System Density Recommendations. Dutchess County Water & Wastewater Authority. Poughkeepsie, NY. 36 pp. [www.co.dutchess.ny.us/CountyGov/Departments/WaterandWaste/ratesanddensityrecommendations.pdf](http://www.co.dutchess.ny.us/CountyGov/Departments/WaterandWaste/ratesanddensityrecommendations.pdf)

Chemung County Soil and Water Conservation District. 2006. Stream Processes: A Guide to Living in Harmony with Streams. 74 pp. [www.chemungcountyswcd.com/PDF/Soil%20&%20Water%20Guide.pdf](http://www.chemungcountyswcd.com/PDF/Soil%20&%20Water%20Guide.pdf)

Environmental Law Institute. 2008. Planner's Guide to Wetland Buffers for Local Governments. Washington, D.C. 25 pp. [www.elistore.org](http://www.elistore.org)

Hudson River Watershed Alliance. 2013. Watershed Atlas. [www.hudsonwatershed.org/maps-resources/maps-atlas/hudson-river-watershed-atlas.html](http://www.hudsonwatershed.org/maps-resources/maps-atlas/hudson-river-watershed-atlas.html)

Kendall, B. 1998. Local Strategies for Wetland and Watercourse Protection: An Educational Guide. The Dutchess County Environmental Management Council and Cornell Cooperative Extension of Dutchess County. Millbrook, NY. 21 pp. plus appendices.

Lindley Stone, A., and F. Mitchell (editors). 2013 update. Method for Inventorying and Evaluating Freshwater Wetlands in New Hampshire. University of New Hampshire Cooperative Extension, Durham, NH. [nhmethod.org](http://nhmethod.org)

Morgan, D. and A. Calhoun. 2012. The Maine Municipal Guide to Mapping and Conserving Vernal Pools. University of Maine, Sustainability Solutions Initiative, Orono, ME. 115 pp. [maineaudubon.org/wp-content/uploads/2012/08/MeAud-ME-Municipal-Guide-to-Mapping-and-Conser-ving-Vernal-Pool.pdf](http://maineaudubon.org/wp-content/uploads/2012/08/MeAud-ME-Municipal-Guide-to-Mapping-and-Conser-ving-Vernal-Pool.pdf)

New York State Federation of Lake Associations, Inc. (NYSFOLA). 2009. Diet for a Small Lake: The Expanded Guide to New York State Lake and Watershed Management. 2nd edition. NYSFOLA in cooperation with DEC. [www.dec.ny.gov/chemical/82123.html](http://www.dec.ny.gov/chemical/82123.html)

New York State Department of Environmental Conservation. Citizen Statewide Lake Assessment Program. [www.dec.ny.gov/chemical/81576.html](http://www.dec.ny.gov/chemical/81576.html)

New York State Department of Environmental Conservation. Lake Classification and Inventory Program. [www.dec.ny.gov/chemical/31411.html](http://www.dec.ny.gov/chemical/31411.html)

New York State Department of Environmental Conservation. 2008. Lower Hudson River Waterbody Inventory/Priority Waterbodies List. [www.dec.ny.gov/chemical/36740.html](http://www.dec.ny.gov/chemical/36740.html)

New York State Department of Environmental Conservation. Water Quality Standards and Classification. [www.dec.ny.gov/chemical/23853.html](http://www.dec.ny.gov/chemical/23853.html)

New York State Department of Environmental Conservation. Woodland Pool Conservation. [www.dec.ny.gov/lands/52325.html](http://www.dec.ny.gov/lands/52325.html)

New York State Department of State. 2009. Watershed Plans Guidebook: Protecting and Restoring Water Quality. NYSDOS Office of Coastal, Local Government, and Community Sustainability. Albany, NY. 101 pp. [www.dos.ny.gov/opd/programs/pdfs/Guidebooks/watershed/WatershedPlansGuidebook%20wo%20secretary.pdf](http://www.dos.ny.gov/opd/programs/pdfs/Guidebooks/watershed/WatershedPlansGuidebook%20wo%20secretary.pdf)

## Habitats and Wildlife

Audubon New York. 2009. Hudson River Valley Priority Birds website and fact sheets. [ny.audubon.org/hudson-river-valley-conservation](http://ny.audubon.org/hudson-river-valley-conservation)

Center for Watershed Protection. 2008. Watershed Forestry Resource Guide. [www.forestsforwatersheds.org/forests-and-drinking-water/](http://www.forestsforwatersheds.org/forests-and-drinking-water/)

Cornell Cooperative Extension Invasive Species Program. New York Invasive Species Clearinghouse. <http://nyis.info>

Hudson River National Estuarine Research Reserve. Guidance on Shoreline Ecology and Engineering. [www.hrner.org/hudson-river-sustainable-shorelines/](http://www.hrner.org/hudson-river-sustainable-shorelines/)

Kiviat, E., and G. Stevens. 2001. Biodiversity Assessment Manual for the Hudson River Estuary Corridor. New York State Department of Environmental Conservation. Albany, N.Y. 508 pp.

New York Planning Federation, New York State Department of Environmental Conservation, and Empire State Forest Products Association. 2005. The Municipal Official's Guide to Forestry in New York State. 31 pp. [www.dec.ny.gov/docs/lands\\_forests\\_pdf/guidetoforestry.pdf](http://www.dec.ny.gov/docs/lands_forests_pdf/guidetoforestry.pdf)

New York Natural Heritage Program. 2012. Animal, Plant, and Community Guides. [www.guides.nynhp.org](http://www.guides.nynhp.org)

New York Natural Heritage Program. New York iMapInvasives Database. [www.nyimapinvasives.org](http://www.nyimapinvasives.org)

New York State Department of Environmental Conservation Division of Lands and Forests. Forest Stewardship Program website. [www.dec.ny.gov/lands/4972.html](http://www.dec.ny.gov/lands/4972.html)

New York State Department of Environmental Conservation. List of Endangered, Threatened, and Special Concern Fish & Wildlife Species. [www.dec.ny.gov/animals/7494.html](http://www.dec.ny.gov/animals/7494.html)

New York State Department of Environmental Conservation. List of Species of Greatest Conservation Need. [www.dec.ny.gov/docs/wildlife\\_pdf/appendixd2.pdf](http://www.dec.ny.gov/docs/wildlife_pdf/appendixd2.pdf)

New York State Department of Environmental Conservation. 1990-1999. New York State Amphibian and Reptile Atlas. [www.dec.ny.gov/animals/7140.html](http://www.dec.ny.gov/animals/7140.html)

New York State Department of Environmental Conservation. 2000-2005. New York State Breeding Bird Atlas. Release 1.0. [www.dec.ny.gov/animals/7312.html](http://www.dec.ny.gov/animals/7312.html)

New York State Department of Environmental Conservation. 2006. New York State Comprehensive Wildlife Conservation Strategy. DEC, Albany, NY. 1,569 pp. [www.dec.ny.gov/docs/wildlife\\_pdf/cwcs2005.pdf](http://www.dec.ny.gov/docs/wildlife_pdf/cwcs2005.pdf)

New York State Department of State. Dates vary. Maps and narrative for designated Significant Coastal Fish and Wildlife Habitat areas. [www.dos.ny.gov/opd/programs/consistency/scfwhabitats.html](http://www.dos.ny.gov/opd/programs/consistency/scfwhabitats.html)

Penhollow, M., P. Jensen, and L. Zucker. 2006. Wildlife and Conservation Framework: An Approach for Conserving Biodiversity in the Hudson River Estuary Corridor. New York Cooperative Fish and Wildlife Research Unit and New York State Department of Environmental Conservation, Hudson River Estuary Program, Ithaca, NY. 139 pp. [www.dec.ny.gov/lands/5096.html](http://www.dec.ny.gov/lands/5096.html)

Watershed Agricultural Council Forestry Program, New York State Department of Environmental Conservation, and Empire State Forest Products Association. 2011. New York State Forestry Best Management Practices for Water Quality. 85 pp. [www.dec.ny.gov/docs/lands\\_forests\\_pdf/dlfbmpguide.pdf](http://www.dec.ny.gov/docs/lands_forests_pdf/dlfbmpguide.pdf)

## Climate Conditions and Projections

Climate Smart Communities. 2014. Climate Smart Resiliency Planning: A Planning Evaluation Tool for New York State Communities Version 2.0. DEC, Albany, NY. 51 pp. [www.dec.ny.gov/docs/ad-ministration\\_pdf/csrptool.pdf](http://www.dec.ny.gov/docs/ad-ministration_pdf/csrptool.pdf)

Horton, R., D. Bader, C. Rosenzweig, A. DeGaetano, and W. Solecki. 2014. Climate Change in New York State: Updating the 2011 ClimAID Climate Risk Information. New York State Energy Research and Development Authority (NYSERDA), Albany, NY. [www.nysesda.ny.gov/climaid](http://www.nysesda.ny.gov/climaid)

New York State Department of Environmental Conservation. Climate Smart Communities Program. [www.dec.ny.gov/energy/96511.html](http://www.dec.ny.gov/energy/96511.html)

New York State Department of Environmental Conservation Hudson River Estuary Program. Climate Change in the Hudson Valley. [www.dec.ny.gov/lands/39786.html](http://www.dec.ny.gov/lands/39786.html)

NYS 2100 Commission. 2013. The NYS 2100 Commission Report: Recommendations to Improve the Strength and Resilience of New York State's Infrastructure. [www.governor.ny.gov/assets/documents/NYS2100.pdf](http://www.governor.ny.gov/assets/documents/NYS2100.pdf)

Rosenzweig, C., W. Solecki, A. DeGaetano, M. O'Grady, S. Hassol, P. Grubhorn (editors). 2011. Responding to Climate Change in New York State: The ClimAID Integrated Assessment for Effective Climate Change Adaptation. Synthesis Report. New York State Energy Research and Development Authority (NYSERDA), Albany, NY. [www.nysesda.ny.gov/climaid](http://www.nysesda.ny.gov/climaid)

## Cultural Resources

Library of Congress Panoramic Map Collection website. [www.memory.loc.gov/ammem/pmhtml/panhome.html](http://www.memory.loc.gov/ammem/pmhtml/panhome.html)

National Park Service. National Register of Historic Places Research Program website. [www.nps.gov/nr/research](http://www.nps.gov/nr/research)

New York State Department of Environmental Conservation. Assessing and Mitigating Visual Impacts. [www.dec.ny.gov/docs/permits\\_ej\\_operations\\_pdf/visual2000.pdf](http://www.dec.ny.gov/docs/permits_ej_operations_pdf/visual2000.pdf)

New York State Department of State. Scenic Areas of Statewide Significance. [www.dos.ny.gov/opd/programs/consistency/scenicass.html](http://www.dos.ny.gov/opd/programs/consistency/scenicass.html)

New York State Department of Transportation. Bicycling in New York website. [www.dot.ny.gov/bicycle/maps](http://www.dot.ny.gov/bicycle/maps)

New York State Office of Parks, Recreation, and Historic Preservation. Recommended Standards for Historic Resources Surveys. [nysparks.com/shpo/survey-evaluation/documents/RecommendedStandardsHistoricResourcesSurvey.pdf](http://nysparks.com/shpo/survey-evaluation/documents/RecommendedStandardsHistoricResourcesSurvey.pdf)

Shawangunk Mountains Regional Partnership. Scenic Resources in the Shawangunk Mountains Region: A Guide for Planning Boards. LandWorks, Middlebury, VT. 97 pp. [mtnscenicbyway.org/planning-board-guide.html](http://mtnscenicbyway.org/planning-board-guide.html)

United States Geological Survey. Historic USGS Maps of New England and New York. Dimond Library at the University of New Hampshire website. [docs.unh.edu/nhtopos/nhtopos.htm](http://docs.unh.edu/nhtopos/nhtopos.htm)

## Land Use

American Farmland Trust. 2011. Planning for Agriculture in New York: A Toolkit for Towns and Counties. 81 pp. [www.dec.ny.gov/lands/36117.html](http://www.dec.ny.gov/lands/36117.html)

Arendt, R. 1994. Rural by Design: Maintaining Small Town Character. American Planning Association Planners Press, Chicago, IL. 441 pp.

Duany, A., Speck, J., and M. Lydon. 2010. The Smart Growth Manual. McGraw Hill, New York, NY. 240 pp.

Eisenman, T., J. Anzevino, S. Rosenberg, and S. Spector (eds.) Revitalizing Hudson Riverfronts: Illustrated Conservation & Development Strategies for Creating Healthy, Prosperous Communities. Scenic Hudson, Poughkeepsie, NY. 102 pp. [www.dos.ny.gov/opd/programs/pdfs/Guidebooks/Revit\\_Hudsonguide.pdf](http://www.dos.ny.gov/opd/programs/pdfs/Guidebooks/Revit_Hudsonguide.pdf)

Firehock, K. 2013. Evaluating and Conserving Green Infrastructure Across the Landscape: A Practitioner's Guide. New York Guide. The Green Infrastructure Center, Inc., Charlottesville, VA. 149 pp. [www.gicinc.org](http://www.gicinc.org)

Forman, R., Olson, J., and W. Dramstad. 1996. Landscape Ecology Principles in Landscape Architecture and Land Use Planning. Harvard University Graduate School of Design, Island Press and the American Society of Landscape Architects. Washington, DC. 80 pp.

Hudson River Valley Greenway. Technical Assistance Toolbox website. [www.hudsongreenway.ny.gov/Tech\\_Assist.aspx](http://www.hudsongreenway.ny.gov/Tech_Assist.aspx)

Kennedy, C., J. Wilkinson, and J. Balch. 2003. Conservation Thresholds for Land Use Planners. Environmental Law Institute, Washington, DC. [www.eli.org/sites/default/files/eli-pubs/d13-04.pdf](http://www.eli.org/sites/default/files/eli-pubs/d13-04.pdf)

McElfish, J. 2004. Nature-Friendly Ordinances. Environmental Law Institute, Washington, DC. [www.elistore.org](http://www.elistore.org)

New York State Department of Environmental Conservation Hudson River Estuary Program and New York State Water Resources Institute in cooperation with the Center for Watershed Protection. 2011. Code and Ordinance Worksheet for New York State. [www.dec.ny.gov/docs/remediation\\_hudson\\_pdf/cownys.pdf](http://www.dec.ny.gov/docs/remediation_hudson_pdf/cownys.pdf)

New York State Department of State. 2009. Making the Most of Your Waterfront: Enhancing Waterfronts to Revitalize Communities. 94 pp. [www.dos.ny.gov/opd/programs/pdfs/Guidebooks/lwrrp/LWRP\\_guidebook.pdf](http://www.dos.ny.gov/opd/programs/pdfs/Guidebooks/lwrrp/LWRP_guidebook.pdf)

New York State Department of State. 2004. Local Open Space Planning Guide. 64 pp. [www.dos.ny.gov/lg/publications/Local\\_Open\\_Space\\_Planning\\_Guide.pdf](http://www.dos.ny.gov/lg/publications/Local_Open_Space_Planning_Guide.pdf)

New York State Department of Environmental Conservation. Critical Environmental Areas. [www.dec.ny.gov/permits/45500.html](http://www.dec.ny.gov/permits/45500.html)

Nolon, J. 2002. Well Grounded: Using Local Land Use Authority to Achieve Smart Growth. Environmental Law Institute, Washington, D.C. 470 pp. [www.elistore.org](http://www.elistore.org)

Nolon, J. (editor). 2005. Breaking Ground: Planning and Building in Priority Growth Districts: A Guide for Local Leaders. Yale School of Forestry & Environmental Studies and Pace University School of Law. 148 pp.

Pace University Land Use Law Center's Gaining Ground Information Database. [landuse.law.pace.edu](http://landuse.law.pace.edu)

Plunkett, K. (editor). 2003. A Local Leader's Guide to Open Space Preservation. Starting Ground Series. Pace University Land Use Law Center. White Plains, NY. 86 pp.

Strong, Karen. 2008. Conserving Natural Areas and Wildlife in Your Community: Smart Growth Strategies for Protecting the Biological Diversity of New York's Hudson River Valley. New York Cooperative Fish and Wildlife Research Unit at Cornell University for NYSDEC Hudson River Estuary Program. pp.101. [www.dec.ny.gov/lands/50083.html](http://www.dec.ny.gov/lands/50083.html)