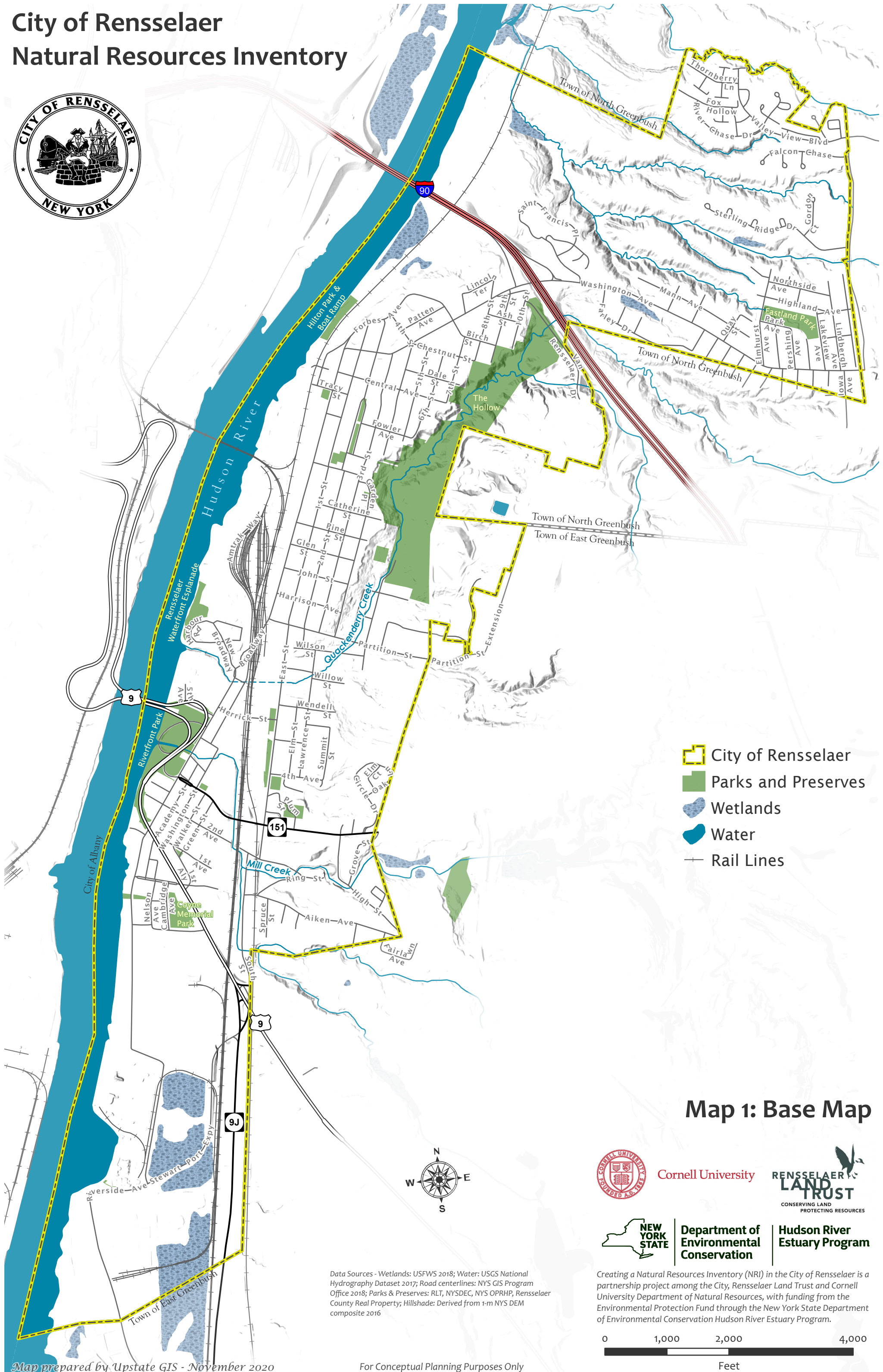


City of Rensselaer Natural Resources Inventory



- City of Rensselaer
- Parks and Preserves
- Wetlands
- Water
- Rail Lines

Map 1: Base Map



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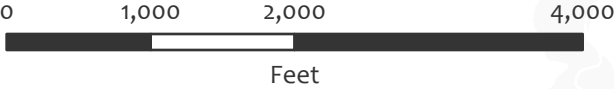


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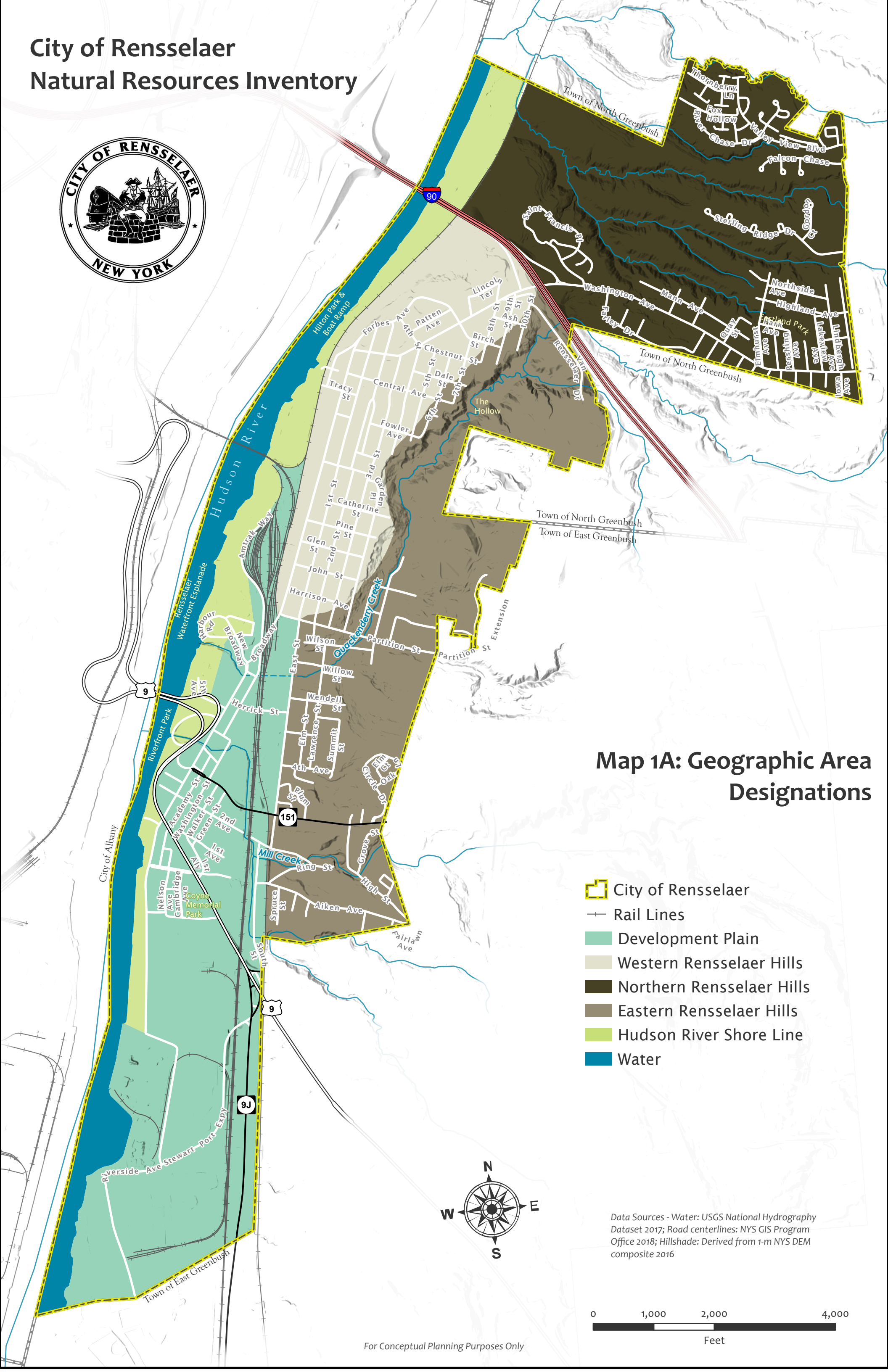
Data Sources - Wetlands: USFWS 2018; Water: USGS National Hydrography Dataset 2017; Road centerlines: NYS GIS Program Office 2018; Parks & Preserves: RLT, NYSDEC, NYS OPRHP, Rensselaer County Real Property; Hillshade: Derived from 1-m NYS DEM composite 2016

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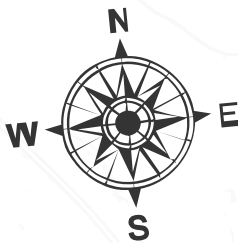
City of Rensselaer

Natural Resources Inventory

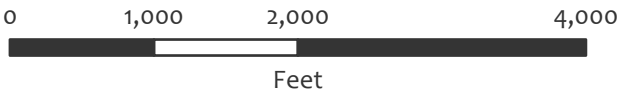


Map 1A: Geographic Area Designations

- City of Rensselaer
- Rail Lines
- Development Plain
- Western Rensselaer Hills
- Northern Rensselaer Hills
- Eastern Rensselaer Hills
- Hudson River Shore Line
- Water



Data Sources - Water: USGS National Hydrography Dataset 2017; Road centerlines: NYS GIS Program Office 2018; Hillshade: Derived from 1-m NYS DEM composite 2016

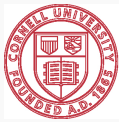


City of Rensselaer Natural Resources Inventory



- City of Rensselaer
- Parks and Preserves
- Wetlands
- Water
- Rail Lines

Map 2: Aerial View



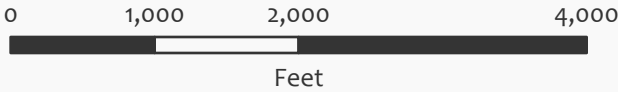
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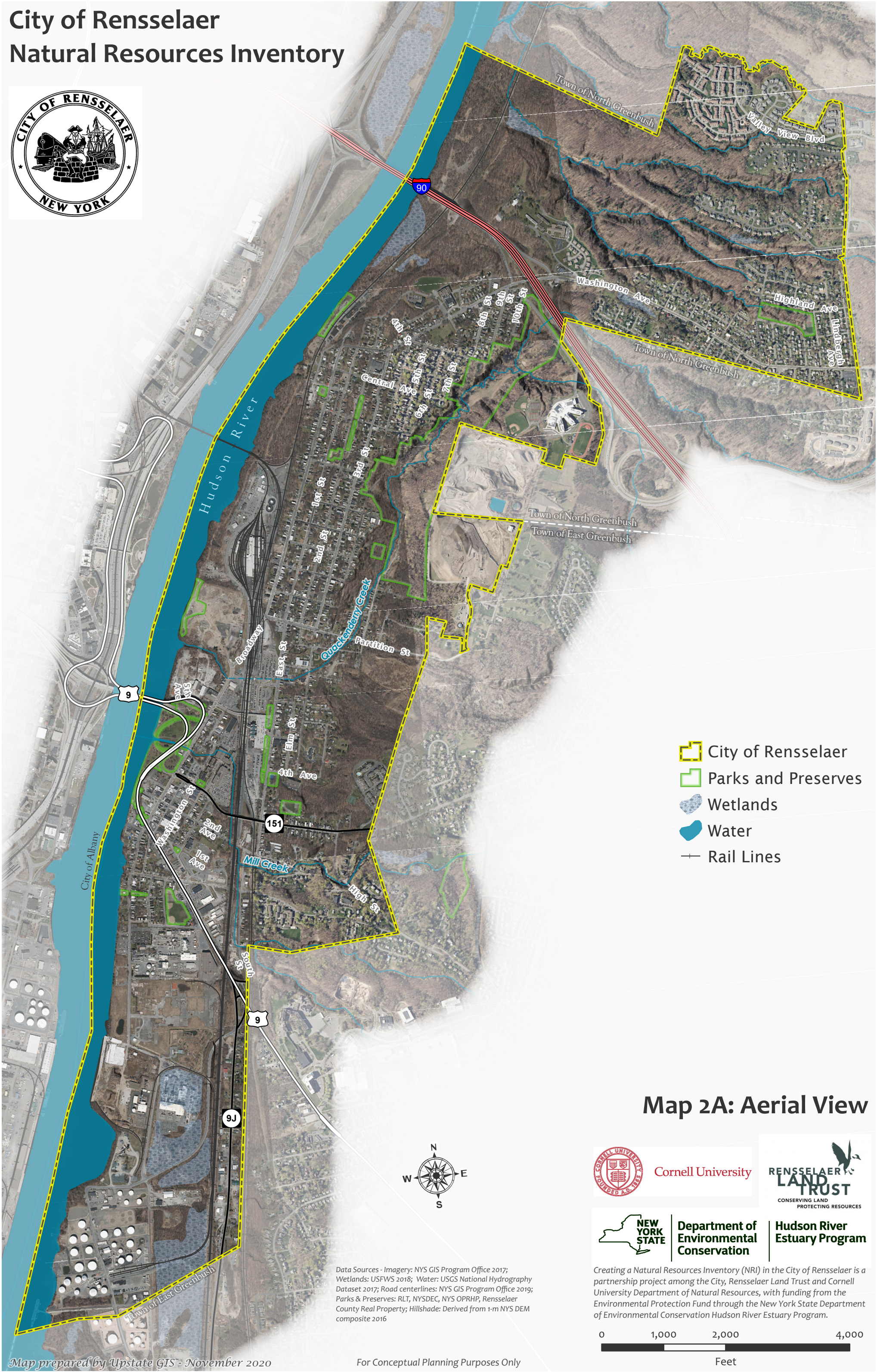
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Data Sources - Imagery: USDA NAIP 2019; Wetlands: USFWS 2018; Water: USGS National Hydrography Dataset 2017; Road centerlines: NYS GIS Program Office 2019; Parks & Preserves: RLT, NYSDEC, NYS OPRHP, Rensselaer County Real Property; Hillshade: Derived from 1-m NYS DEM composite 2016

City of Rensselaer Natural Resources Inventory



- City of Rensselaer
- Parks and Preserves
- Wetlands
- Water
- Rail Lines

Map 2A: Aerial View



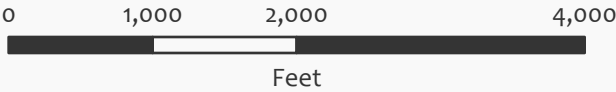
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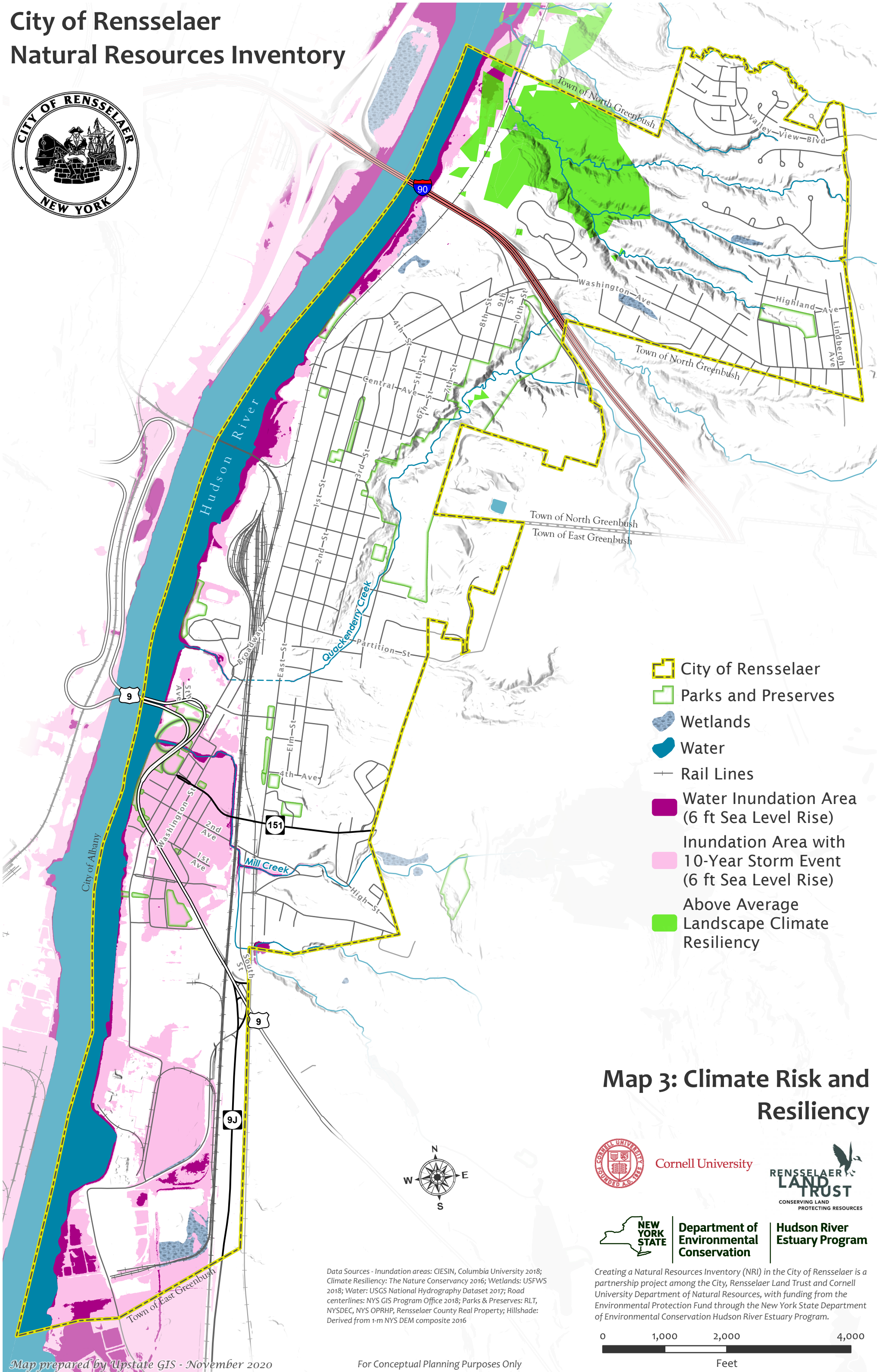
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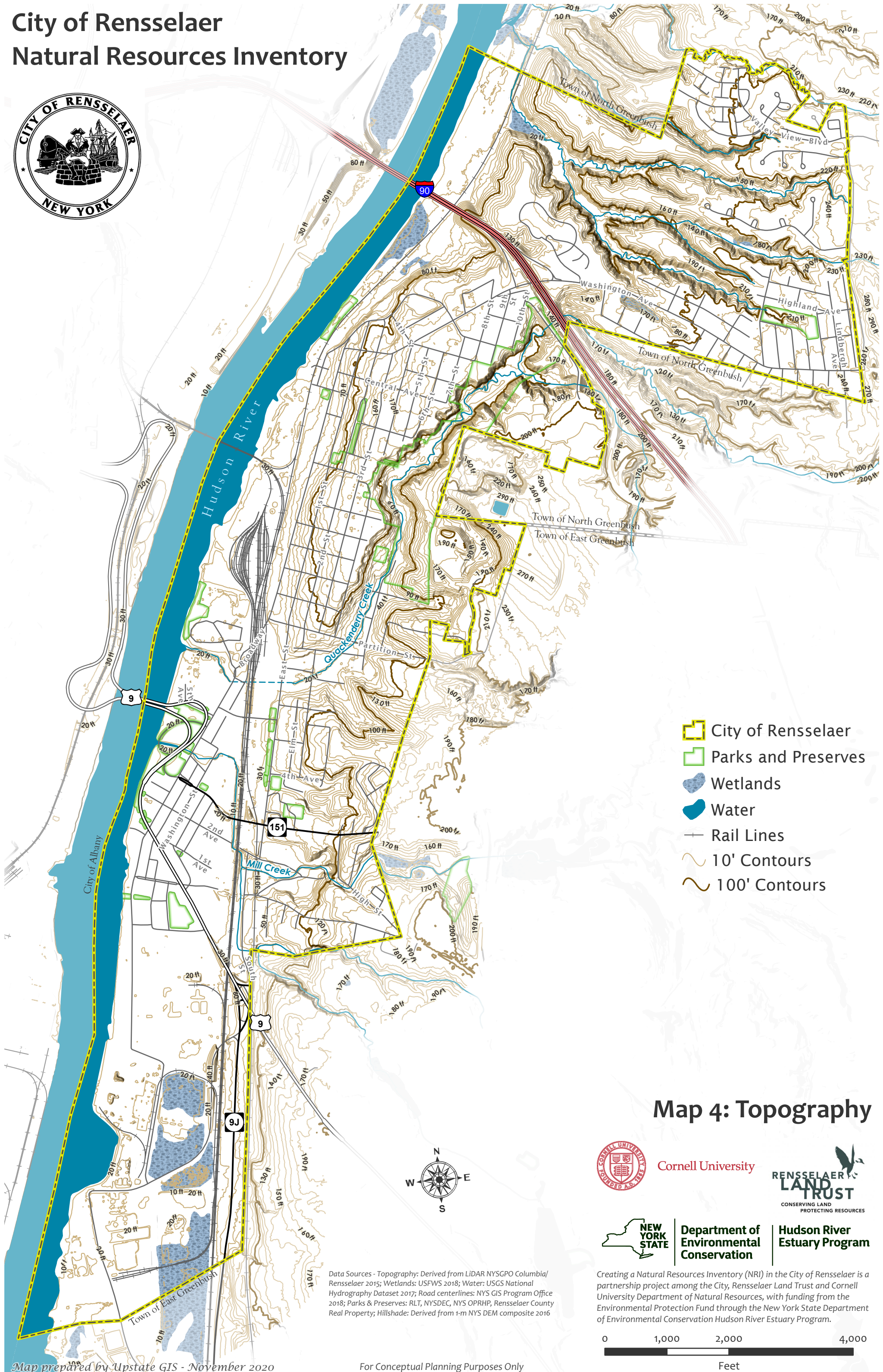


Data Sources - Imagery: NYS GIS Program Office 2017; Wetlands: USFWS 2018; Water: USGS National Hydrography Dataset 2017; Road centerlines: NYS GIS Program Office 2019; Parks & Preserves: RLT, NYSDEC, NYS OPRHP, Rensselaer County Real Property; Hillshade: Derived from 1-m NYS DEM composite 2016

City of Rensselaer Natural Resources Inventory

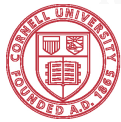


City of Rensselaer Natural Resources Inventory



- City of Rensselaer
- Parks and Preserves
- Wetlands
- Water
- Rail Lines
- 10' Contours
- 100' Contours

Map 4: Topography



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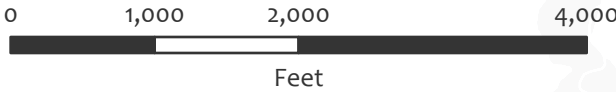


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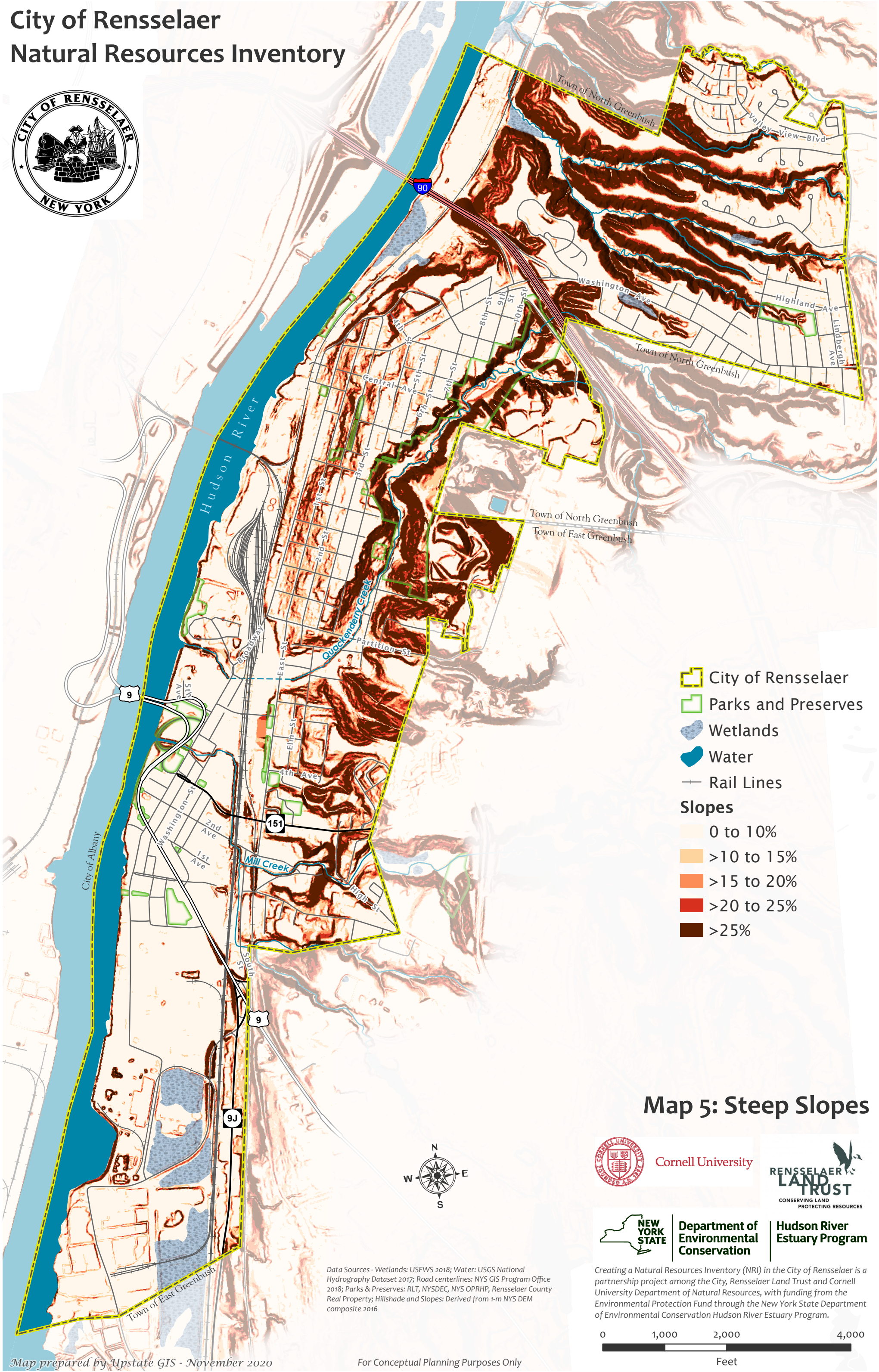
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Estuary Program

Data Sources - Topography: Derived from LIDAR NYSGPO Columbia/ Rensselaer 2015; Wetlands: USFWS 2018; Water: USGS National Hydrography Dataset 2017; Road centerlines: NYS GIS Program Office 2018; Parks & Preserves: RLT, NYSDEC, NYS OPRHP, Rensselaer County Real Property; Hillshade: Derived from 1-m NYS DEM composite 2016

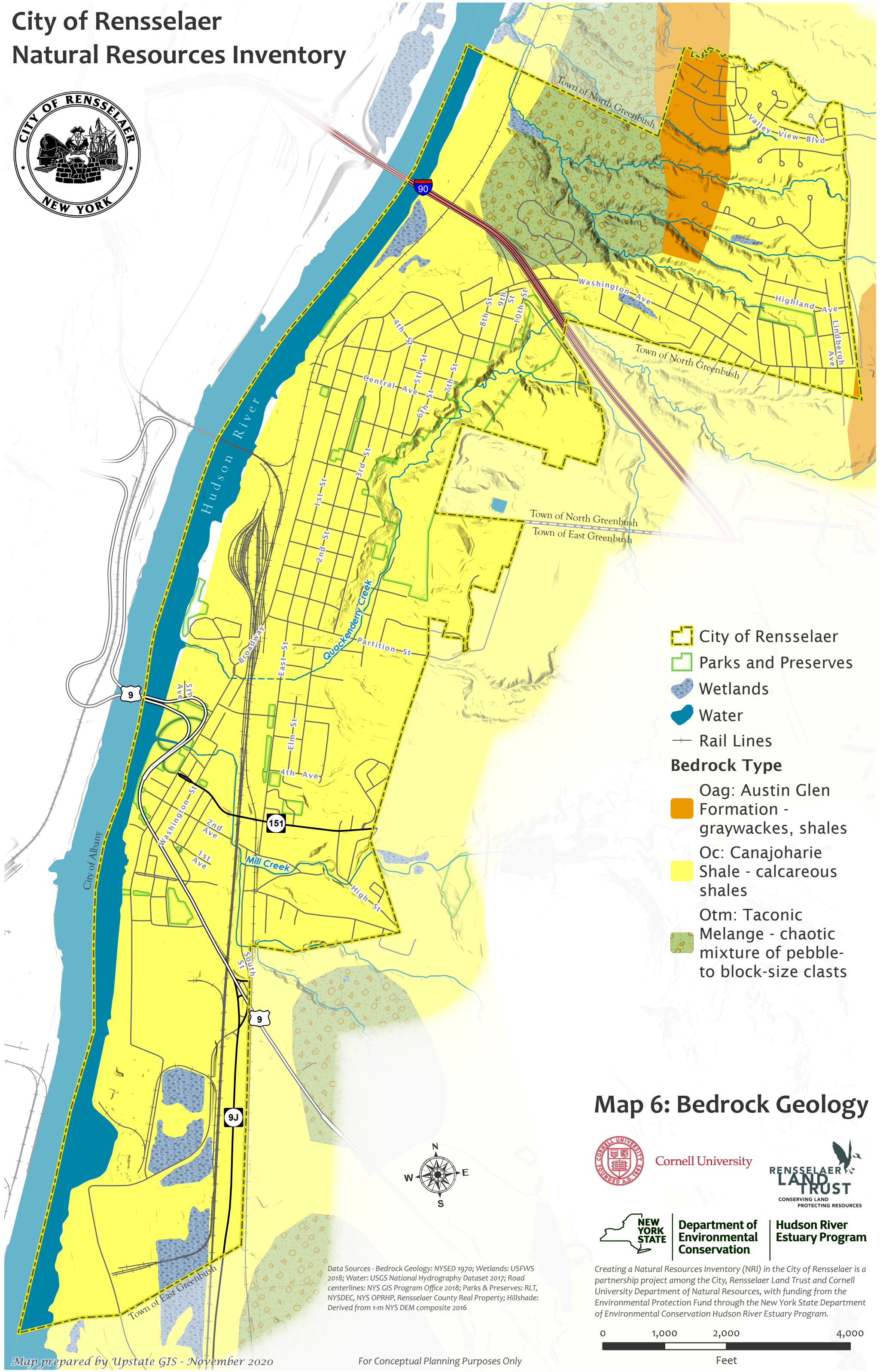
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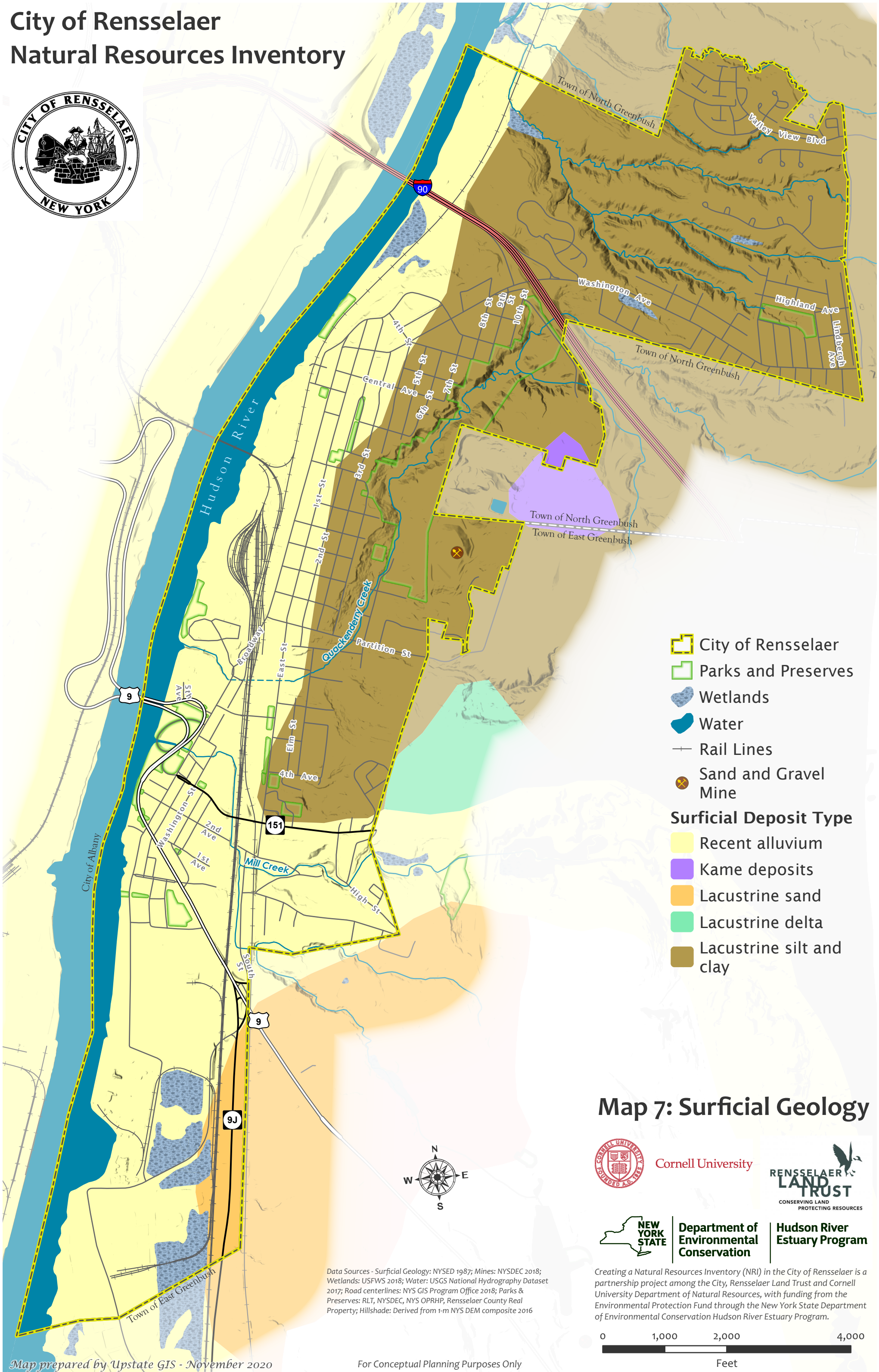
City of Rensselaer Natural Resources Inventory



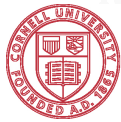
City of Rensselaer Natural Resources Inventory



City of Rensselaer Natural Resources Inventory



Map 7: Surficial Geology



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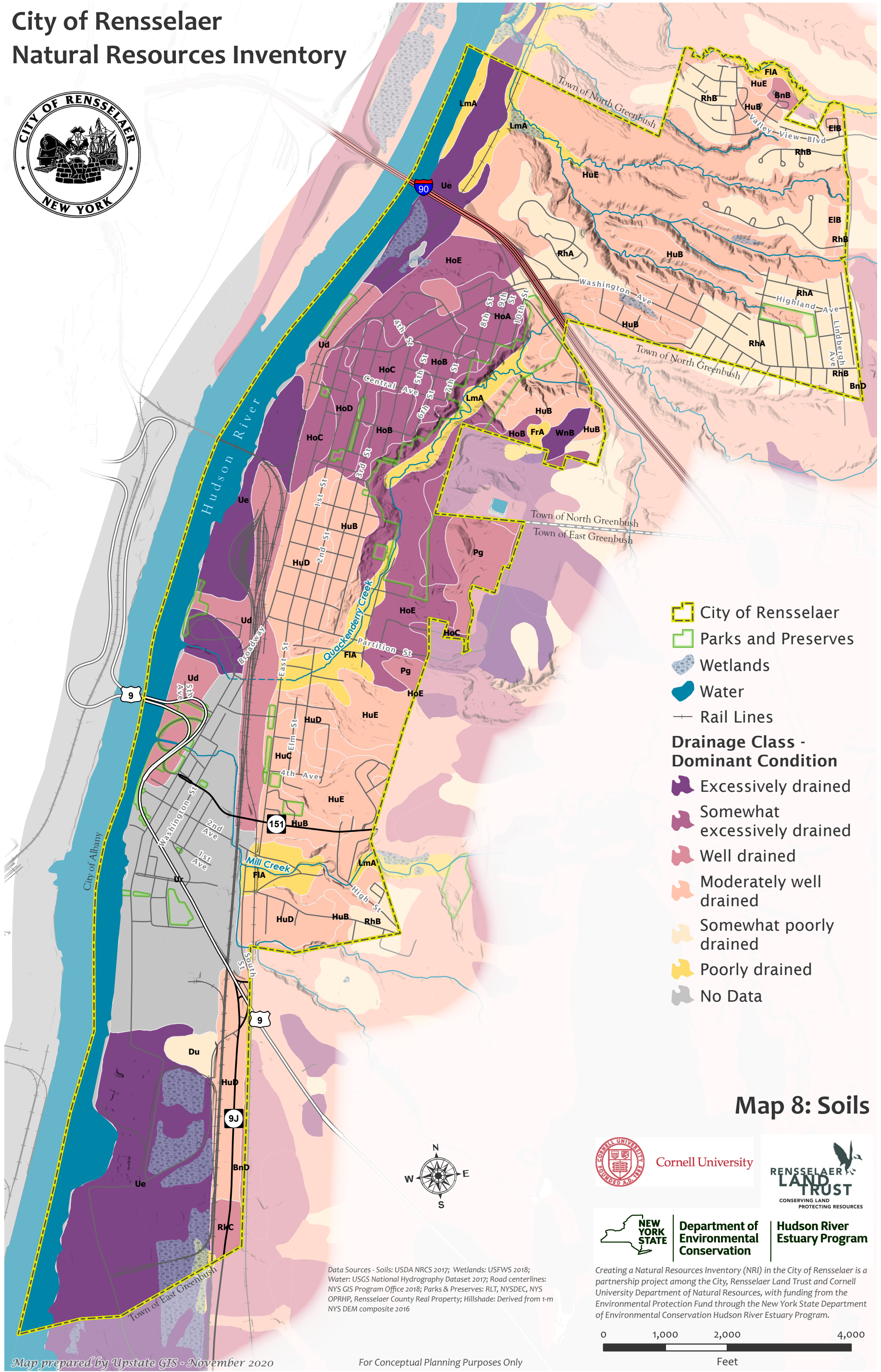
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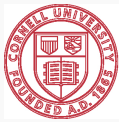
Data Sources - Surficial Geology: NYSED 1987; Mines: NYSDEC 2018; Wetlands: USFWS 2018; Water: USGS National Hydrography Dataset 2017; Road centerlines: NYS GIS Program Office 2018; Parks & Preserves: RLT, NYSDEC, NYS OPRHP, Rensselaer County Real Property; Hillshade: Derived from 1-m NYS DEM composite 2016

City of Rensselaer Natural Resources Inventory



- City of Rensselaer
- Parks and Preserves
- Wetlands
- Water
- Rail Lines
- Drainage Class - Dominant Condition**
- Excessively drained
- Somewhat excessively drained
- Well drained
- Moderately well drained
- Somewhat poorly drained
- Poorly drained
- No Data

Map 8: Soils



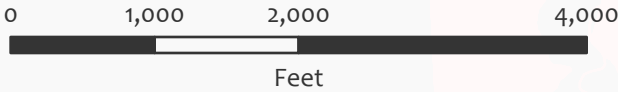
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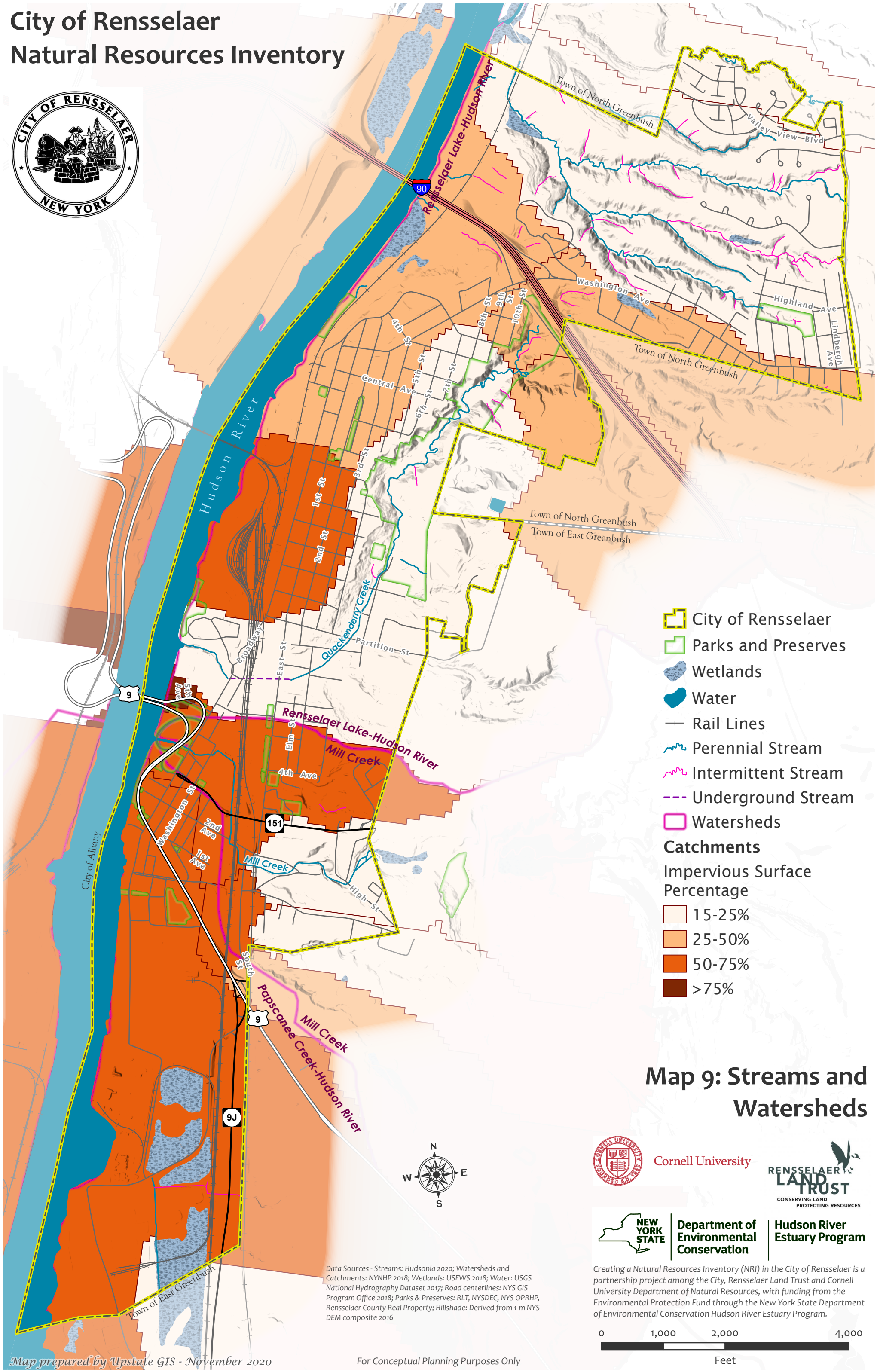
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Data Sources - Soils: USDA NRCS 2017; Wetlands: USFWS 2018; Water: USGS National Hydrography Dataset 2017; Road centerlines: NYS GIS Program Office 2018; Parks & Preserves: RLT, NYSDEC, NYS OPRHP, Rensselaer County Real Property; Hillshade: Derived from 1-m NYS DEM composite 2016

City of Rensselaer Natural Resources Inventory



Map 9: Streams and Watersheds



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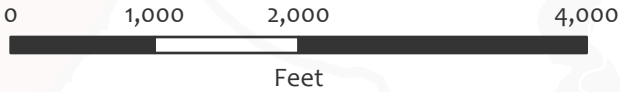


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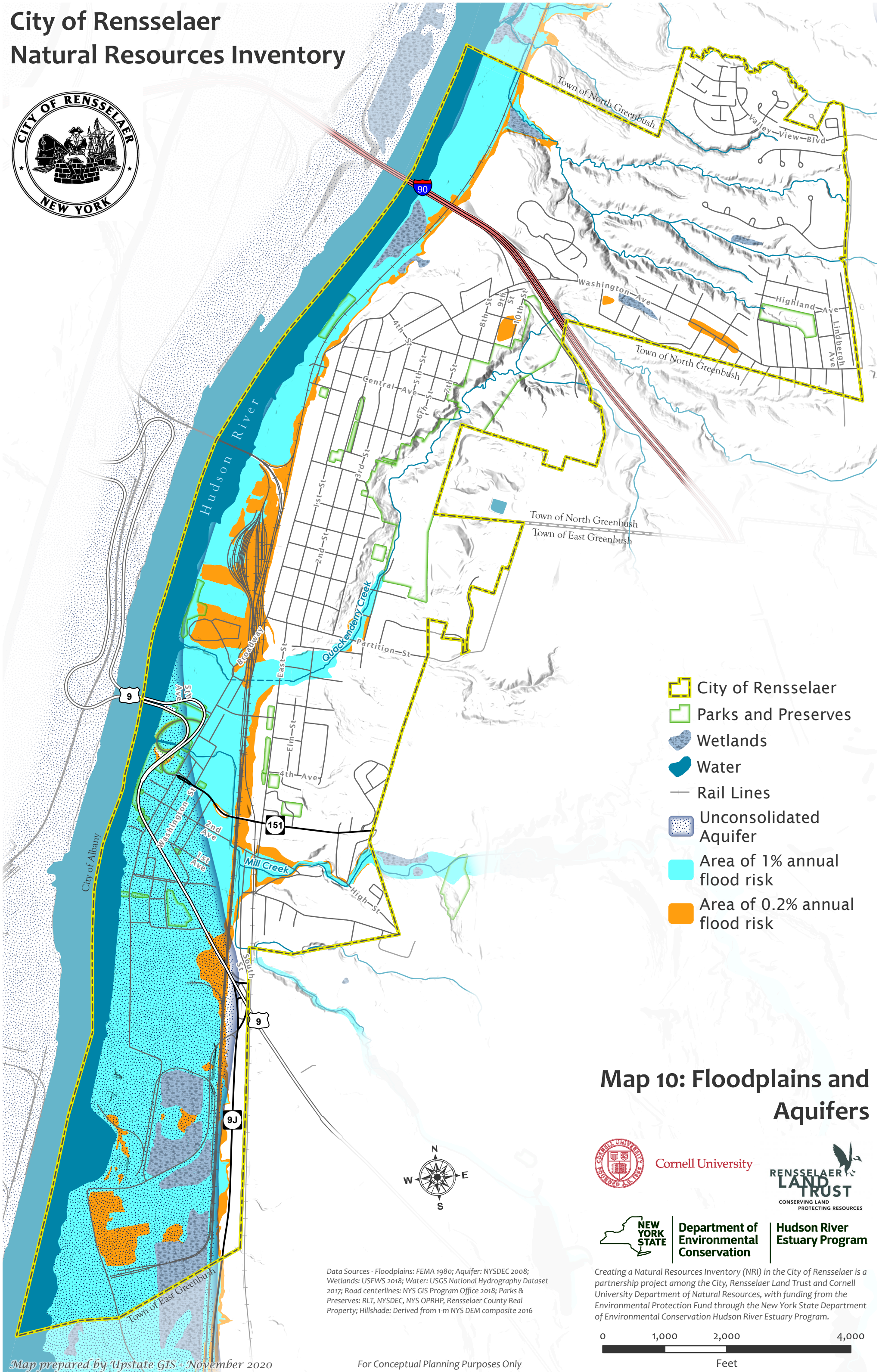
Hudson River
Estuary Program

Data Sources - Streams: Hudsonia 2020; Watersheds and Catchments: NYNHP 2018; Wetlands: USFWS 2018; Water: USGS National Hydrography Dataset 2017; Road centerlines: NYS GIS Program Office 2018; Parks & Preserves: RLT, NYSDEC, NYS OPRHP, Rensselaer County Real Property; Hillshade: Derived from 1-m NYS DEM composite 2016

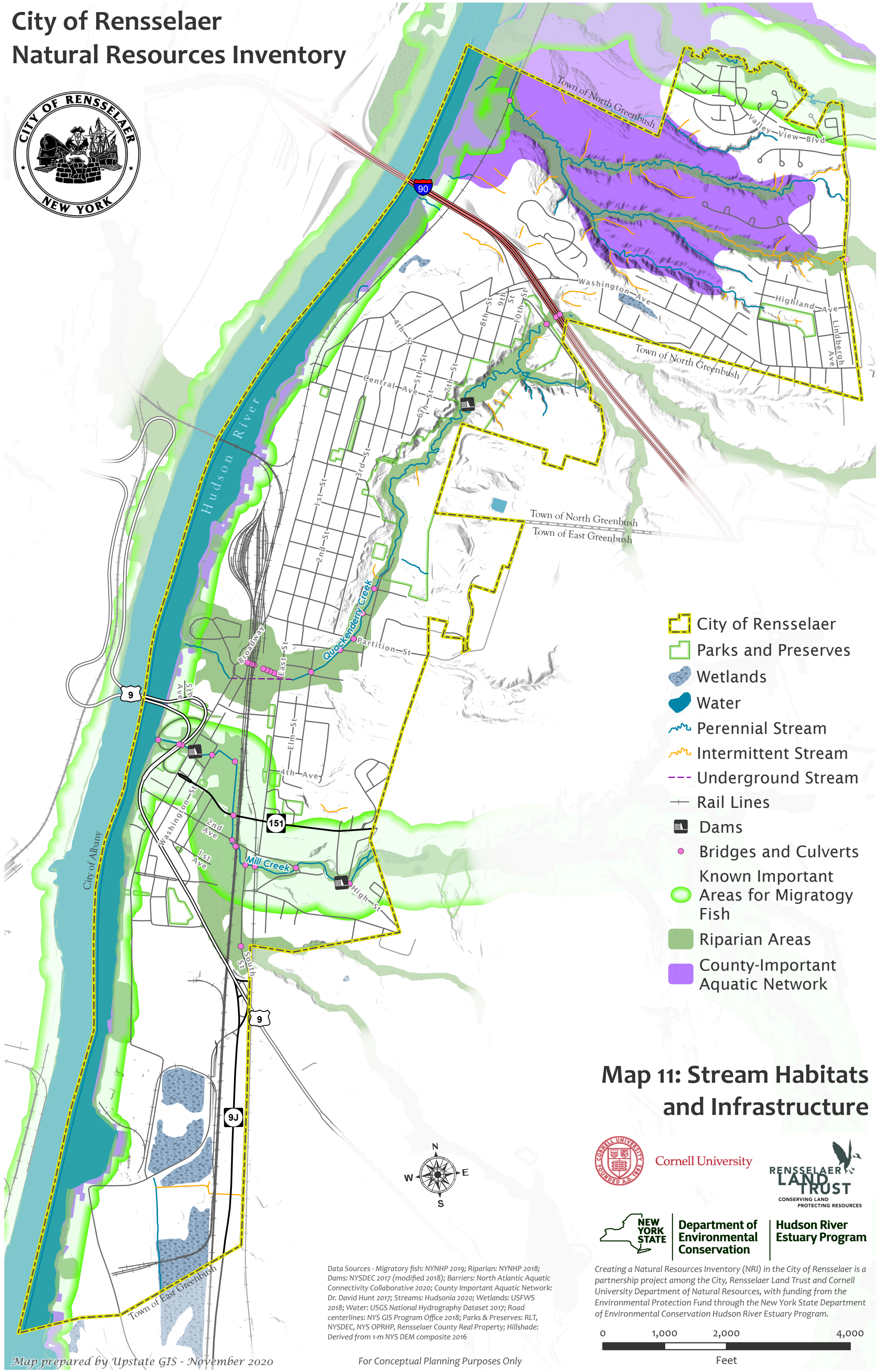
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City of Rensselaer Natural Resources Inventory



City of Rensselaer Natural Resources Inventory



- City of Rensselaer
- Parks and Preserves
- Wetlands
- Water
- Perennial Stream
- Intermittent Stream
- Underground Stream
- Rail Lines
- Dams
- Bridges and Culverts
- Known Important Areas for Migratory Fish
- Riparian Areas
- County-Important Aquatic Network

Map 11: Stream Habitats and Infrastructure



Cornell University

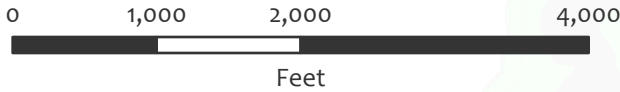


Department of Environmental Conservation

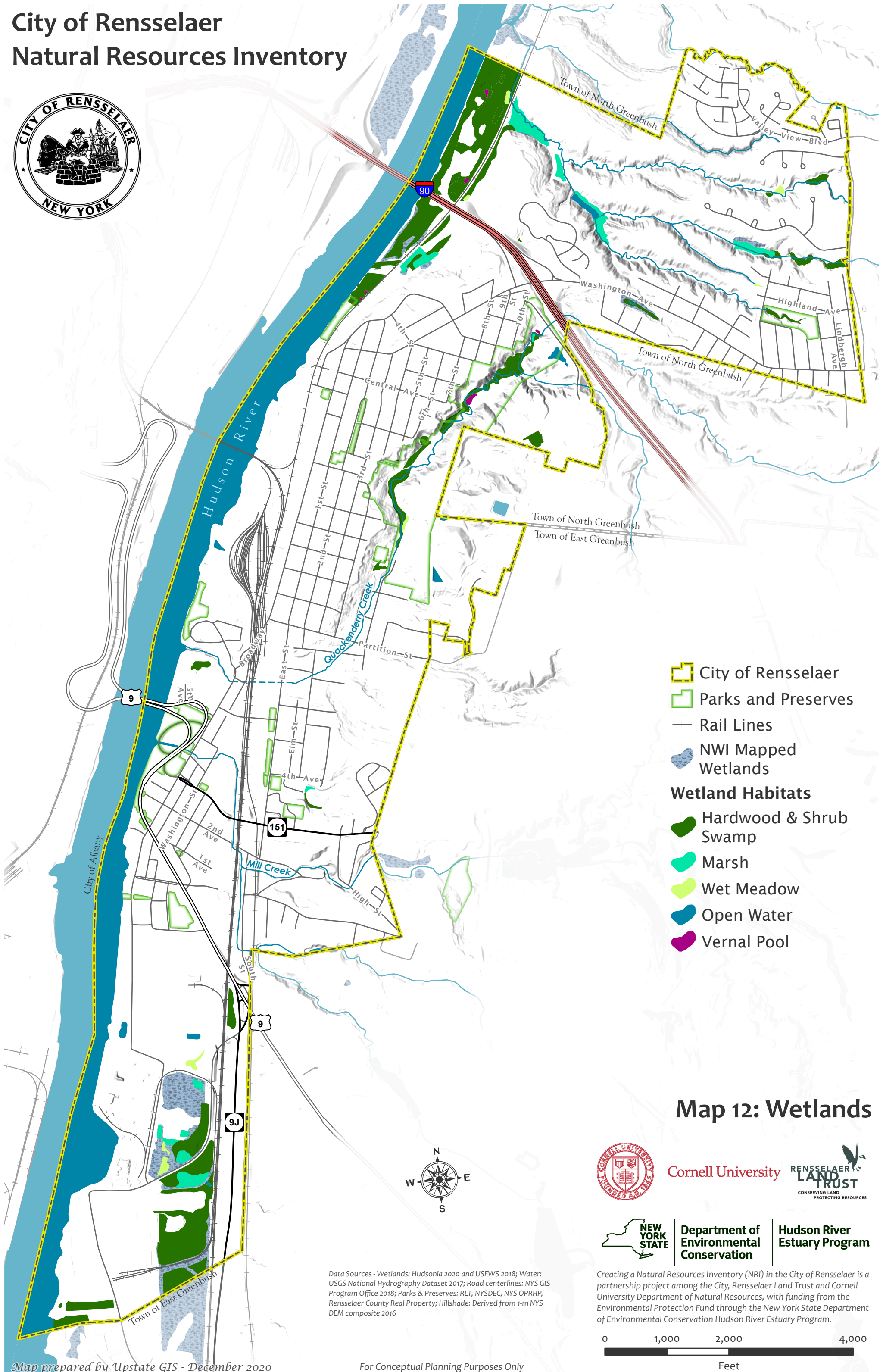
Hudson River Estuary Program

Data Sources - Migratory fish: NYNHP 2019; Riparian: NYNHP 2018; Dams: NYSDEC 2017 (modified 2018); Barriers: North Atlantic Aquatic Connectivity Collaborative 2020; County Important Aquatic Network: Dr. David Hunt 2017; Streams: Hudsonia 2020; Wetlands: USFWS 2018; Water: USGS National Hydrography Dataset 2017; Road centerlines: NYS GIS Program Office 2018; Parks & Preserves: RLT, NYSDEC, NYS OPRHP, Rensselaer County Real Property; Hillshade: Derived from 1-m NYS DEM composite 2016

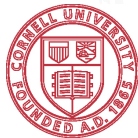
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City of Rensselaer Natural Resources Inventory



Map 12: Wetlands



Cornell University

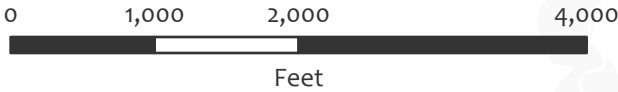


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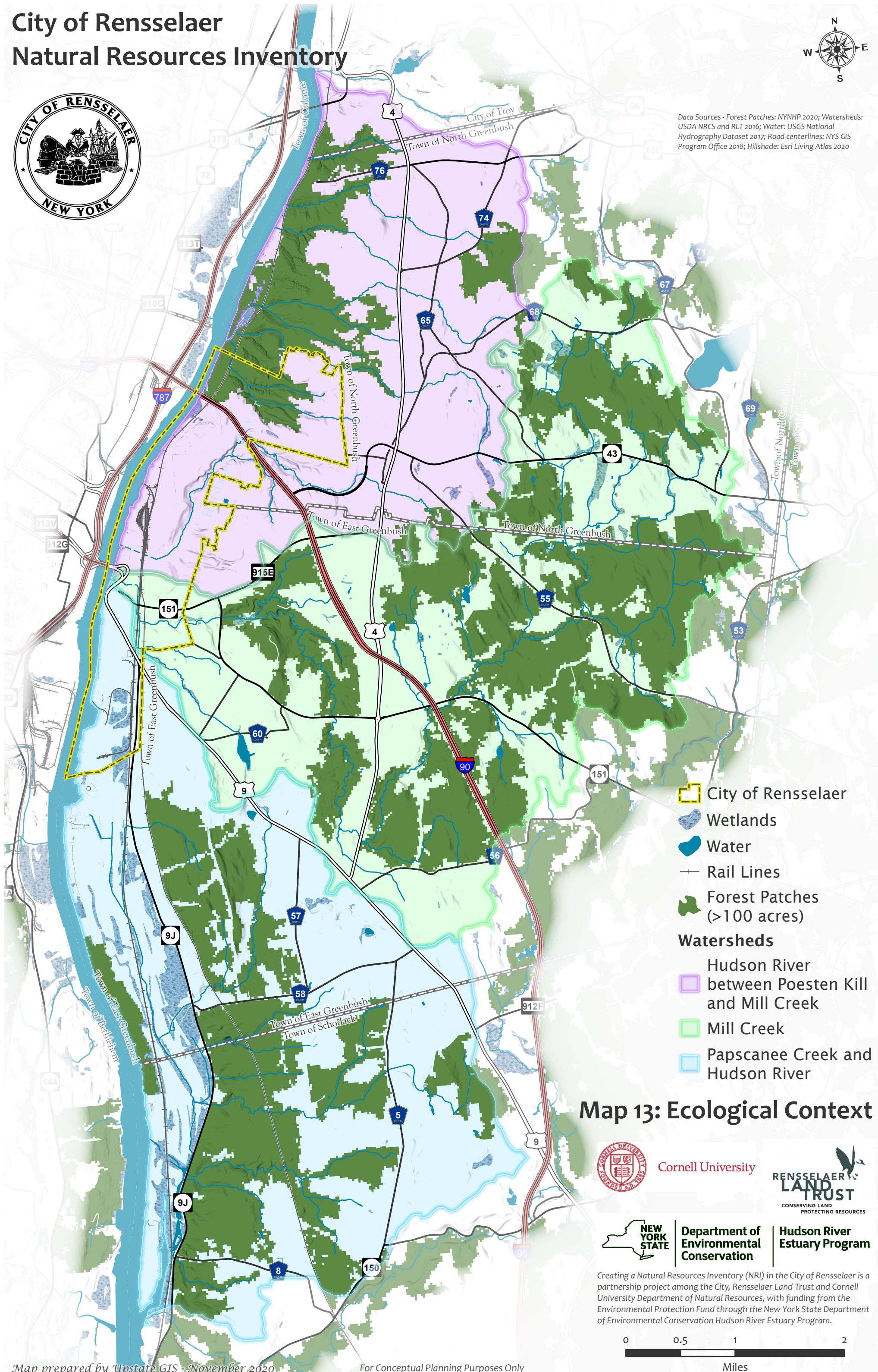
Data Sources - Wetlands: Hudsonia 2020 and USFWS 2018; Water: USGS National Hydrography Dataset 2017; Road centerlines: NYS GIS Program Office 2018; Parks & Preserves: RLT, NYSDEC, NYS OPRHP, Rensselaer County Real Property; Hillshade: Derived from 1-m NYS DEM composite 2016

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Data Sources - Forest Patches: NYNHP 2020; Watersheds: USDA NRCS and RLT 2016; Water: USGS National Hydrography Dataset 2017; Road centerlines: NYS GIS Program Office 2018; Hillshade: Esri Living Atlas 2020



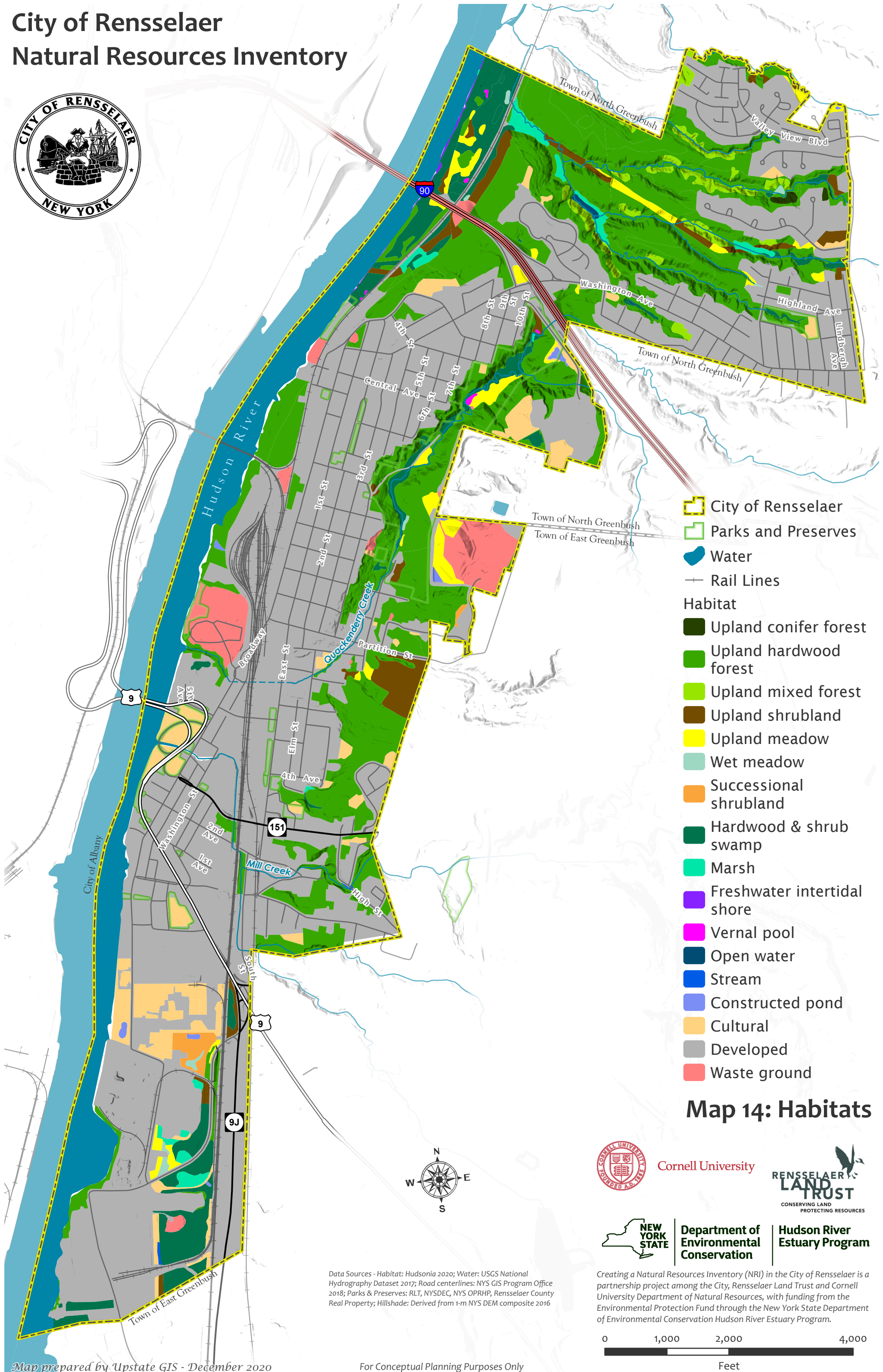
Map prepared by Upstate GIS - November 2020

For Conceptual Planning Purposes Only

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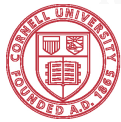
A horizontal scale bar with a black background. It has white tick marks at 0, 0.5, and 1. The word "Miles" is written in white below the bar.

City of Rensselaer Natural Resources Inventory



- City of Rensselaer
- Parks and Preserves
- Water
- Rail Lines
- Habitat
 - Upland conifer forest
 - Upland hardwood forest
 - Upland mixed forest
 - Upland shrubland
 - Upland meadow
 - Wet meadow
 - Successional shrubland
 - Hardwood & shrub swamp
 - Marsh
 - Freshwater intertidal shore
 - Vernal pool
 - Open water
 - Stream
 - Constructed pond
 - Cultural
 - Developed
 - Waste ground

Map 14: Habitats



Cornell University

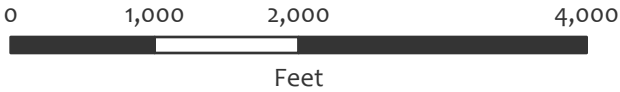


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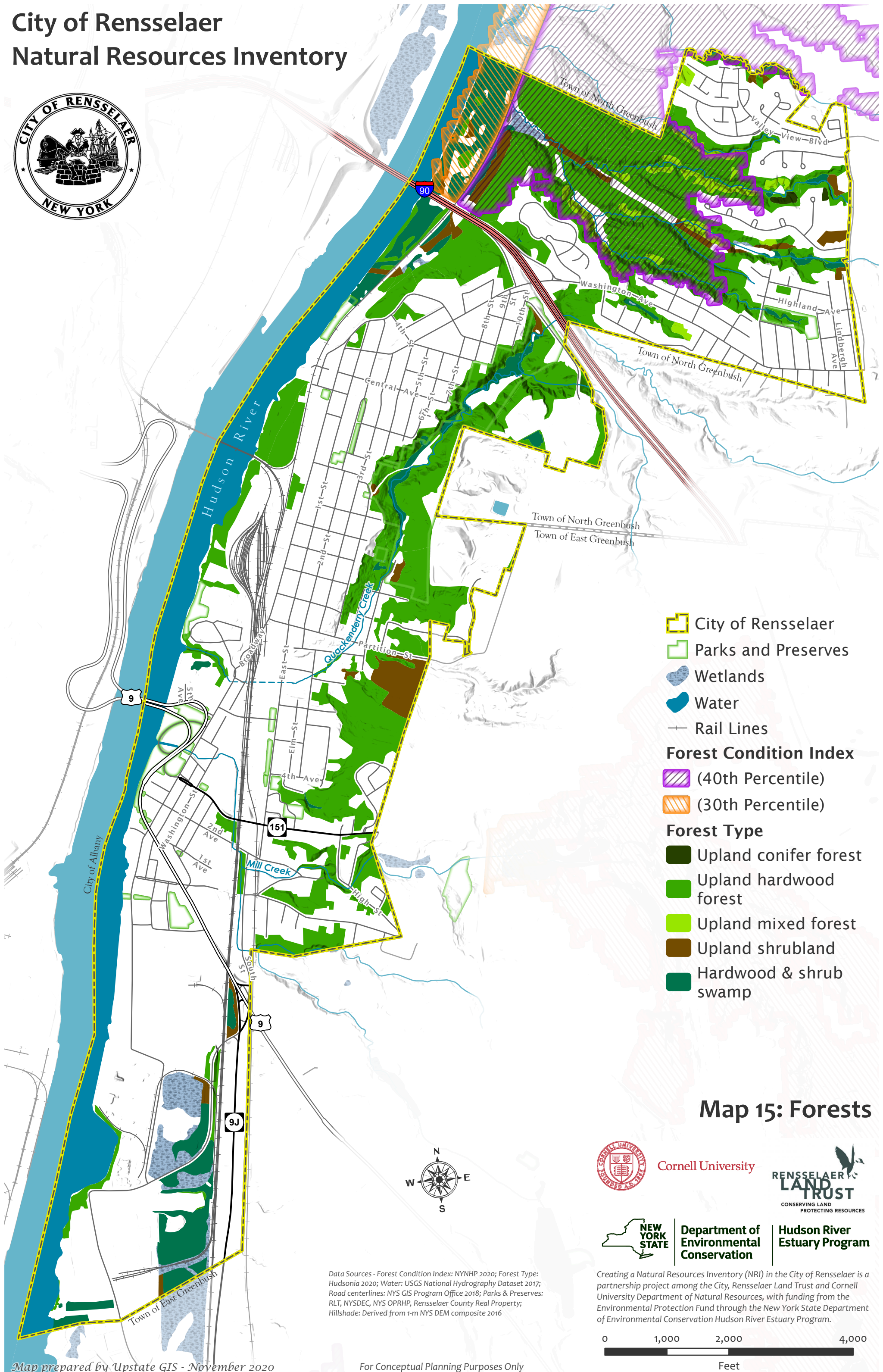
Hudson River
Estuary Program

Data Sources - Habitat: Hudsonia 2020; Water: USGS National Hydrography Dataset 2017; Road centerlines: NYS GIS Program Office 2018; Parks & Preserves: RLT, NYSDEC, NYS OPRHP, Rensselaer County Real Property; Hillshade: Derived from 1-m NYS DEM composite 2016

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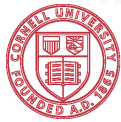


City of Rensselaer Natural Resources Inventory



- City of Rensselaer
- Parks and Preserves
- Wetlands
- Water
- Rail Lines
- Forest Condition Index**
 - (40th Percentile)
 - (30th Percentile)
- Forest Type**
 - Upland conifer forest
 - Upland hardwood forest
 - Upland mixed forest
 - Upland shrubland
 - Hardwood & shrub swamp

Map 15: Forests



Cornell University

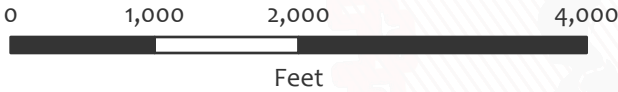


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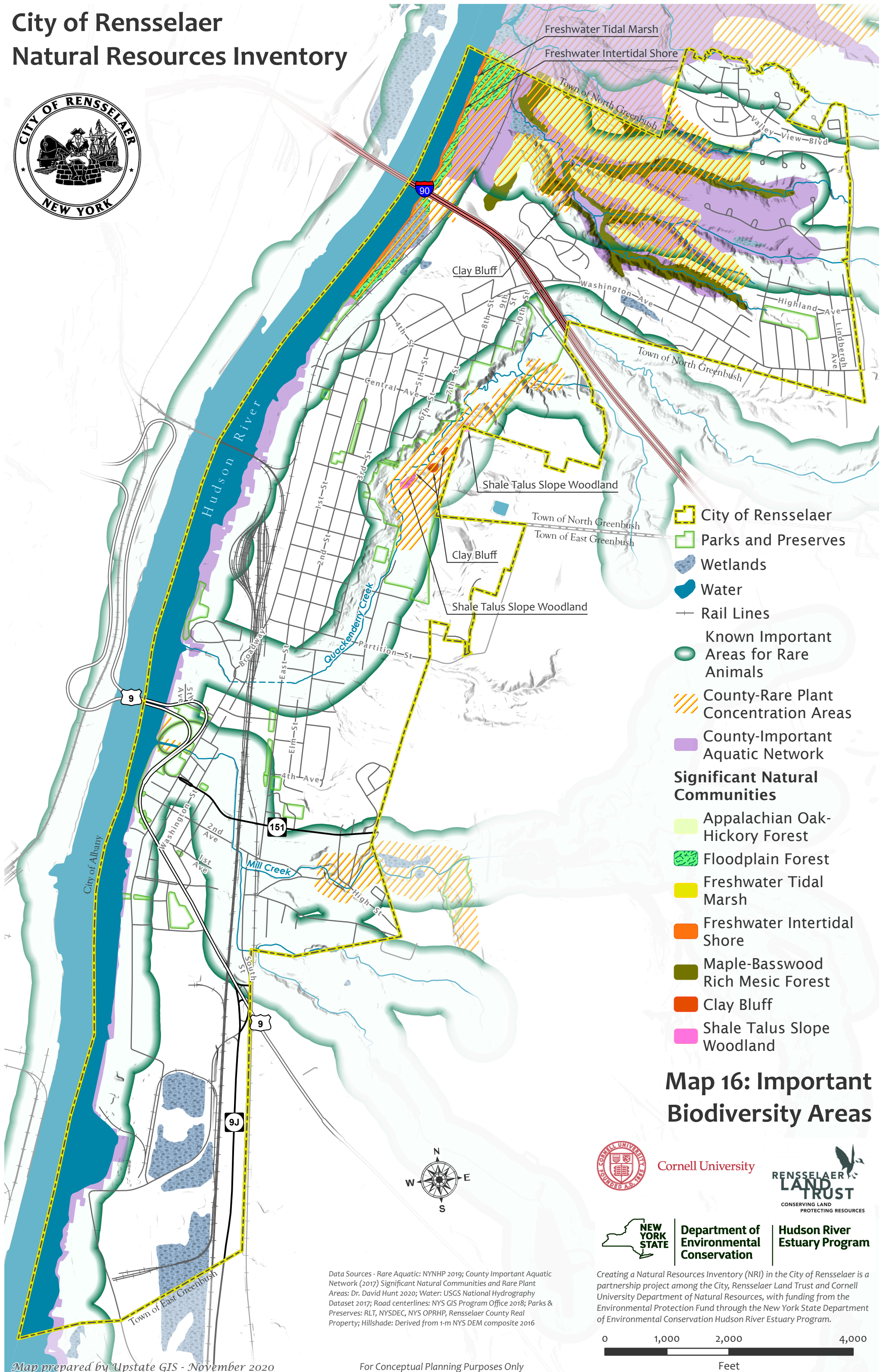
Hudson River
Estuary Program

Data Sources - Forest Condition Index: NYNHP 2020; Forest Type: Hudsonia 2020; Water: USGS National Hydrography Dataset 2017; Road centerlines: NYS GIS Program Office 2018; Parks & Preserves: RLT, NYSDEC, NYS OPRHP, Rensselaer County Real Property; Hillshade: Derived from 1-m NYS DEM composite 2016

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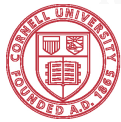


City of Rensselaer Natural Resources Inventory



- City of Rensselaer
- Parks and Preserves
- Wetlands
- Water
- Rail Lines
- Known Important Areas for Rare Animals
- County-Rare Plant Concentration Areas
- County-Important Aquatic Network
- Significant Natural Communities**
 - Appalachian Oak-Hickory Forest
 - Floodplain Forest
 - Freshwater Tidal Marsh
 - Freshwater Intertidal Shore
 - Maple-Basswood Rich Mesic Forest
 - Clay Bluff
 - Shale Talus Slope Woodland

Map 16: Important Biodiversity Areas



Cornell University

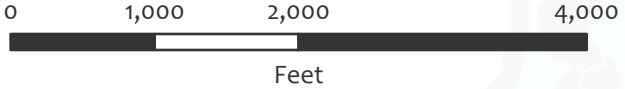


Department of Environmental Conservation

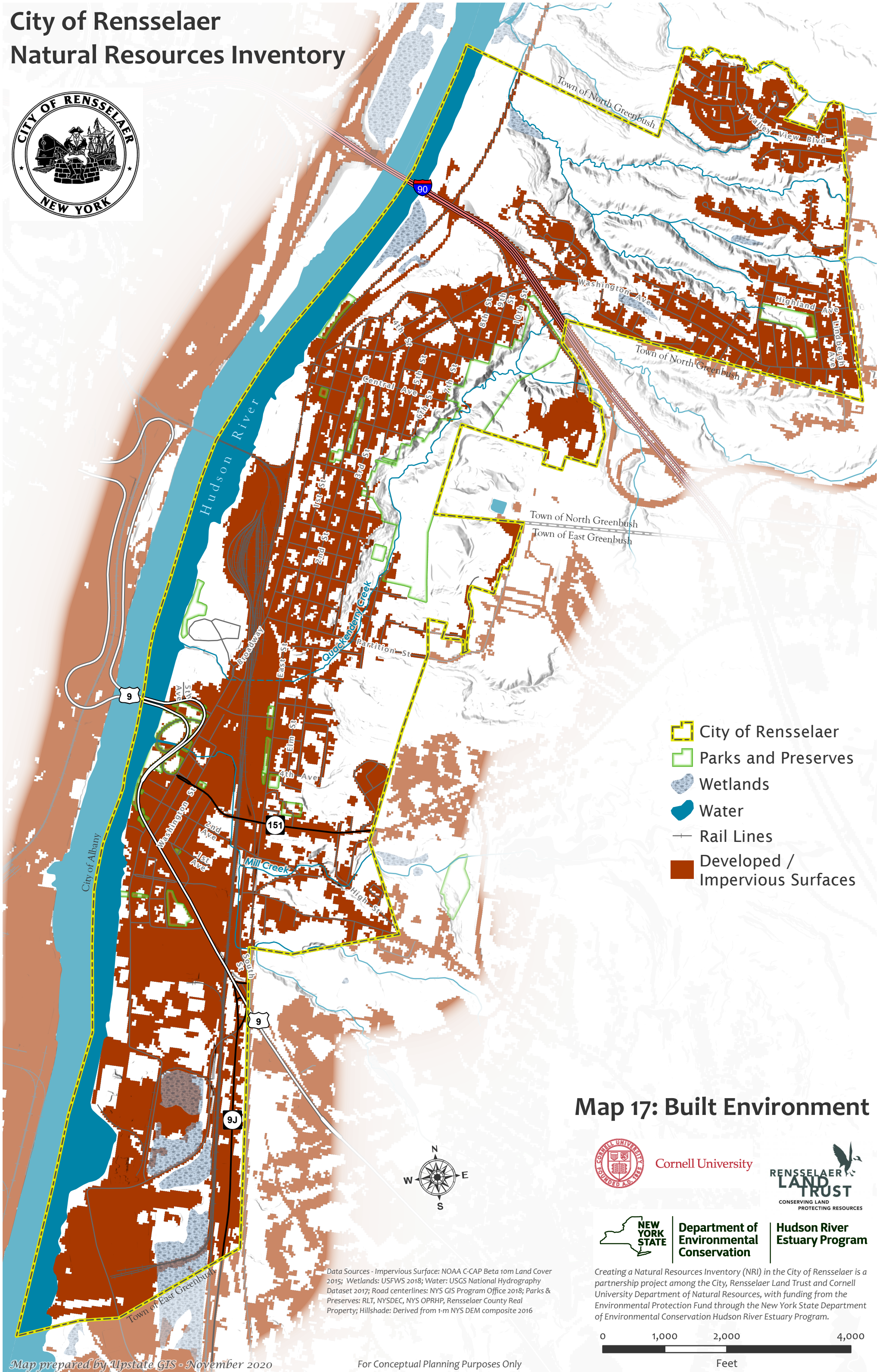
Hudson River Estuary Program

Data Sources - Rare Aquatic: NYNHP 2019; County Important Aquatic Network (2017) Significant Natural Communities and Rare Plant Areas: Dr. David Hunt 2020; Water: USGS National Hydrography Dataset 2017; Road centerlines: NYS GIS Program Office 2018; Parks & Preserves: RLT, NYSDEC, NYS OPRHP, Rensselaer County Real Property; Hillshade: Derived from 1-m NYS DEM composite 2016

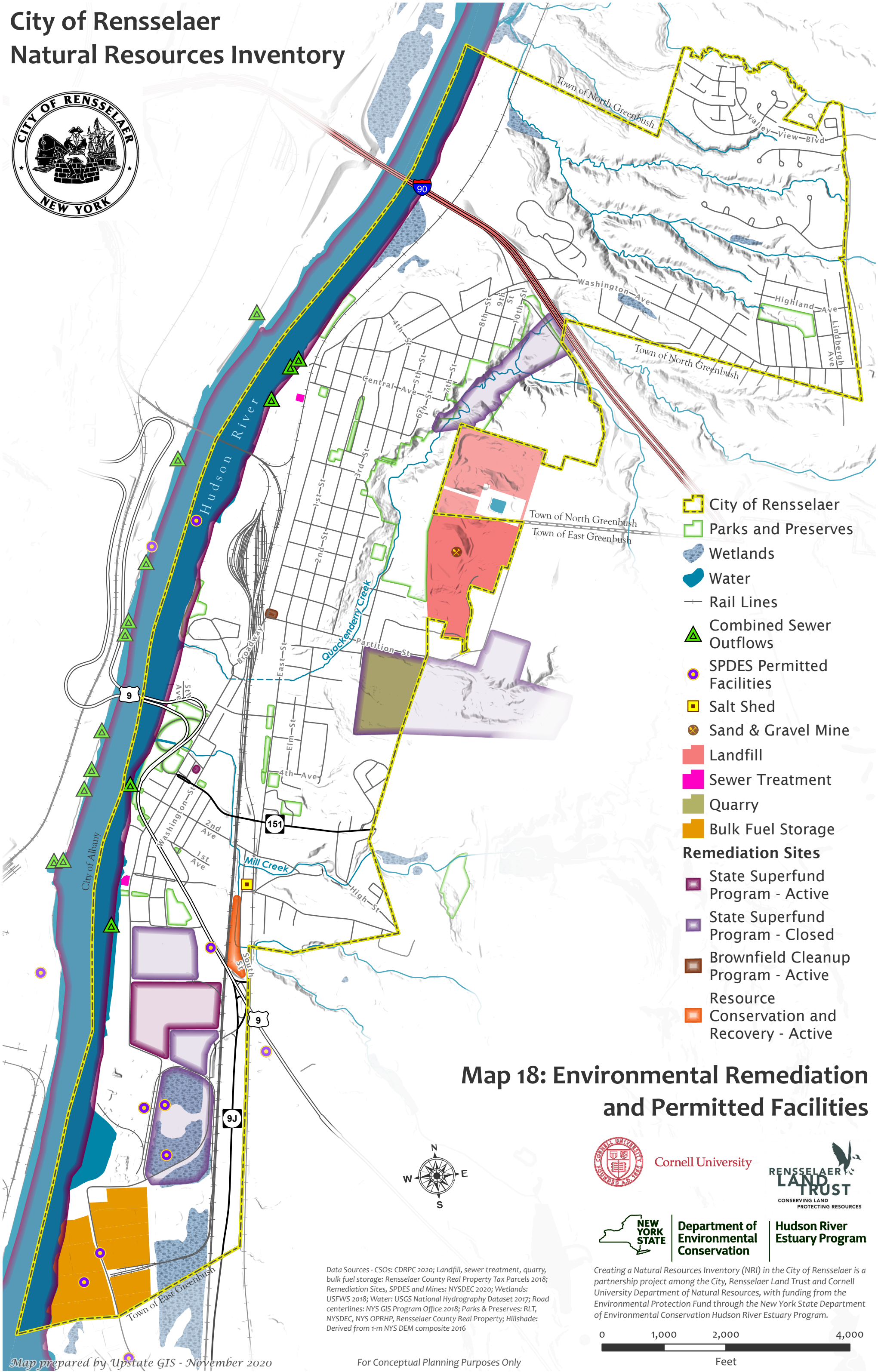
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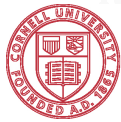
City of Rensselaer Natural Resources Inventory



City of Rensselaer Natural Resources Inventory



Map 18: Environmental Remediation and Permitted Facilities



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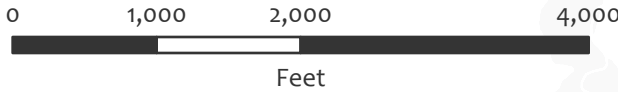


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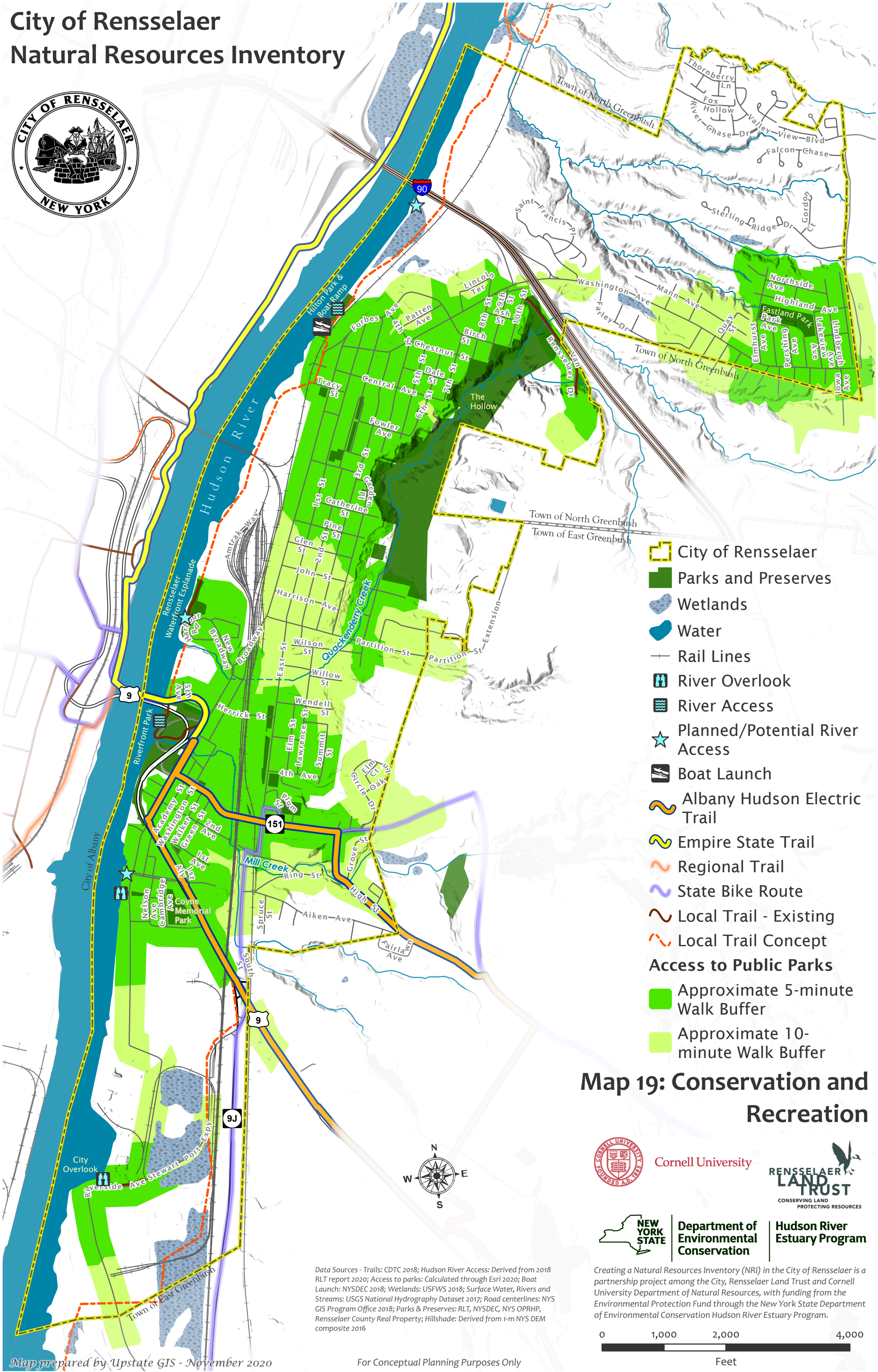
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Data Sources - CSOs: CDRPC 2020; Landfill, sewer treatment, quarry, bulk fuel storage: Rensselaer County Real Property Tax Parcels 2018; Remediation Sites, SPDES and Mines: NYSDEC 2020; Wetlands: USFWS 2018; Water: USGS National Hydrography Dataset 2017; Road centerlines: NYS GIS Program Office 2018; Parks & Preserves: RLT, NYSDEC, NYS OPRHP, Rensselaer County Real Property; Hillshade: Derived from 1-m NYS DEM composite 2016

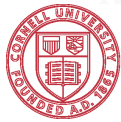
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City of Rensselaer Natural Resources Inventory



Map 19: Conservation and Recreation



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Data Sources - Trails: CDTC 2018; Hudson River Access: Derived from 2018 RLT report 2020; Access to parks: Calculated through Esri 2020; Boat Launch: NYSDEC 2018; Wetlands: USFWS 2018; Surface Water, Rivers and Streams: USGS National Hydrography Dataset 2017; Road centerlines: NYS GIS Program Office 2018; Parks & Preserves: RLT, NYSDEC, NYS OPRHP, Rensselaer County Real Property; Hillshade: Derived from 1-m NYS DEM composite 2016

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