Riparian Buffer Management Resources

Topic	Title	Short description or keywords	Source	Link
Buffer 101	Riparian Areas: A User's Guide to Health	Good, basic information about riparian areas, presented in straightforward language with lots of images.	Alberta Cow and Fish	http://cowsandfish.org/pdfs/ugfull.pdf
Buffers 101	Enhancing Water Resources in Tompkins County: Benefits of Riparian Areas and Stream Buffers	Brief overview of the importance of buffers, both generally and specific to Tompkins County.	Tompkins County Planning Sustainability Department	http://tompkinscountyny.gov/planning/water-resources-stream-buffers
Buffers 101	Stream Buffers Factsheet: A Tool for Watershed Protection	Fact sheet on importance of healthy buffer	Trees for Tribs	https://www.dec.ny.gov/docs/lands_forests_pdf/t4tbuffersfs.pdf
Buffers 101	Riparian Buffers website	NY DEC overview website on what are buffers, their benefits, planting guides, and funding sources	NYS DEC's Division of Water	https://www.dec.ny.gov/chemical/106345.html
Buffers 101	Stroud Water Research Center	Decades of frontline research on streams and riparian buffers.	Stroud Water Research Center	http://www.stroudcenter.org/research/projects/StroudPreserve/
Buffers 101	Stream Processes: A Guide to Living In Harmony with Streams	In depth, but accessible guide to stream processes and living with streams	Chemung Co SWCD	http://urbanwaterslearningnetwork.org/wp-content/uploads/2016/04/chemungstreamguide-1.pdf
Project Implementation-Design	Stream Buffer Planting Guide	Landscaping guidance on buffer plantings, including tree and shrub specieis information	Tompkins County Planning Sustainability Department	http://tompkinscountyny.gov/planning/water-resources-stream-buffers
Project Implementation-Design	Planting Guide	Practical guide to planting and basic maintenance of buffers	Tree for Tribs	https://www.dec.ny.gov/docs/lands_forests_pdf/tftpguide.pdf
Project Implementation-Design	Shoreline Stabilization Techniques	Guidance on protecting and stabilizing shorelines	Trees for Tribs	https://www.dec.ny.gov/permits/67096.html
Project Implementation-Design	The Hudson River Sustainable Shorelines Project	Provides science-based recommendations for shore zone management to enhance natural benefits while meeting protection needs.	Hudson River Estuary Program	Home page https://www.hrnerr.org/hudson-river-sustainable-shorelines Recordings of

Project Implementation-Design	Conservation Buffers; Design Guidelines for Buffers, Corridors, and Greenways	Design guidance based on the goals of the project.	USDA Forest Service	https://www.fs.usda.gov/nac/buffers/index.html
Project Implementation-Design	Lakescaping for Wildlife & Water Quality	Guidance specific to lake shore buffers	MN Department of Natural Resources	https://www.amazon.com/Lakescaping-Wildlife-Quality-Carrol-Henderson/dp/0964745127; https://www.dnr.state.mn.us/lakescaping/index.html
Project Implementation-Design	Growing Restoration: Natural Fixes to Fortify Streambanks	Fact sheet on restoring an eroding bank	Alberta Cow and Fish	http://cowsandfish.org/pdfs/growing_restoration_en.pdf
Project Implementation-Funding	Trees for Tribs Factsheet	Trees for Tribs program overview	Trees for Tribs	https://www.dec.ny.gov/docs/lands_forests_pdf/tftfactsheet.pdf
Project Implementation-Funding	Buffer in a Bag	Learn about the Buffer in a Bag initiative and access resources for recipients.	Trees for Tribs	https://www.dec.ny.gov/animals/77710.html
Project Implementation-Funding	Resiliency Funding Sources for NYS Watersheds and Water Infrastructure	Funding matrix of federal, state, and institutional funding sources for resilience efforts.	SU Environmental Finance Center	https://efc.syr.edu/wp-content/uploads/2019/11/Funding-Matrix-online.pdf
Project Implementation-Funding	Trees for Tribs Grant Program	Learn about the Trees for Tribs grant program and access resources for grantees.	Trees for Tribs	https://www.dec.ny.gov/animals/113412.html
Project Implementation-Maintenance and Monitoring	Watch the Forest Grow Initiative	Taking photos periodically helps DEC monitor tree planting sites and shows the sites' progress.	Trees for Tribs	https://www.dec.ny.gov/animals/109781.html
Project Implementation-Maintenance and Monitoring	Maintenance Calendar Checklist	Monthly checklist for maintaining buffer plantings	Trees for Tribs	https://www.dec.ny.gov/docs/lands_forests_pdf/tftcalchecklist.pdf
Project Implementation-Maintenance and Monitoring	Site Maintenance Guide for Streamside Plantings	Practical guidance for monitoring and maintenance of plantings	Trees for Tribs	https://www.dec.ny.gov/docs/lands_forests_pdf/tftmguide2.pdf

Project Implementation- Maintenance and Monitoring	Managing Invasive Plants in Riparian Areas	General strategies and specific practices to manage invasives in riparian areas	Trees for Tribs	https://www.dec.ny.gov/docs/lands_forests_pdf/tftismg17.pdf
Project Implementation- Sourcing	New York State Tree Nursery	Overview and contact information for the NYS tree nursery	NYS DEC	https://www.dec.ny.gov/animals/7127.html
Protection and Management Tools	Riparian Protection Agreement	Model property-level riparian protection agreement	Tompkins County Planning Sustainability Department	http://tompkinscountyny.gov/planning/water-resources-stream-buffers
Protection and Management Tools	Riparian Buffer Easement	Model easement agreement between landowners and long term managers	Tompkins County Planning Sustainability Department	http://tompkinscountyny.gov/planning/water-resources-stream-buffers
Protection and Management Tools	Model Stream Buffer Ordinance	Model stream buffer ordinance or zoning provision to restrict development adjacent to streams	Tompkins County Planning Sustainability Department	http://tompkinscountyny.gov/planning/water-resources-stream-buffers
Protection and Management Tools	Tackling Barriers to Green Infrastructure; An audit of local codes and ordinances	General guidance and checklist for municipalities to review municipal laws and assets regarding green infrastructure	Wisconsin Sea Grant	http://seagrant.wisc.edu/home/Portals/0/Files/Coastal%20Communities/Green_Infrastructure/DRAFT_GIworkbook_complete.pdf
Watershed Planning	Statewide Riparian Opportunity Assessment	Mapping tool for indentfying stressed and healthy riparian areas	Trees for Tribs	https://www.nynhp.org/treesfortribsny
Watershed Planning	Susquehanna Basin Climate Change Resiliency GIS Toolkit	Mapping tools to identify and prioritize BMPs, including buffer opportunities	Upper Susquehanna Coalition	http://www.uppersusquehanna.org/usc/usc-resources/climate-change-resiliency-gis-toolkit/
Watershed Planning	Stream Corridor Assessment Guide	Guidance for a base level assessment of the stream corridor including the channel, banks, floodplain, riparian areas, and upland impacts.	Upper Susquehanna Coalition	http://www.u-s-c.org/html/Stream%20Corridor%20Assessment%20Guide%204-21-17.pdf
Watershed Planning	Natural Resource Mapper	Online mapping platform for many datasets related to natural resources.	Tompkins County Planning Sustainability Department	https://geo2.tompkins-co.org/html/?viewer=nrimobile