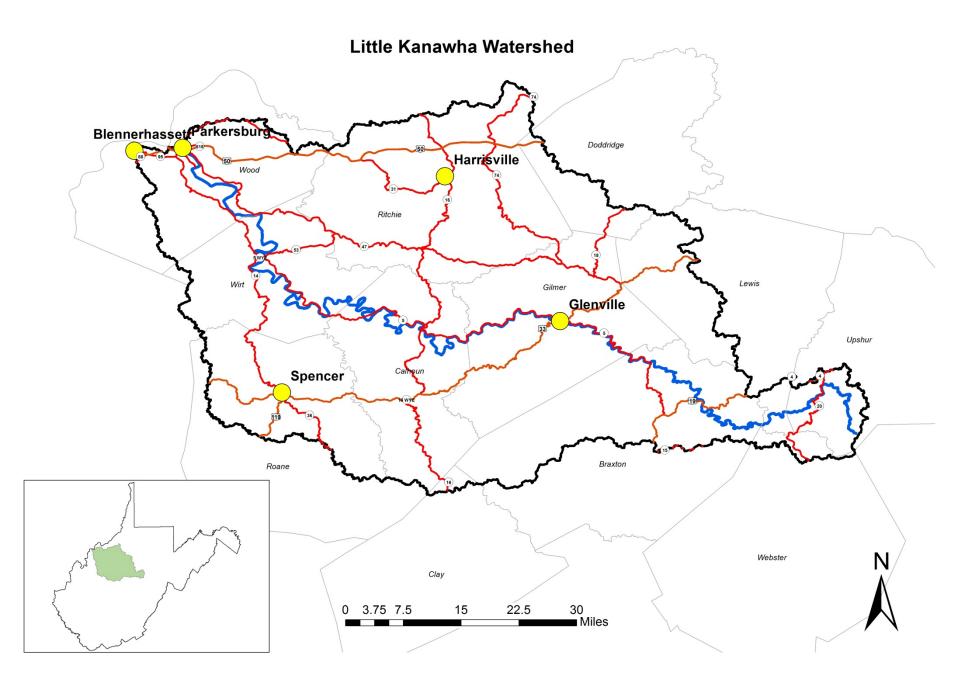
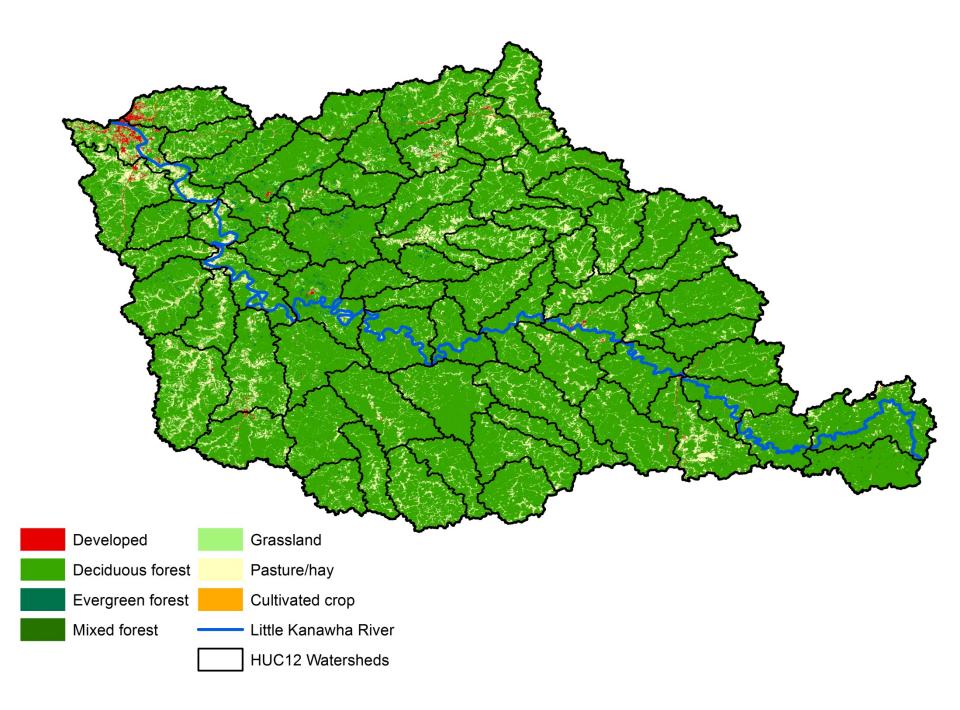


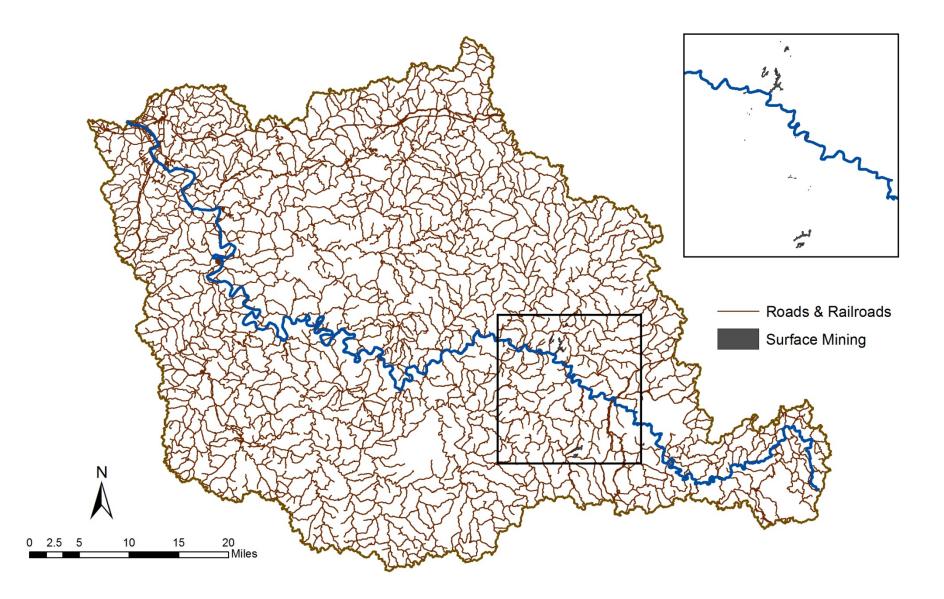


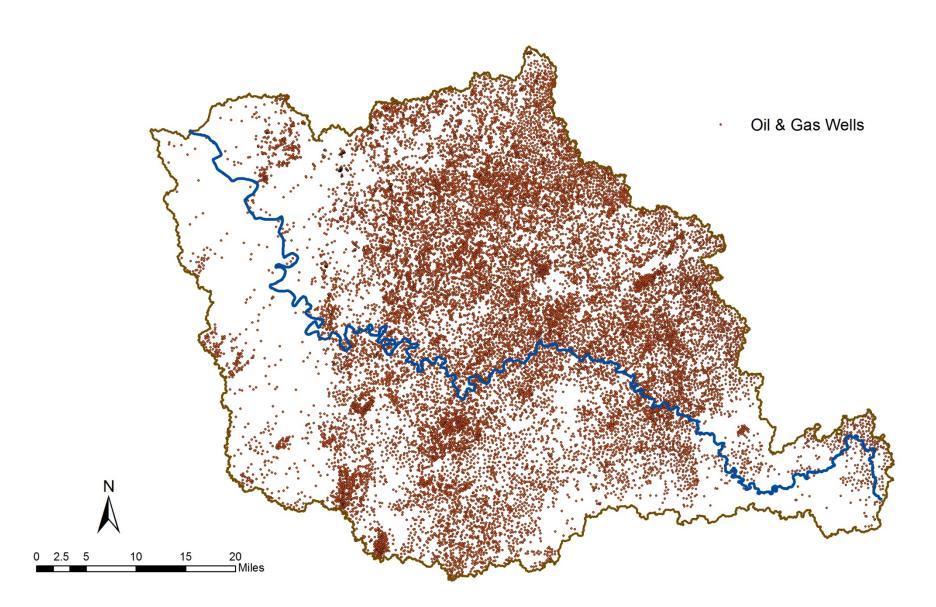
WEST VIRGENIA WATERSHED ASSESSMENT PILOT PROJECT

Little Kanawha Watershed Assessment January 8-9, 2013

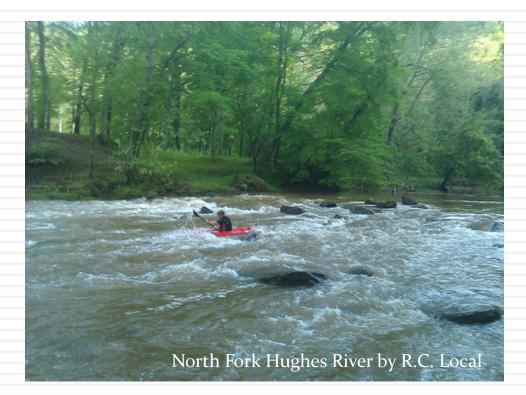


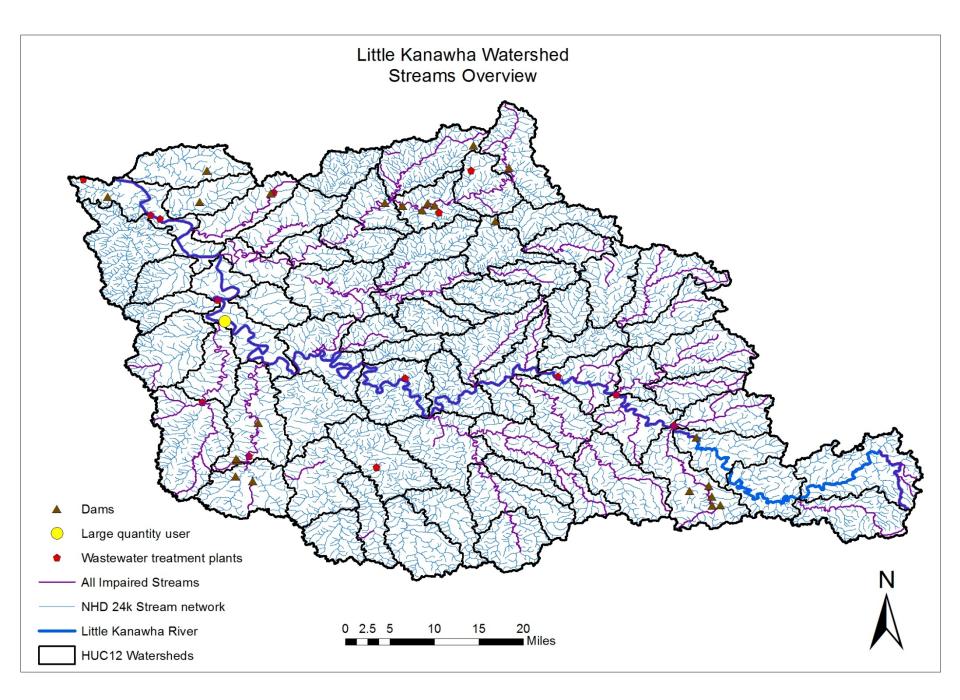




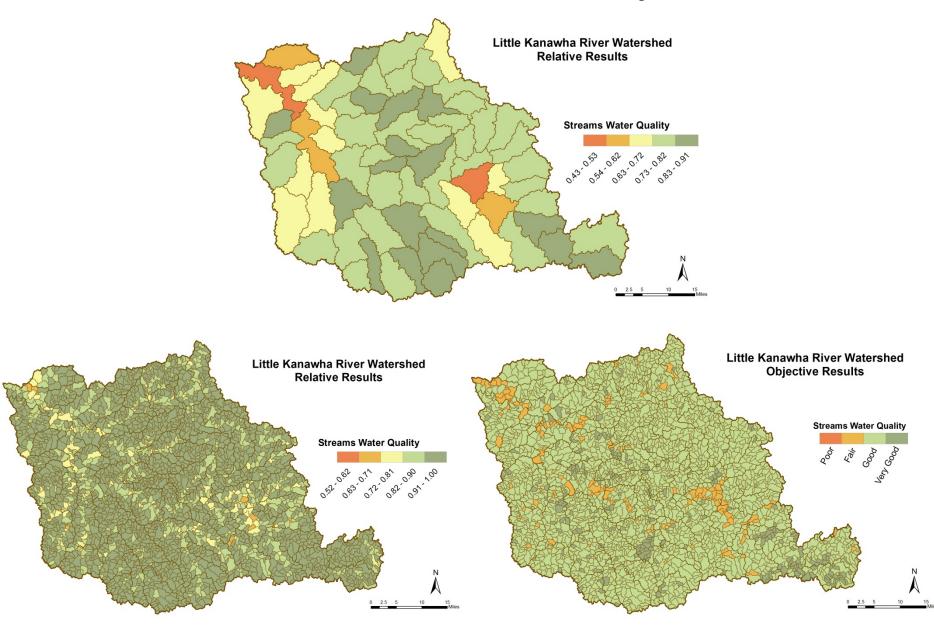


Little Kanawha Watershed: Streams

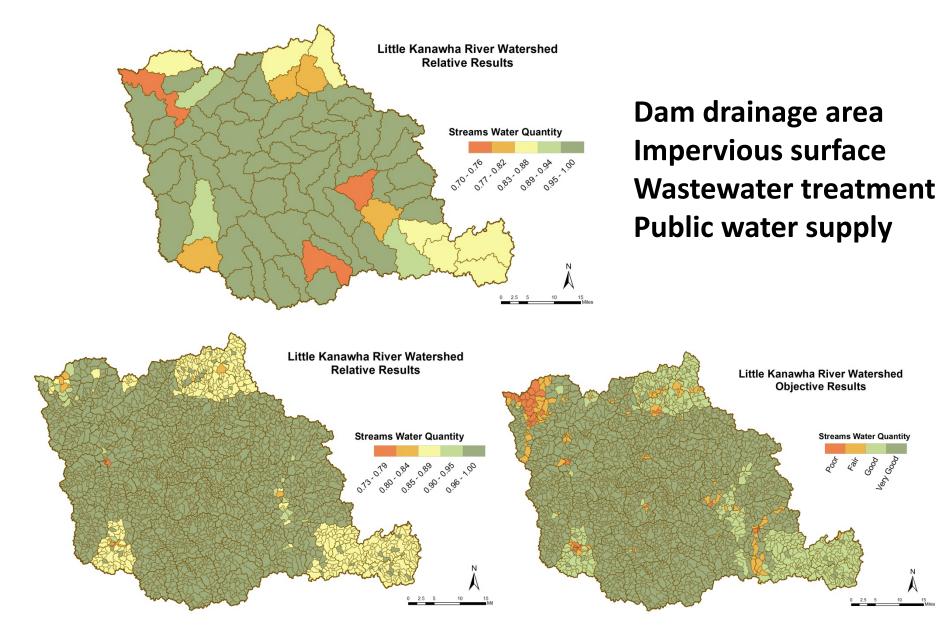




Streams: Water Quality

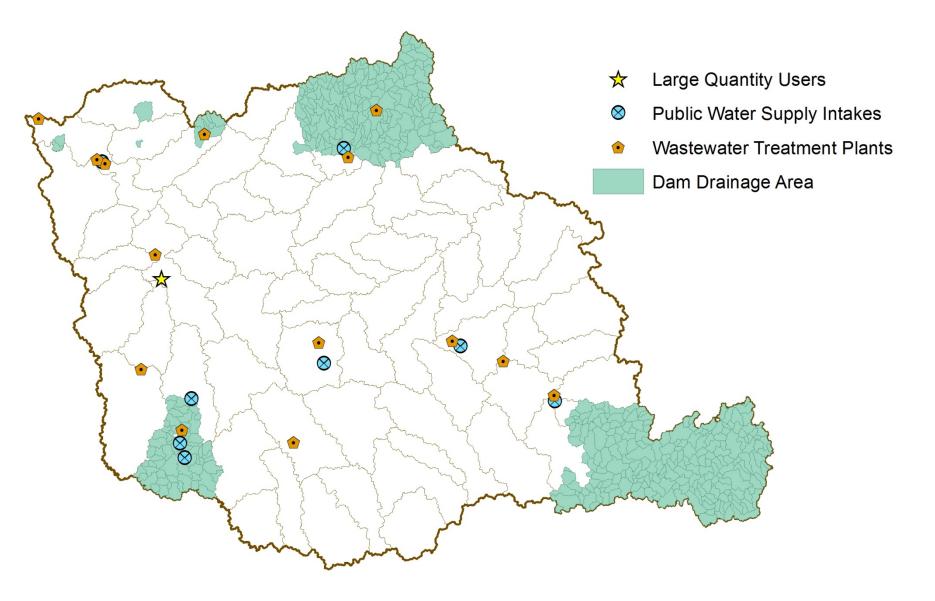


Streams: Water Quantity

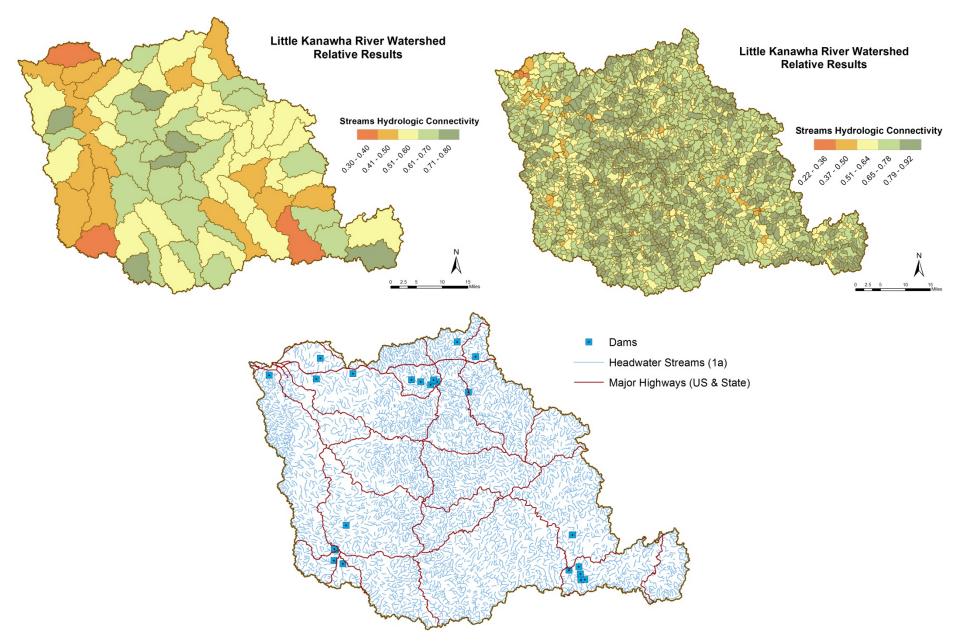


en co

Streams: Water quantity

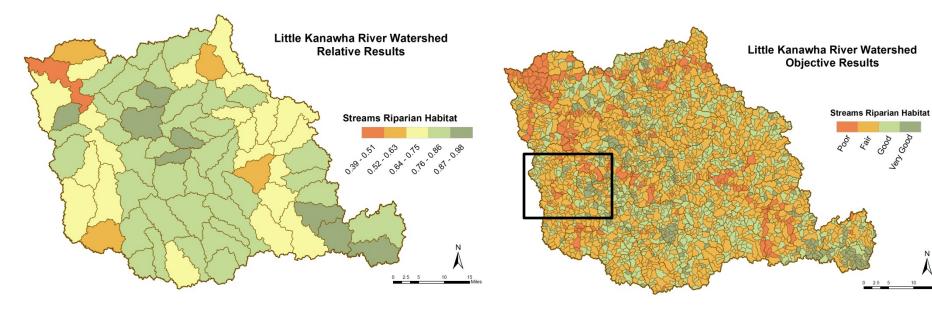


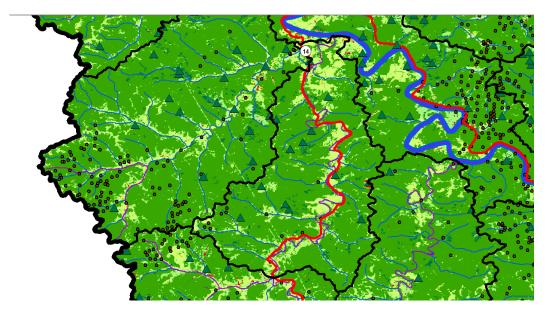
Streams: Hydrologic Connectivity

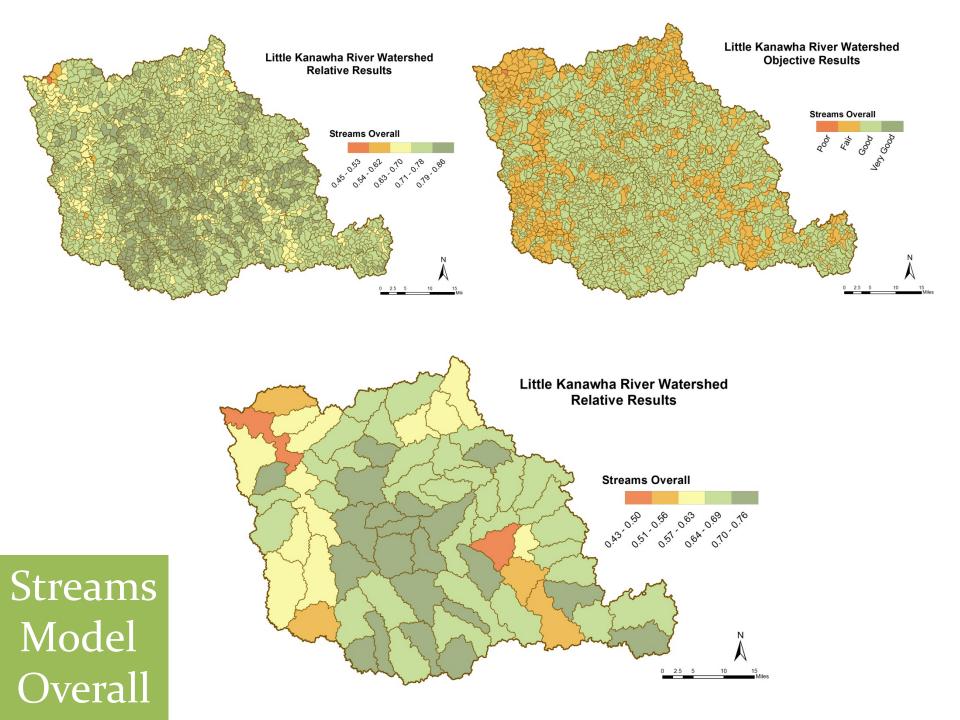


Streams: Riparian Habitat

Good Ver Goo

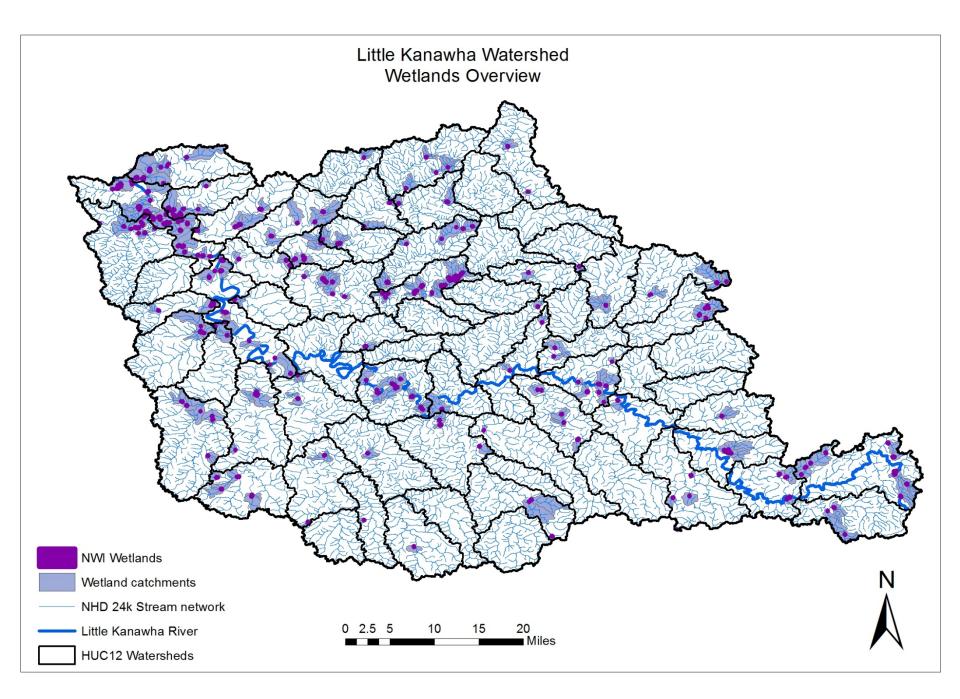




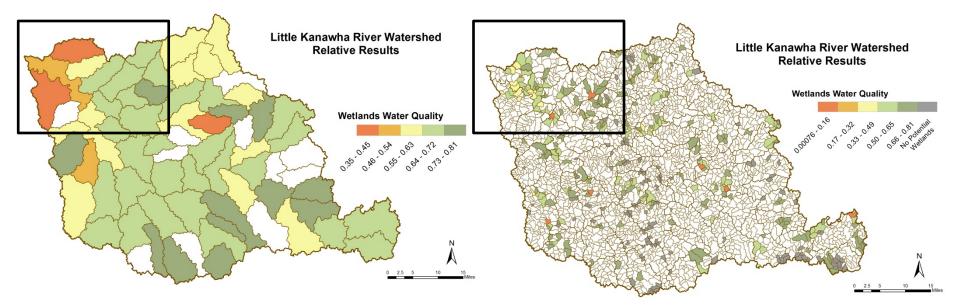


Little Kanawha Watershed: Wetlands

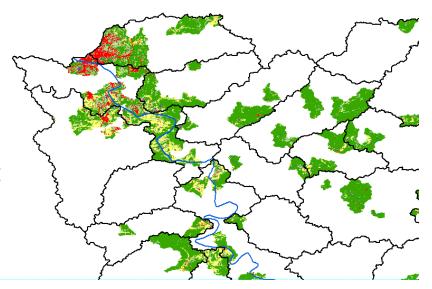




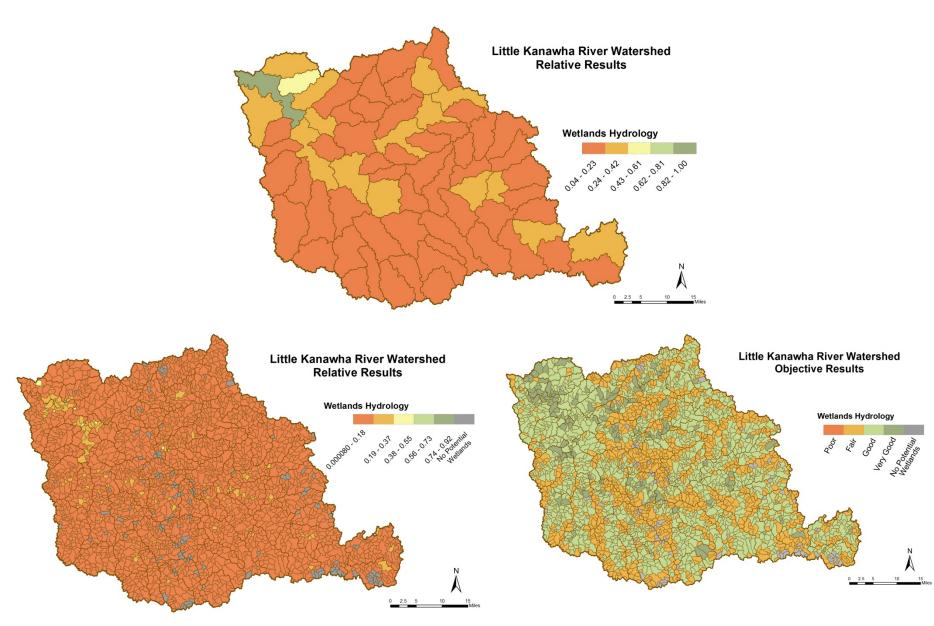
Wetlands: Water Quality

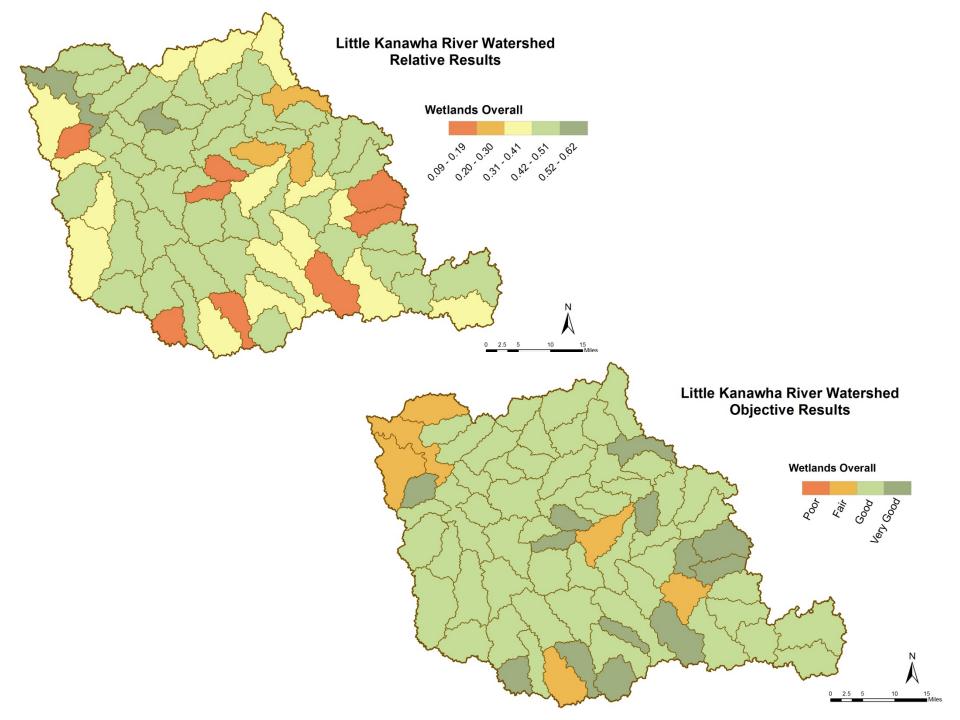


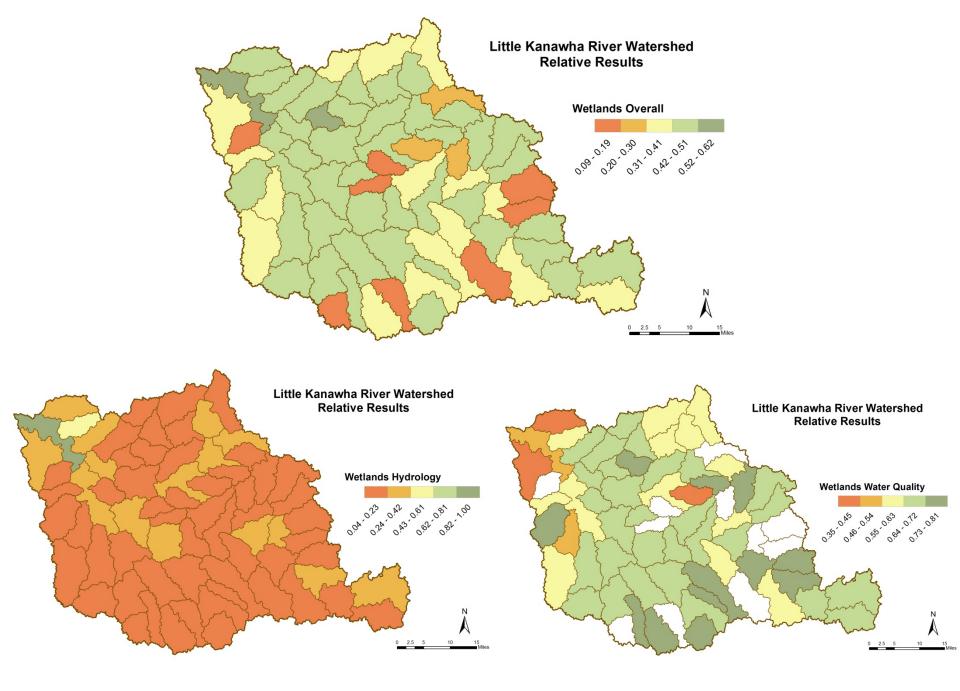
Land use/land cover In wetland catchment

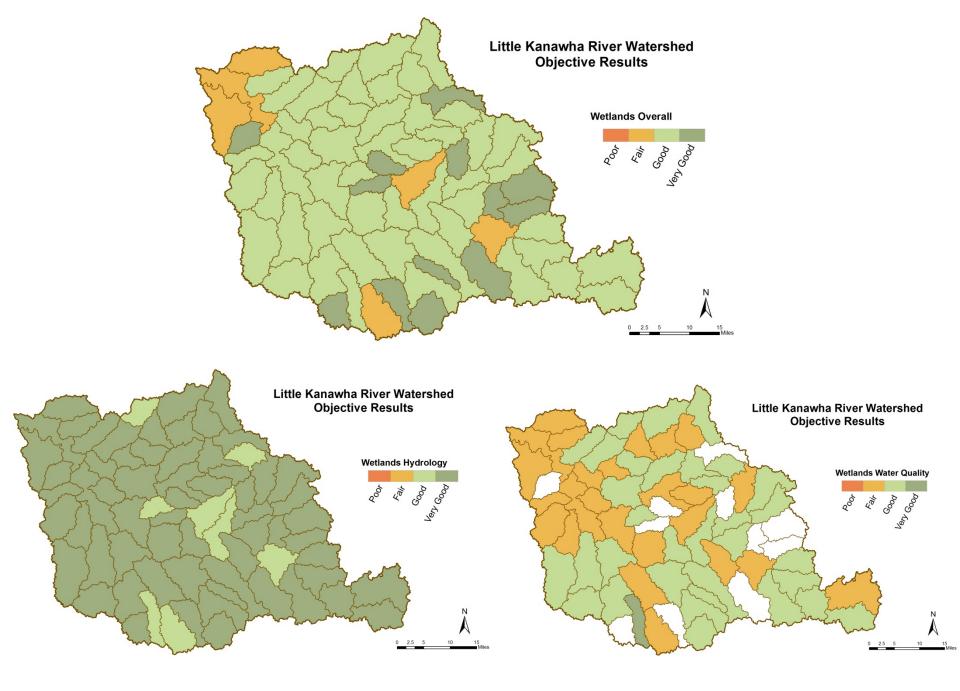


Wetlands: Hydrology

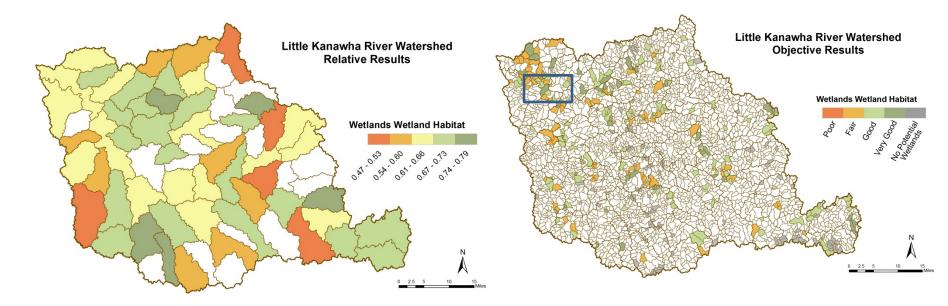


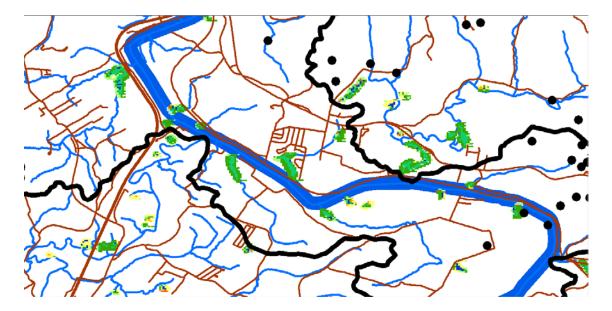


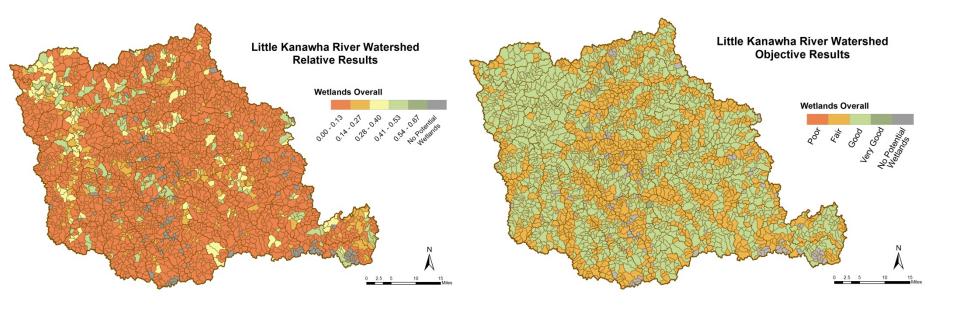


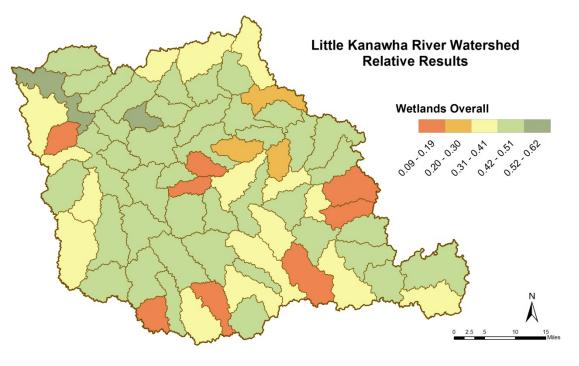


Wetlands: Wetland Habitat





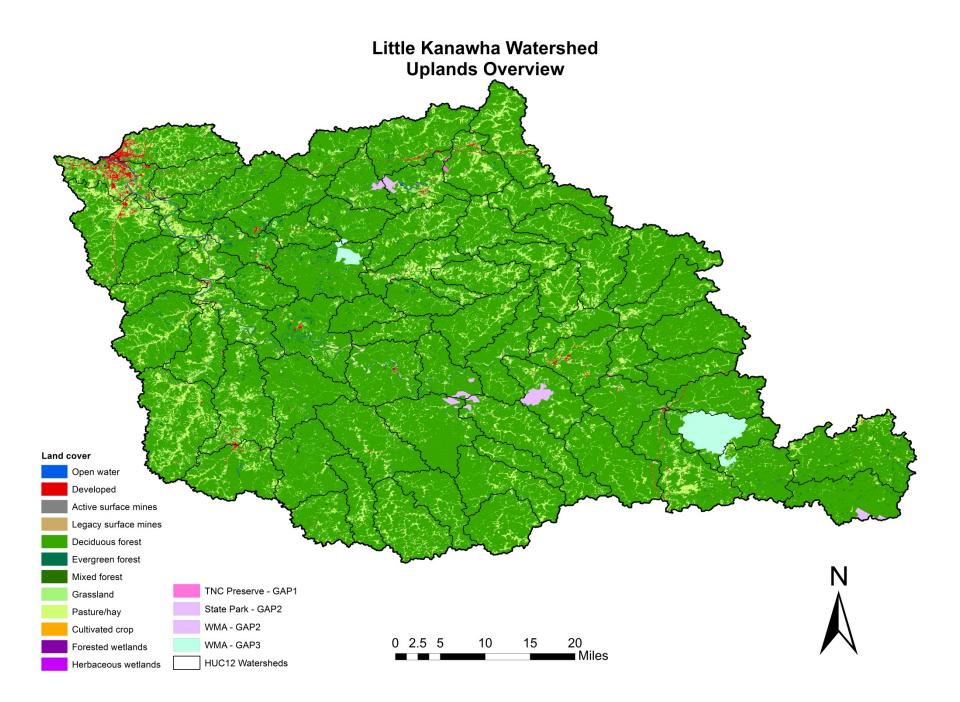




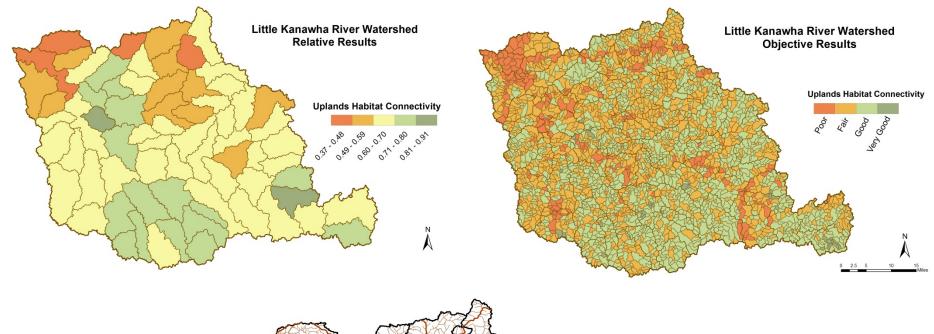
Wetlands Model Overall

Little Kanawha Watershed: Uplands



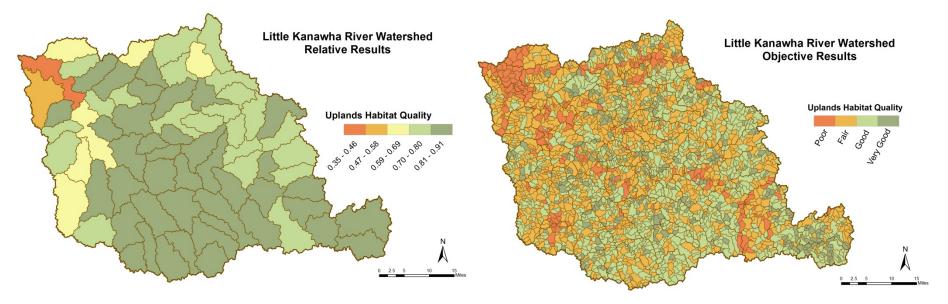


Uplands: Habitat Connectivity

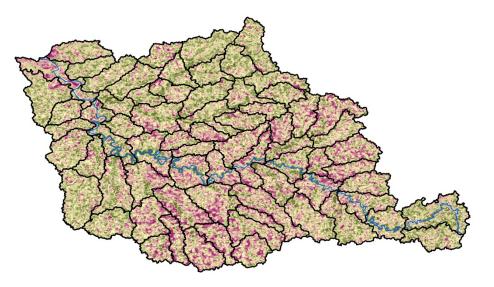


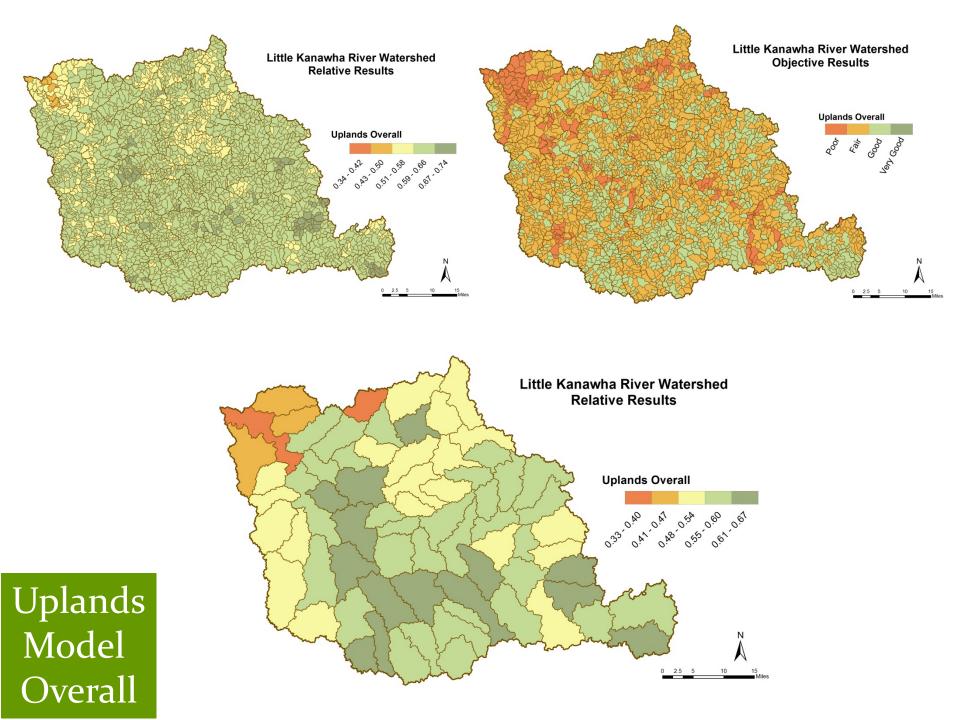


Uplands: Habitat Quality

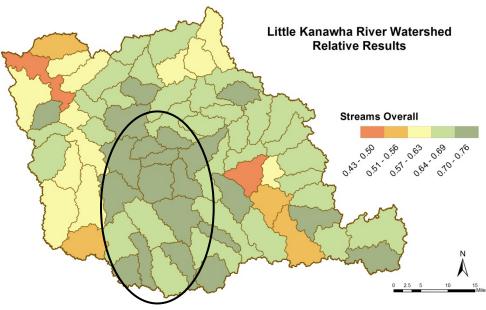


Natural cover Heterogeneity





Findings

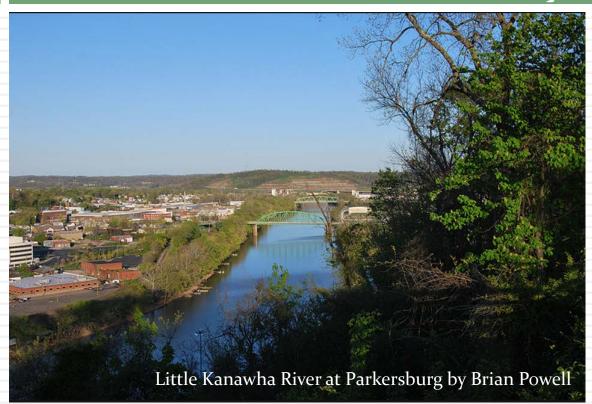


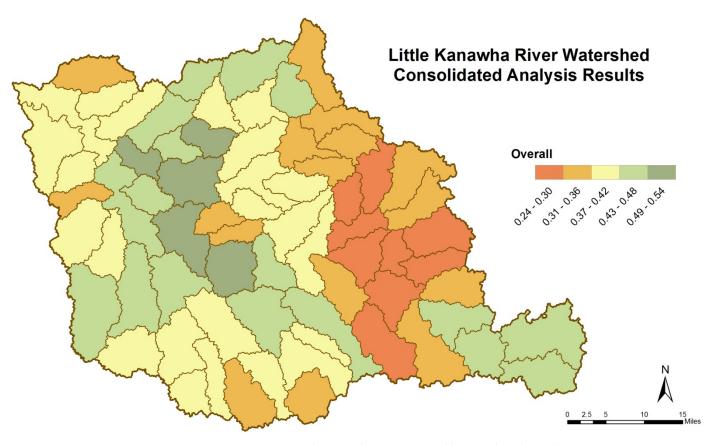
Higher quality areas for potential protection tend to be in the south-central areas of the watershed



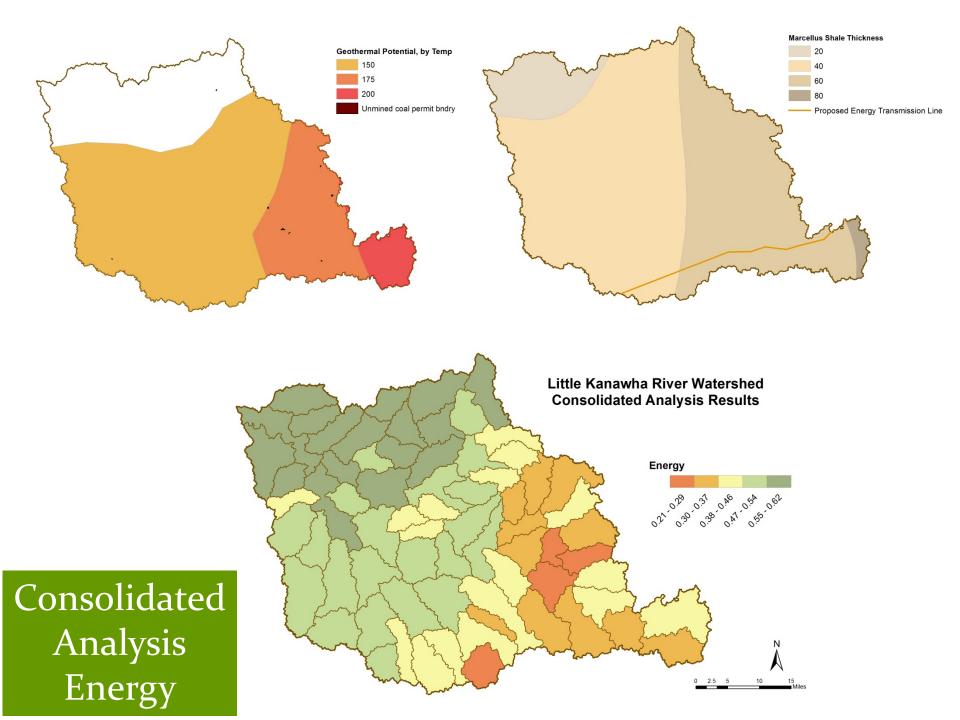
COMMENTS/QUESTIONS?

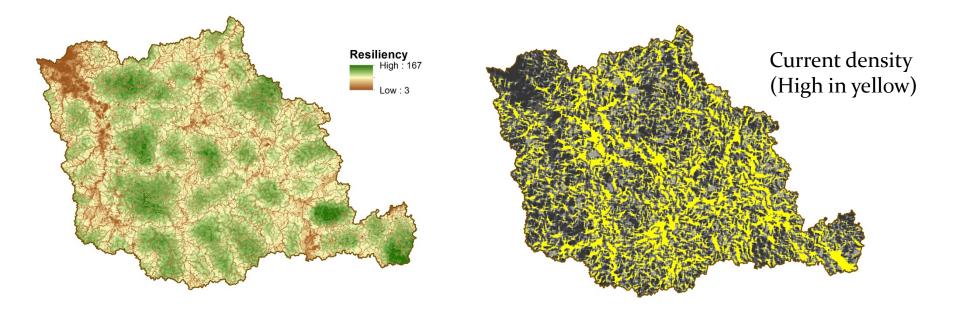
Little Kanawha Watershed: Consolidated Analysis

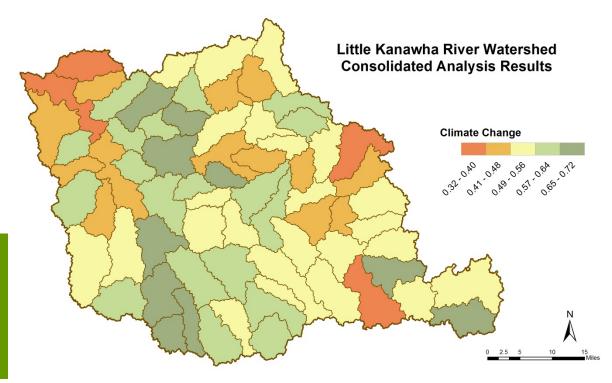




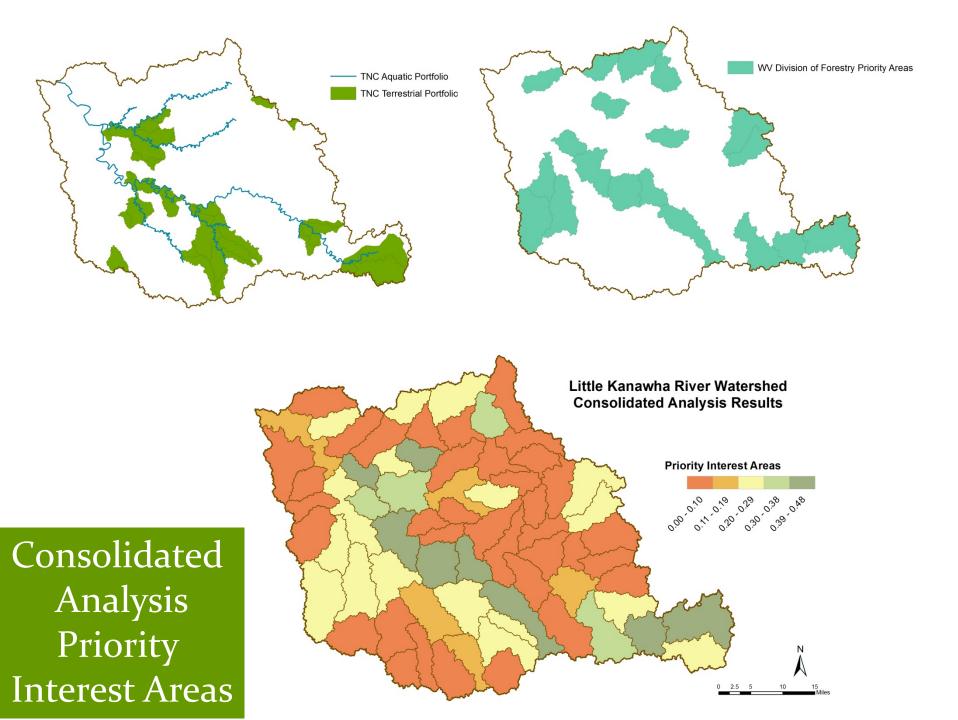
Consolidated Analysis Overall Energy: Unmined coal, Marcellus shale thickness, Wind development potential, Proposed transmission lines/pipelines/power plants/wind, Geothermal development potential Climate Change: TNC Resiliency & Current density models, TNC Climate Wizard Precipitation & Temperature change Priority Interest Areas: TNC aquatic & terrestrial portfolio, US Forest Service proclamation boundary, WV Division of Forestry priority HUC12 watersheds







Consolidated Analysis Climate Change





COMMENTS/QUESTIONS?