

WHERE TO GET DATA

Map Layer Name	Source
Reference\NY State Boundary	http://gis.ny.gov/gisdata/inventories/details.cfm?DSID=927
Reference\NY Counties	http://gis.ny.gov/gisdata/inventories/details.cfm?DSID=927
Reference\NY Cities and Towns	http://gis.ny.gov/gisdata/inventories/details.cfm?DSID=927
Extended Freshwater Study Region	NRNdata_Reference_20170313
Hydrologic Units	NRNdata_Reference_20170313
Catchments	NRNdata_Reference_20170313
Terrestrial Hexagon Grid	NRNdata_Reference_20170313
Lakes	NRNdata_Reference_20170313
Rivers and Streams	NRNdata_StreamData_20170313
Protected Lands x2	http://www.conservationgateway.org/ConservationByGeography/NorthAmerica/UnitedStates/edc/report/sdata/terrestrial/secured/Pages/default.aspx ; http://nypad.org/Download
Matrix Forest Block Protection	http://easterndivision.s3.amazonaws.com/Terrestrial/distribute_matrix.zip
Riparian Percent Protected	http://nature.ly/GeoCondition
Synthesis and Prioritizations\TNC Terrestrial Resilience Analysis Prioritized Network	http://nature.ly/TNCResilience
Synthesis and Prioritizations\TNC Terrestrial Resilience Analysis (Entire)	http://nature.ly/TNCResilience
Streams: Current Condition\Streams Condition Score	NRNdata_StreamData_20170313
Streams: Current Condition\SCORED Flow Alteration from Upstream Dam Water Storage	NRNdata_StreamData_20170313
Streams: Current Condition\SCORED Floodplain Connectivity	NRNdata_StreamData_20170313
Streams: Current Condition\SCORED Functioning Floodplain	NRNdata_StreamData_20170313
Streams: Current Condition\SCORED Percent Impervious Cover	NRNdata_StreamData_20170313
Streams: Current Condition\SCORED Road-Stream Crossing Density	NRNdata_StreamData_20170313
Streams: Current Condition\SCORED NY State Impaired Waters	NRNdata_StreamData_20170313
Streams: Current Condition\Biologically Based Water Quality Prediction	New York Natural Heritage Program
Streams: Current Condition\Dam Density (per mile)	NRNdata_StreamData_20170313
Streams: Future Threats\Streams Threat Score	NRNdata_StreamData_20170313
Streams: Future Threats\SCORED Change in Percent Impervious	NRNdata_StreamData_20170313
Streams: Future Threats\SCORED Change in Floodplain Connectivity	NRNdata_StreamData_20170313
Streams: Future Threats\SCORED Connectivity Threat from Additional Road-Stream Crossings	NRNdata_StreamData_20170313
Streams: Future Threats\SCORED Flood Pollution Risk	NRNdata_StreamData_20170313
Streams: Future Threats\SCORED Streams Acid Deposition Sensitivity	NRNdata_StreamData_20170313

Map Layer Name	Source
Streams: Climate Sensitivity\Streams Sensitivity Score	NRNdata_StreamData_20170313
Streams: Climate Sensitivity\SCORED Connected Network Length	NRNdata_StreamData_20170313
Streams: Climate Sensitivity\SCORED Size Variety	NRNdata_StreamData_20170313
Streams: Climate Sensitivity\SCORED Slope Variety	NRNdata_StreamData_20170313
Streams: Climate Sensitivity\SCORED Temperature Variety	NRNdata_StreamData_20170313
Streams: Climate Exposure\Streams Exposure Score	NRNdata_StreamData_20170313
Streams: Climate Exposure\SCORED Change in Stream Temperature Class	NRNdata_StreamData_20170313
Streams: Climate Exposure\SCORED Change in Summer Maximum Temperature	NRNdata_StreamData_20170313
Streams: Climate Exposure\SCORED Stream Change in Days below Freezing	NRNdata_StreamData_20170313
Streams: Climate Exposure\SCORED Stream Change in Growing Degree Days	NRNdata_StreamData_20170313
Streams: Climate Exposure\SCORED Stream Aridity Change	NRNdata_StreamData_20170313
Streams: Climate Exposure\SCORED Stream Change in Total Annual Precipitation	NRNdata_StreamData_20170313
Streams: Climate Exposure\SCORED Stream Change in Total Summer Precipitation	NRNdata_StreamData_20170313
Streams: Climate Exposure\SCORED Change in Extreme Precipitation	NRNdata_StreamData_20170313
Streams: Recommendations\Stream Recommended Objective	NRNdata_StreamData_20170313
Streams: Supporting Data\Stream Geology	https://www.conservationgateway.org/ConservationByGeography/NorthAmerica/UnitedStates/edc/reportsdata/mapsdata/Pages/default.aspx#freshwater
Streams: Supporting Data\Stream Size	https://www.conservationgateway.org/ConservationByGeography/NorthAmerica/UnitedStates/edc/reportsdata/mapsdata/Pages/default.aspx#freshwater
Streams: Supporting Data\Stream Slope	https://www.conservationgateway.org/ConservationByGeography/NorthAmerica/UnitedStates/edc/reportsdata/mapsdata/Pages/default.aspx#freshwater
Streams: Supporting Data\Stream Current Temperature Class	NRNdata_StreamData_20170313
Streams: Supporting Data\Regional Dams & Obstacles	http://gis.ny.gov/gisdata/inventories/details.cfm?DSID=1130
Streams: Supporting Data\Lateral Connectivity	NRNdata_ARA_FPC_LCON_20170313
Streams: Supporting Data\Stream Floodplain Complexes	NRNdata_ARA_FPC_LCON_20170313
Streams: Supporting Data\Active River Area Components x2	NRNdata_ARA_FPC_LCON_20170313
Forests: Current Condition\Forest Condition Score	NRNdata_Forest_Condition_20170313
Forests: Current Condition\SCORED Patch Size	NRNdata_Forest_Condition_20170313
Forests: Current Condition\SCORED Invasive Plant Impact	NRNdata_Forest_Condition_20170313
Forests: Current Condition\SCORED Large Snag Density	NRNdata_Forest_Condition_20170313
Forests: Current Condition\SCORED Forest Regeneration	NRNdata_Forest_Condition_20170313
Forests: Current Condition\SCORED Relative Canopy Diversity	NRNdata_Forest_Condition_20170313

Map Layer Name	Source
Forests: Current Condition\Atmospheric Deposition Sensitivity	NRNdata_Forest_Condition_20170313
Forests: Future Threats\Forest Threat Score	NRNdata_Forest_Threat_20170313
Forests: Future Threats\SCORED Connectedness Change	NRNdata_Forest_Threat_20170313
Forests: Future Threats\SCORED Fragmentation	NRNdata_Forest_Threat_20170313
Forests: Future Threats\SCORED Invasive Plants	NRNdata_Forest_Threat_20170313
Forests: Future Threats\SCORED Pest Pathogen Risk	NRNdata_Forest_Threat_20170313
Forests: Future Threats\Pest Pathogen Risk - various	https://www.fs.fed.us/foresthealth/technology/nidrm2012.shtml
Forests: Future Threats\Pest Pathogen Host Abundance (various)	http://dx.doi.org/10.2737/RDS-2013-0013
Forests: Climate Sensitivity\Forest Sensitivity Score	NRNdata_Forest_Sensitivity_20170313
Forests: Climate Sensitivity\SCORED Elevation Range	NRNdata_Forest_Sensitivity_20170313
Forests: Climate Sensitivity\SCORED Landform Variety	NRNdata_Forest_Sensitivity_20170313
Forests: Climate Sensitivity\SCORED Forest Connectedness	NRNdata_Forest_Sensitivity_20170313
Forests: Climate Sensitivity\SCORED Habitat Vulnerability	NRNdata_Forest_Sensitivity_20170313
Forests: Climate Sensitivity\SCORED Canopy Species Richness	NRNdata_Forest_Sensitivity_20170313
Forests: Climate Exposure\Forest Exposure Score	NRNdata_Forest_Exposure_20170313
Forests: Climate Exposure\SCORED Forest Summer Maximum Temperature Change	NRNdata_Forest_Exposure_20170313
Forests: Climate Exposure\SCORED Forest Change in Days Below Freezing	NRNdata_Forest_Exposure_20170313
Forests: Climate Exposure\SCORED Forest Change in Growing Degree Days	NRNdata_Forest_Exposure_20170313
Forests: Climate Exposure\SCORED Forest Aridity Change	NRNdata_Forest_Exposure_20170313
Forests: Climate Exposure\SCORED Forest Total Annual Precipitation Change	NRNdata_Forest_Exposure_20170313
Forests: Climate Exposure\SCORED Forest Total Summer Precipitation Change	NRNdata_Forest_Exposure_20170313
Forests: Climate Exposure\SCORED Expected Decline in Canopy Species	NRNdata_Forest_Exposure_20170313
Forests: Recommendations\Forest Recommended Objective	NRNdata_Forest_Recommend_20170313
Forests: Supporting Data\Forest Habitat Types	NRNdata_LULC_IMP_20170313
Forests: Supporting Data\Rare Geophysical Terrestrial Settings	pending
Forests: Supporting Data\Underprotected Geophysical Terrestrial Settings	pending
Forests: Supporting Data\Geophysical Settings	https://www.conservationgateway.org/ConservationByGeography/NorthAmerica/UnitedStates/edc/reportsdata/mapsdata/Pages/default.aspx
Forests: Supporting Data\Matrix Forest Blocks	http://easterndivision.s3.amazonaws.com/Terrestrial/distribute_matrix.zip
Forests: Supporting Data\Current Linkage Zones	http://nynhp.org/data#BatAndConnectivityModels
Forests: Supporting Data\Percent Natural Loss in Linkages	NRNdata_Forest_Supporting_20170313
Forests: Supporting Data\2050 Linkage Zones	NRNdata_Forest_Supporting_20170313

Map Layer Name	Source
Non-Forested Uplands: Supporting Data\Non-Forested Uplands - Combined Sources	NRNdata_LULC_IMP_20170313; New York Natural Heritage Program
Non-Forested Uplands: Supporting Data\Non-Forested Upland Habitat Classes – NETWHC	NRNdata_LULC_IMP_20170313
Non-Forested Uplands: Supporting Data\Non-Forested Upland Communities – NYNHP	New York Natural Heritage Program
Wetlands: Climate Sensitivity\Wetland Density	https://www.conservationgateway.org/ConservationByGeography/NorthAmerica/UnitedStates/edc/reportsdata/terrestrial/resilience/ne/Pages/default.aspx
Wetlands: Supporting Data\DEC Wetlands	Cornell University Geospatial Information Repository < http://cugir.mannlib.cornell.edu > or the Habitat Inventory Unit, New York State Department of Environmental Conservation
Wetlands: Supporting Data\DEC Freshwater Wetlands Check Zones	Cornell University Geospatial Information Repository < http://cugir.mannlib.cornell.edu > or the Habitat Inventory Unit, New York State Department of Environmental Conservation
Wetlands: Supporting Data\APA Wetlands - Polygons	https://apa.ny.gov/gis/shared/htmlpages/data.html#wetl
Wetlands: Supporting Data\NWI Wetlands	https://www.fws.gov/wetlands/Data/Metadata.html
Wetlands: Supporting Data\Wetlands Geophysical Setting	Pending
Wetlands: Supporting Data\Wetland Habitat Types	NRNdata_LULC_IMP_20170313
Climate\Change in various metrics from NARCCAP	https://www.nyclimatescience.org/highlights/data_products
Climate\Change in Aridity Index	https://climatewizardcustom.org
Climate\Extreme Precipitation (100 year Event): Future Recurrence	http://precip.eas.cornell.edu
Climate\Extreme Precipitation	http://precip.eas.cornell.edu
Sea Level Rise\Current MHHW Shorelines	http://www.scenichudson.org/slr/mapper
Sea Level Rise\Future MHHW Shorelines	http://www.scenichudson.org/slr/mapper
Sea Level Rise\Current SLR Innundation	NRNdata_LULC_IMP_20170313
Sea Level Rise\Future SLR Inundation	NRNdata_LULC_IMP_20170313
Ecosystem Functions\Carbon Storage\Predicted future above-ground carbon storage	NRNdata_Carbon_20170313
Ecosystem Functions\Carbon Storage\Predicted above-ground carbon sequestration (2000-2050)	NRNdata_Carbon_20170313
Ecosystem Functions\Carbon Storage\Observed current above-ground carbon storage	NRNdata_Carbon_20170313
Ecosystem Functions\Carbon Storage\Estimated terrestrial carbon storage (all sinks)	NRNdata_Carbon_20170313
Ecosystem Functions\Nutrient Retention\Predicted Future Percent Change in Phosphorus Retention and Export to Streams	NRNdata_Nutrients_20170313
Freshwater Flooding: Current Condition\Number of Flood Disaster Declarations	New York State Department of Homeland Security and Emergency Services. Contact: Dan O’Brien, Daniel.obrien@dhses.ny.gov .
Freshwater Flooding: Current Condition\Number of Flood Events	New York State Department of Homeland Security and Emergency Services. Contact: Dan O’Brien, Daniel.obrien@dhses.ny.gov .
Freshwater Flooding: Current Condition\Number of Residential Parcels in the 100-yr Floodplain	New York State Department of Homeland Security and Emergency Services. Contact: Dan O’Brien, Daniel.obrien@dhses.ny.gov .

Map Layer Name	Source
Freshwater Flooding: Sensitivity\# NFIP Policies per 100-Yr Residential Property	New York State Department of Homeland Security and Emergency Services. Contact: Dan O'Brien, Daniel.obrien@dhses.ny.gov.
Freshwater Flooding: Sensitivity\# Repetitive Losses per Repetitive Loss Property	New York State Department of Homeland Security and Emergency Services. Contact: Dan O'Brien, Daniel.obrien@dhses.ny.gov.
Freshwater Flooding: Sensitivity\Number of NFIP Policies	New York State Department of Homeland Security and Emergency Services. Contact: Dan O'Brien, Daniel.obrien@dhses.ny.gov.
Freshwater Flooding: Sensitivity\Number of Repetitive Loss Properties	New York State Department of Homeland Security and Emergency Services. Contact: Dan O'Brien, Daniel.obrien@dhses.ny.gov.
Freshwater Flooding: Sensitivity\Paid NFIP Claims	New York State Department of Homeland Security and Emergency Services. Contact: Dan O'Brien, Daniel.obrien@dhses.ny.gov.
Freshwater Flooding: Sensitivity\Paid Repetitive Loss Property Claims	New York State Department of Homeland Security and Emergency Services. Contact: Dan O'Brien, Daniel.obrien@dhses.ny.gov.
Freshwater Flooding: Supporting Data\FEMA DFIRM/Q3 Floodplains	NRNdata_FloodingData_20170313
Landuse/Landcover (LULC)\Future (2050) NYS LULC: Changes Only	NRNdata_LULC_IMP_20170313
Landuse/Landcover (LULC)\Future (2050) NYS LULC	NRNdata_LULC_IMP_20170313
Landuse/Landcover (LULC)\Current (2011) NYS LULC	NRNdata_LULC_IMP_20170313
Landuse/Landcover (LULC)\Current (2011) Regional LULC	NRNdata_LULC_IMP_20170313
Landuse/Landcover (LULC)\Future (2050) NYS Impervious Cover	NRNdata_LULC_IMP_20170313
Landuse/Landcover (LULC)\Current (2011) Regional Impervious Cover	NRNdata_LULC_IMP_20170313
NHD Plus Version 2 to NEAHC NHD Plus Version 1 Reach ID Crosswalk	NRNdata_StreamXwalks_20170313
NHD Plus Version 2 to USGS FishVIS/Aqua GAP Reach IDs Crosswalk	NRNdata_StreamXwalks_20170313
NHD Plus Version 2 to FW Resilience FCN BATNET IDs Crosswalk	NRNdata_StreamXwalks_20170313
Topography\Digital Elevation Model	http://gis.ny.gov/elevation/