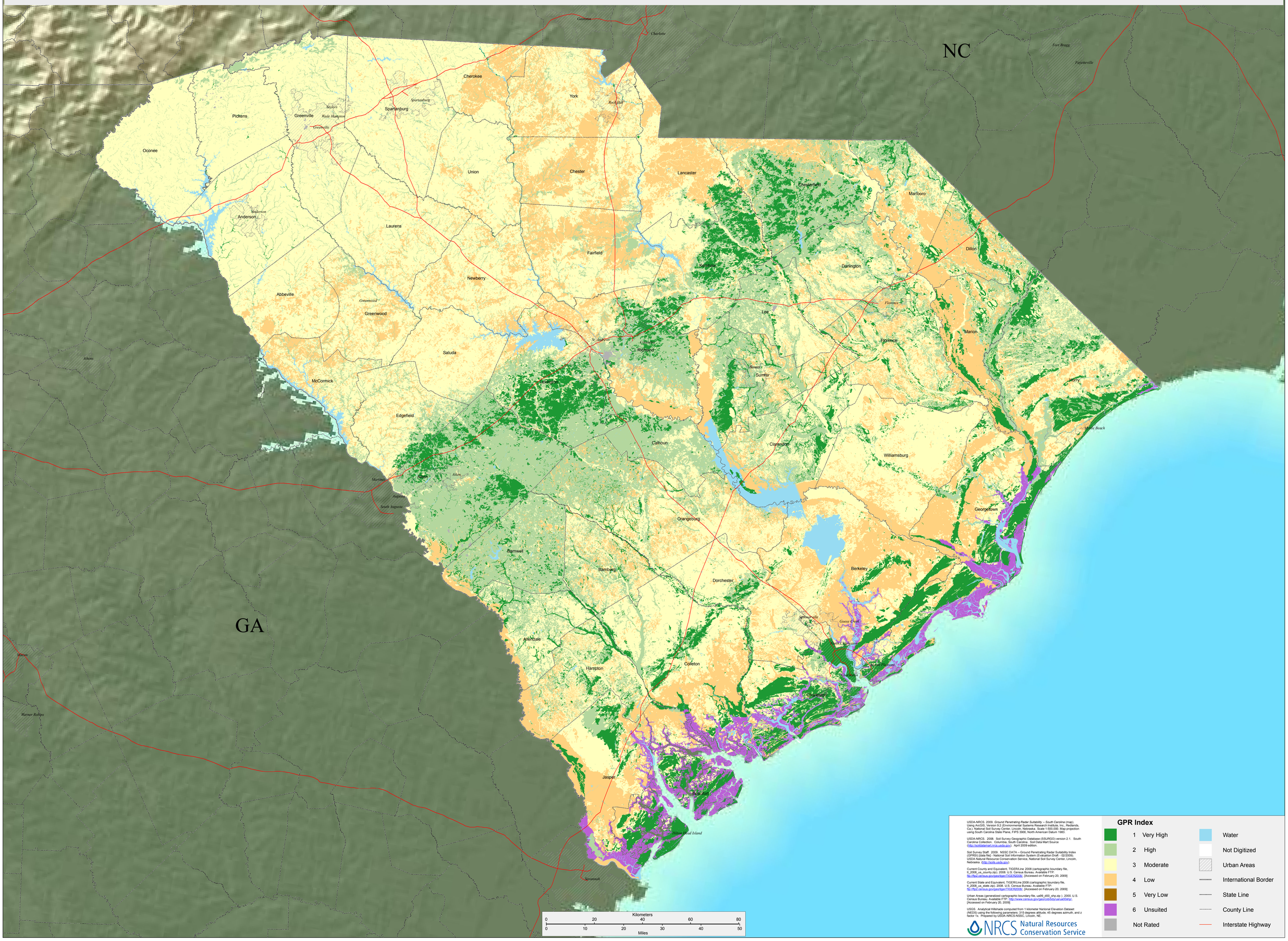
GPR SUITABILITY MAP - SOUTH CAROLINA



USDA-NRCS. 2009. *Ground Penetrating Radar Suitability – South Carolina* (map). Using ArcGIS, Version 9.2 (Environmental Systems Research Institute, Inc., Redlands, Ca.). National Soil Survey Center, Lincoln, Nebraska. Scale 1:500,000. Map projection using South Carolina State Plane, FIPS 3900, North American Datum 1983.

USDA-NRCS. 2008. Soil Survey Geographic Database (SSURGO) version 2.1. South Carolina Collection. Columbia, South Carolina. Soil Data Mart Source (http://soildatamart.nrcs.usda.gov). April 2009 edition.

Soil Survey Staff. 2009. NSSC DATA – Ground Penetrating Radar Suitability Index (GPRSI) [data file]. National Soil Information System (Evaluation Draft - 02/2009). USDA Natural Resource Conservation Service, National Soil Survey Center, Lincoln, Nebraska. (http://soils.usda.gov).

Current County and Equivalent, TIGER/Line 2008 (cartographic boundary file, tl_2008_us_county.zip). 2008. U.S. Census Bureau. Available FTP: ftp://ftp2.census.gov/geo/tiger/TIGER2008/. [Accessed on February 20, 2009]

Current State and Equivalent, TIGER/Line 2008 (cartographic boundary file, tl_2008_us_state.zip). 2008. U.S. Census Bureau. Available FTP: ftp://ftp2.census.gov/geo/tiger/TIGER2008/. [Accessed on February 20, 2009]

Urban Areas (generalized cartographic boundary file, ua99_d00_shp.zip). 2000. U.S. Census Bureau. Available FTP: http://www.census.gov/geo/cob/bdy/ua/ua00shp/. [Accessed on February 20, 2009]

USGS. Analytical Hillshade computed from 1 kilometer National Elevation Dataset (NEDS) using the following parameters: 315 degrees altitude, 45 degrees azimuth, and z factor 1x. Prepared by USDA-NRCS-NSSC, Lincoln, NE.