









This work, an update to the Santee-Lynches Regional Green Infrastructure Plan of 2017, is a collaborative effort of the Green Infrastructure Center, the South Carolina Forestry Commission, the Santee-Lynches Regional Council of Governments, and local government partners.

Introduction

Santee-Lynches Region



The Santee-Lynches region covers 2400 square miles and is home to nearly 240,000 residents. The region has diverse landscapes including a rich natural landscape of wetlands, forests, farmland, rivers, a complex cultural landscape that includes Native American settlements and a historic colonial sites, and small cities and towns. The region's natural assets include Lakes Wateree and Marion, portions of four major rivers (Wateree, Black, Santee, and Lynches), and

numerous state parks, state forests, heritage preserves, and wildlife refuges.

The region has long been an agricultural hub, but like much of South Carolina, there has been steady growth and urbanization as manufacturing, retail, and service industries have become the dominant employment sectors. The area grew at 6.0% rate between 2000 and 2010 and that growth rate is expected to continue particularly in the Sumter metropolitan area and western Kershaw County. As the region's human footprint continues to expand, planning for the stewardship and enhancement of the invaluable natural, cultural, and economic assets of the region is critical to ensure a high quality of life for residents and the long-term health of the environment.

What is Green Infrastructure?

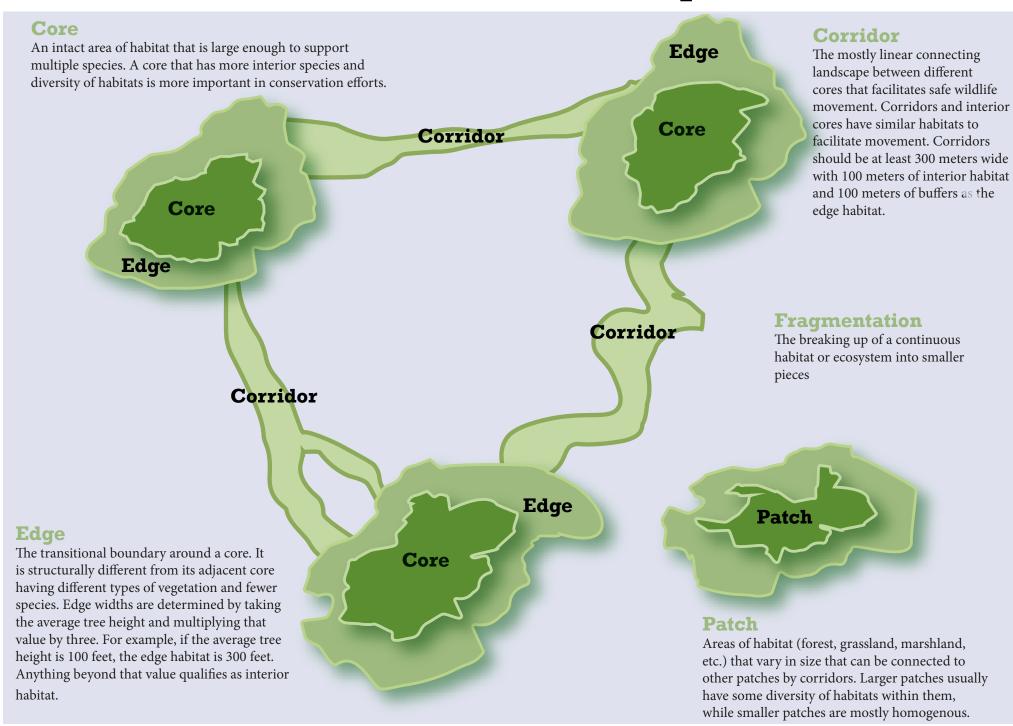
Communities are comprised of the built and natural environment, both of which are critical to maintain and ensure a high quality of life for residents. Through strategically placed built infrastructure (e.g. roads, utilities) and the use and stewardship of natural resources (e.g. air, soil, water, trees), communities can ensure that residents live and prosper in a healthy environment. The natural environment is increasingly viewed as as 'green infrastructure,' a "natural life support system - an interconnected network of waterways, wetlands, woodlands, wildlife habitats, and other natural areas; greenways, parks, and other conservation lands; working farms, ranches and forests; and wilderness and other open spaces that support native species, maintain natural ecological processes, sustain air and water resources and contribute to the health and quality of life for America's communities nod and people."1

The GI network is critical for healthy environments and access to breathable air, clean drinking water, and rich agricultural soils. In addition to health benefits, green infrastructure provides social and emotional benefits. To ensure the long-term maintenance and preservation of our region's green infrastructure, we need to actively plan for green infrastructure and create path forward for how to ensure our region can responsibly plan for growth and development while maintaining the natural elements critical for a healthy environment.

1 Benedict, Mark and Edward McMahon. Green Infrastructure Linking Landscapes and Communities. 2006



Green Infrastructure Network Components



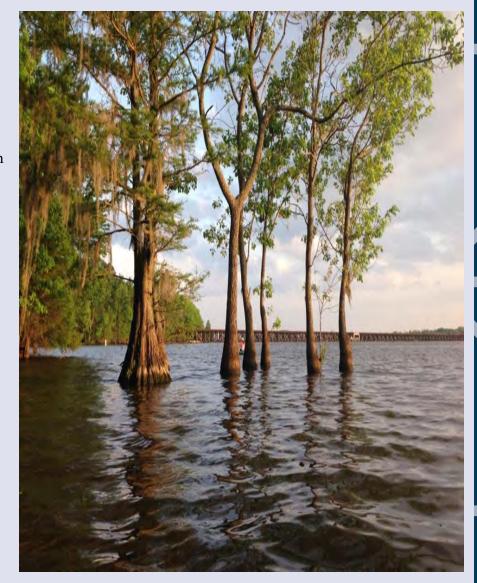
How can this plan be used?

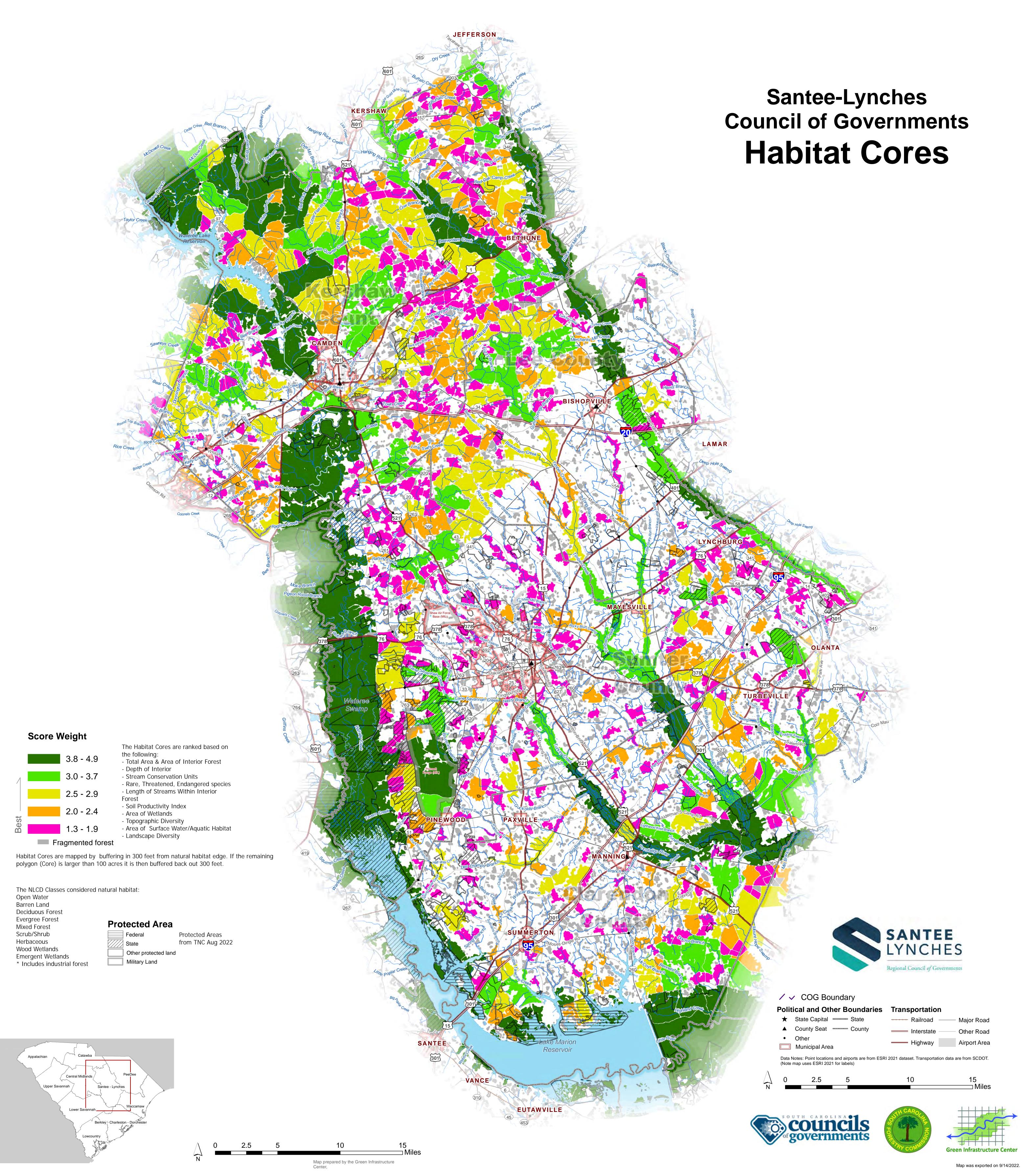
Green infrastructure planning is an ongoing multi-jurisdictional, collaborative process that helps communities develop policies and strategies that accommodate growth and development while preserving and enhancing the natural assets of the region. This plan provides communities and stakeholders with shared knowledge about the region's assets so that we can simultaneously plan for the natural and built landscape. The integration of green infrastructure planning into the development of the built environment will ensure that communities are maximizing the benefits of green infrastructure.

By using a regional approach to green infrastructure planning, we will have a more nuanced understanding of how the natural systems link all of us together. For example, from a city- or county-level perspective, we may see a forested area as a potential site for development. However, when examining green infrastructure from a regional level, that land may be part of a critical corridor connecting one habitat core in one county to another habitat core in a separate county. This type of larger-scale analysis can inform better decision-making and prevent us from planning in a vacuum.

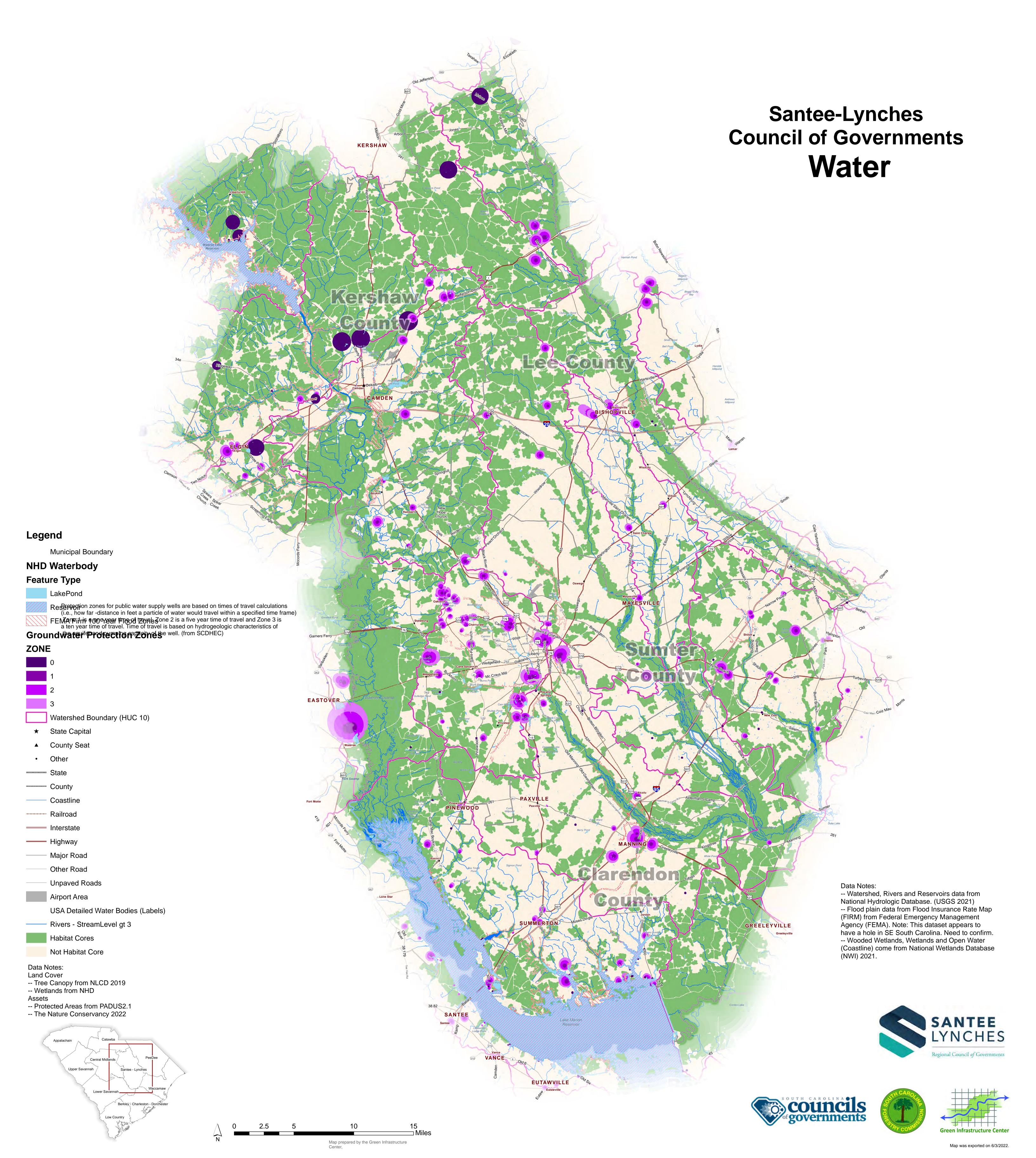
This document is as a planning tool for municipalities, transportation agencies, natural resource agencies, and others to incorporate green infrastructure planning into long-range initiatives. The Plan emphasizes objectives that can be used by resource agencies, private foundations, cities, counties, and other local or state agencies for updating master plans, transportation plans, or watershed plans. This tool does not seek to stop development or limit population growth. Rather, it provides information about the natural landscape to help us evaluate important environmental factors and take steps to protect and enhance what is important. Development will then occur in ways that recognize and protect the area's most important natural resources. The implementation of this plan will provide the us with healthy and vibrant communities, economic growth opportunities, cost savings, conserved natural areas, and numerous other benefits.

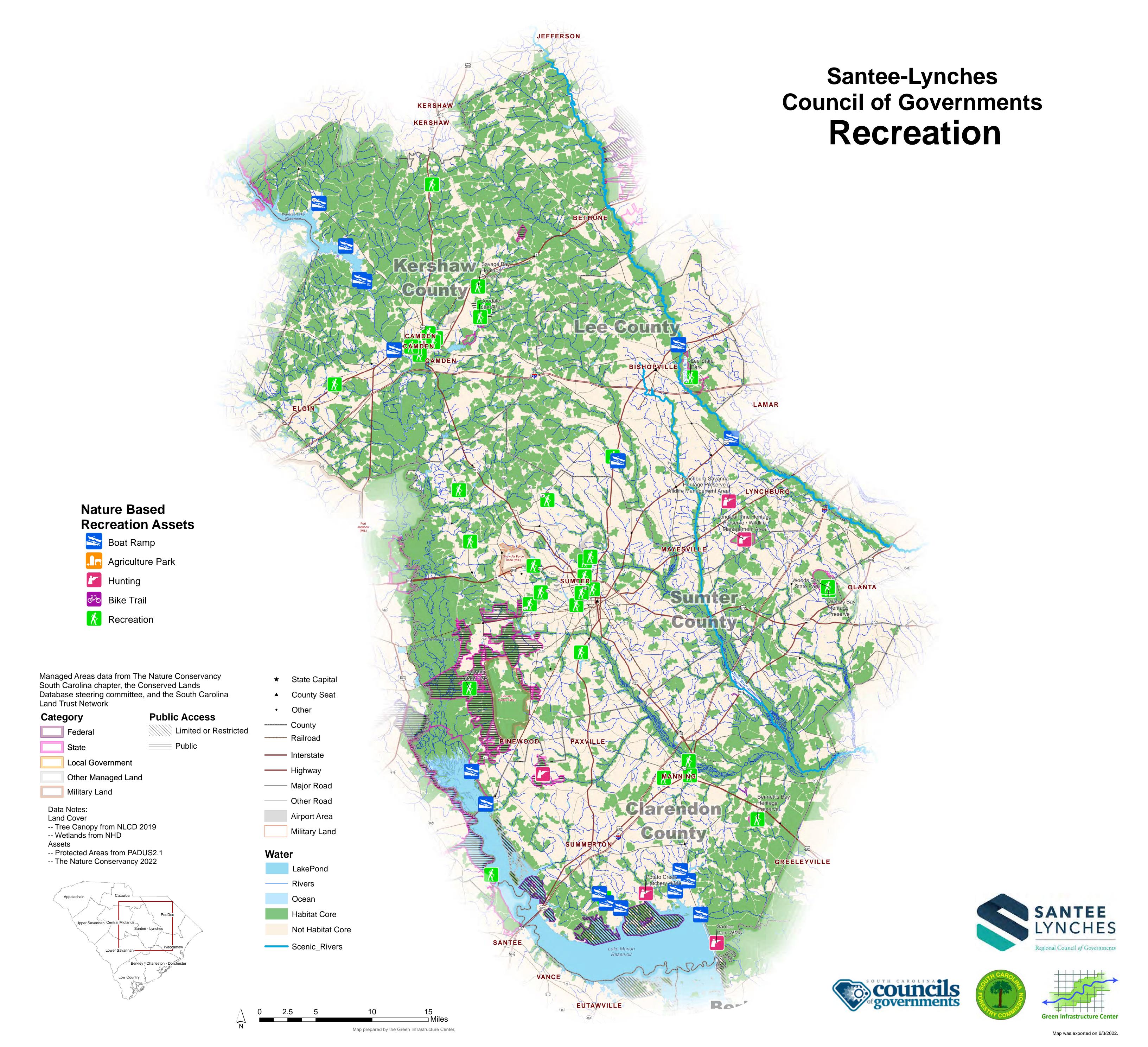
The maps on the following pages depict prime core habitat and natural areas in the region; agriculture, water, recreation, and cultural assets; critical areas for land and solar energy development; and locations of water quality concerns.

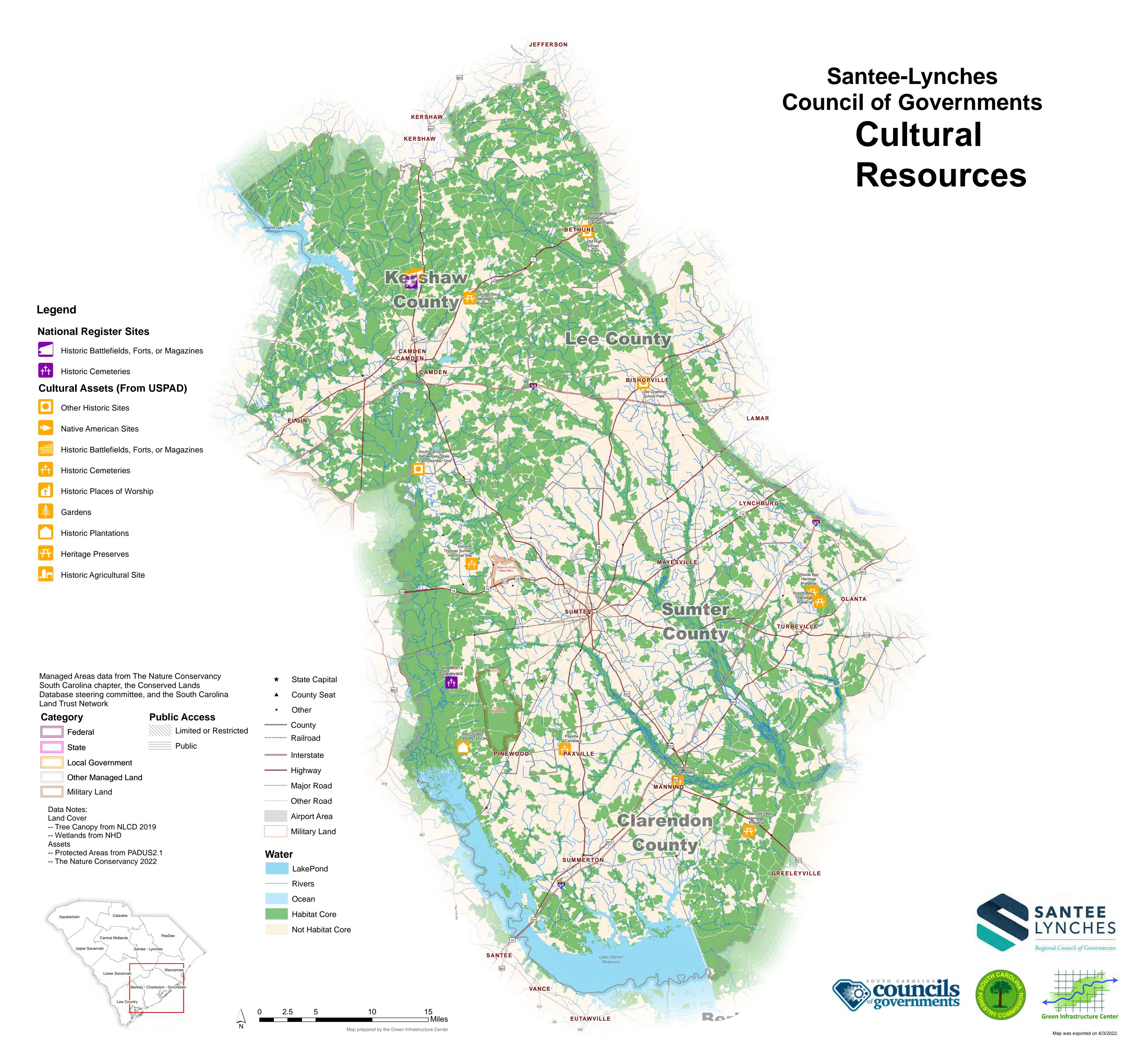


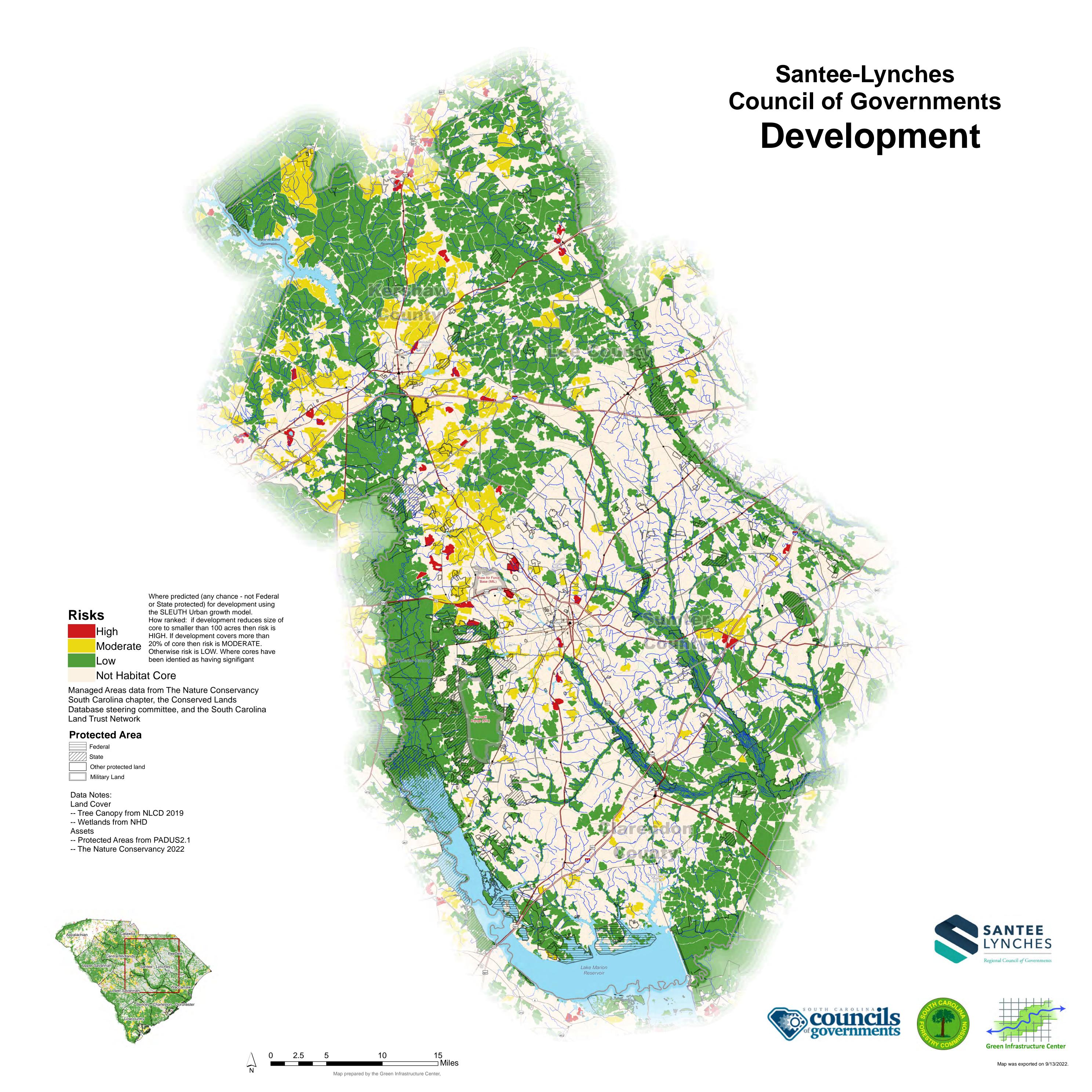


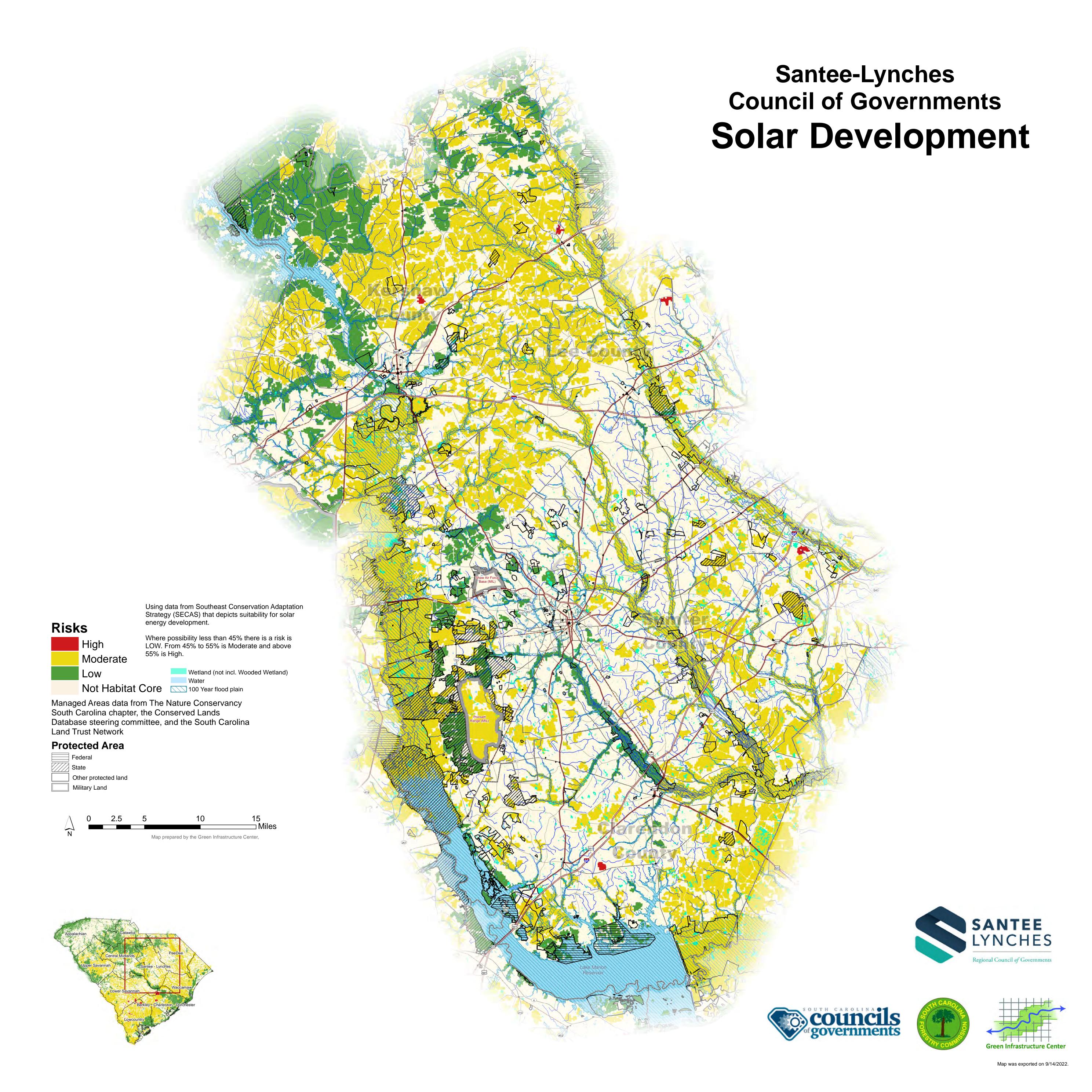


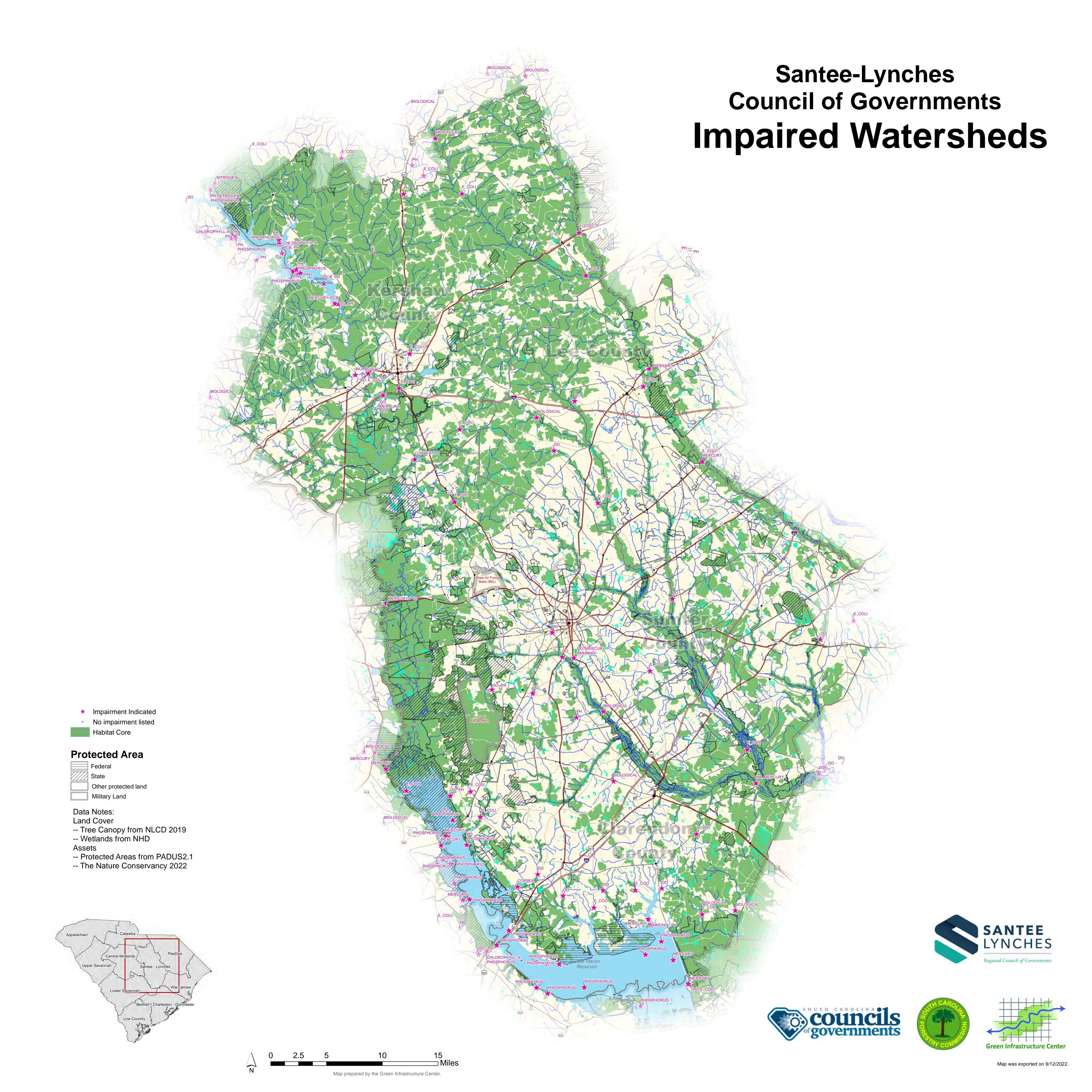














groups in the region.

Santee-Lynches Regional Council of Governments, 2022

