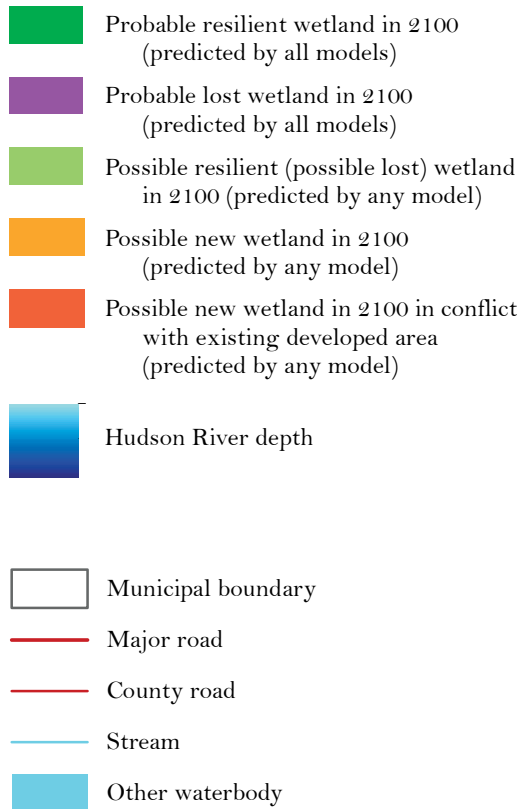


35 Tidal Wetland Resilience



Data Sources: Wetland resilience data from the Sea Level Affecting Marshes Model (SLAMM), Scenic Hudson, 2015, available from gis.ny.gov. SLAMM was used to compare projections of tidal wetlands in the Hudson River estuary across two sea level rise (SLR) rate scenarios and three accretion models (six models total; described in Tabak et al. [2016]). Data portrayed are from "wetland_resilience_composite" and "wetland_loss_composite" files. Streams and waterbodies data from the National Hydrography Dataset, US Geological Survey, 2013, available from nhd.usgs.gov. For roads and boundaries data sources see Figure 1. Map created by Hudsonia Ltd., Annandale, NY.

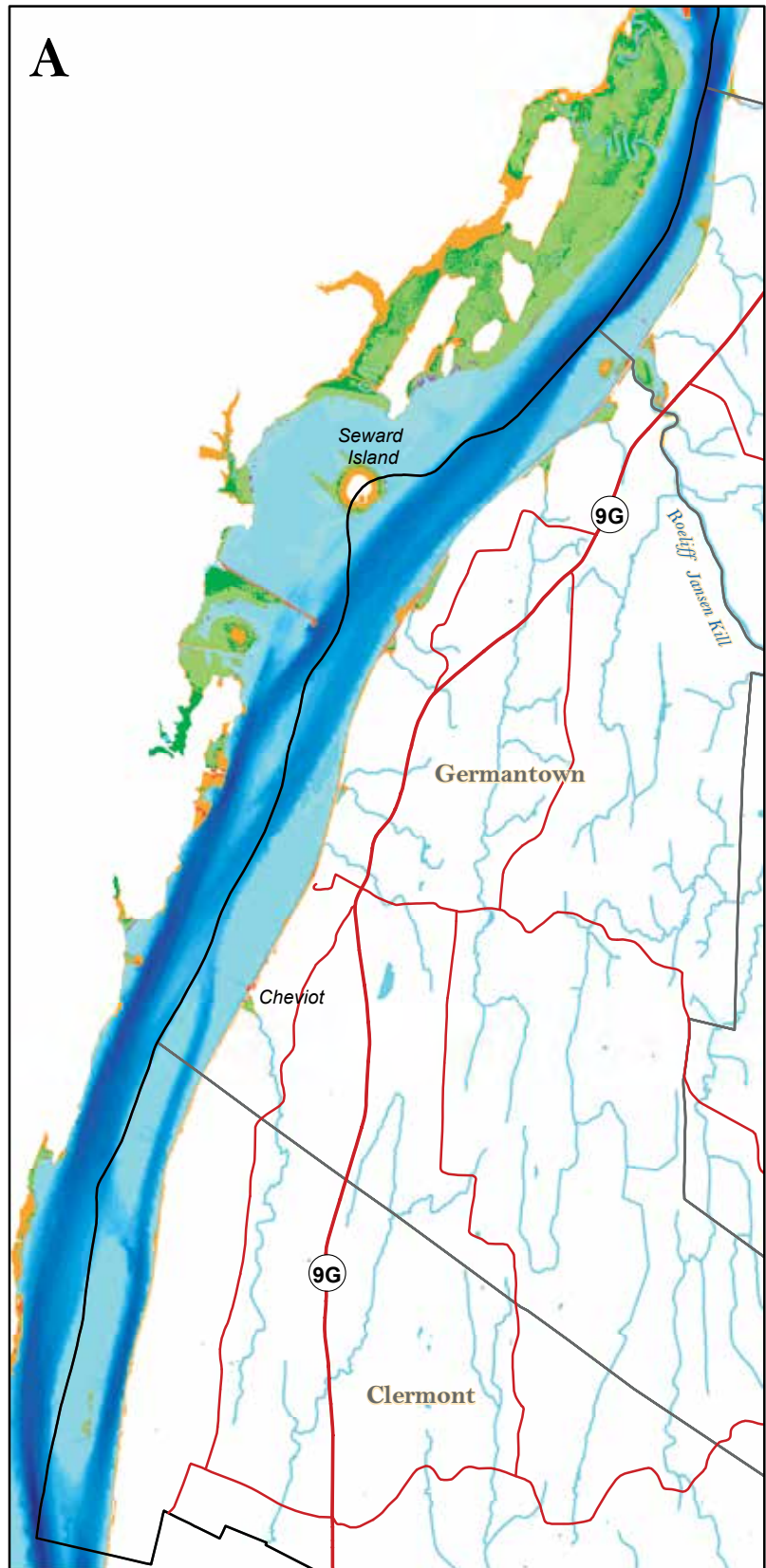


Figure 35. Hudson River estuary tidal wetland resilience and loss predicted in Columbia County, New York, by 2100. Resilient wetlands are those predicted to persist in some form until 2100. Map sections shown from south (A) to north (C). Columbia County Natural Resources Inventory, 2018.