

**Online Community Resource
Inventory (CRI-SC):
*A Mapping Resource for Coastal
South Carolina Communities***

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Ecology and Forest Science**

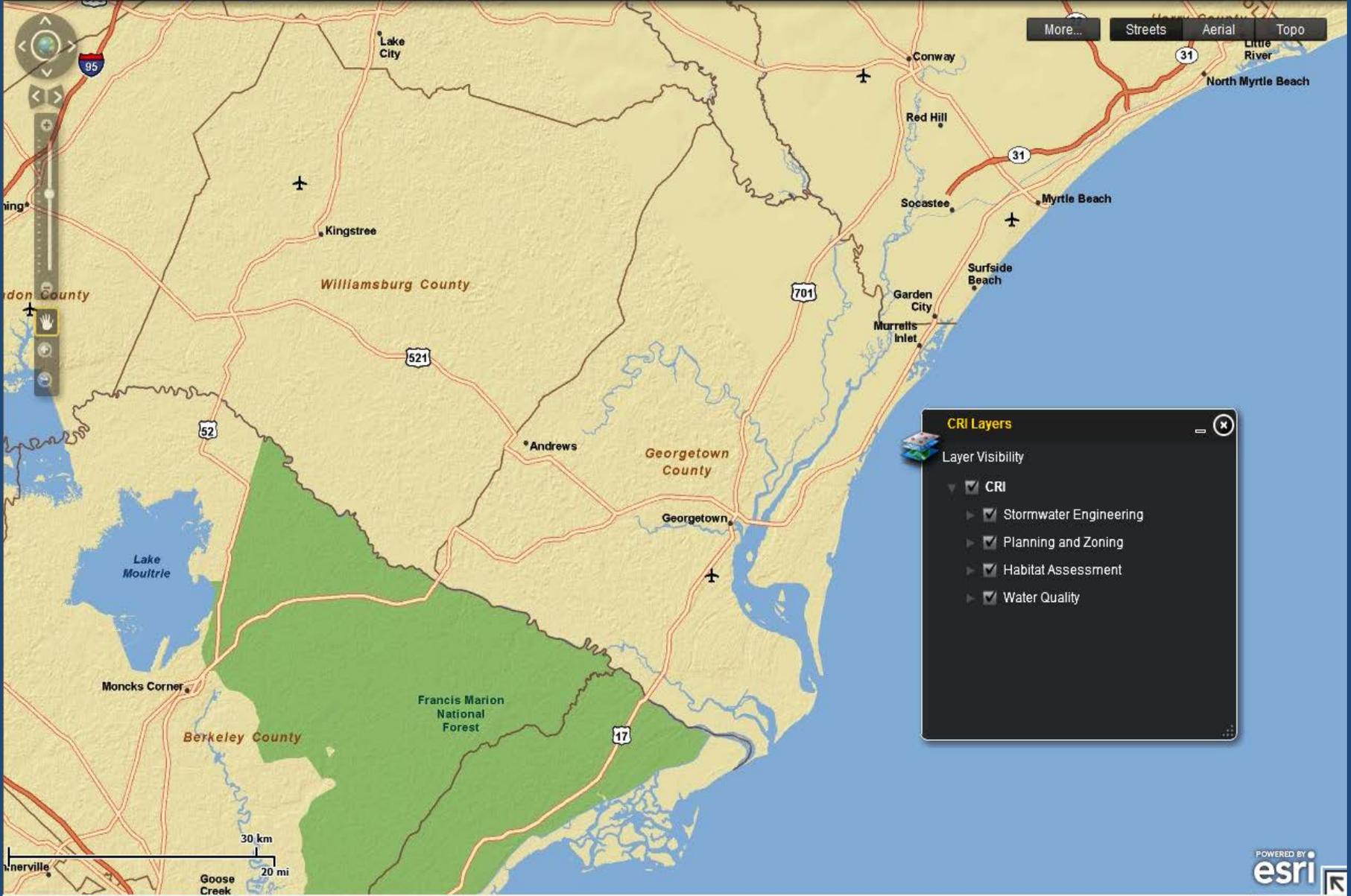
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April Turner, SC Sea Grant Consortium

www.cri-sc.org

CRI-SC Project Background

- A CRI is a list of the *natural and cultural resources*, as well as *human dimensions* data
- Provide *data and mapping* resources
- Stormwater Engineering, Planning & Zoning, and Habitat Assessment
- UConn CLEAR & NEMO, UNH CICEET, CU Intelligent River©, SC Sea Grant, Carolina Clear, NI-WB NERR
- Two years in development with *stakeholder input*, surveys, and training workshops



CRI Layers

Layer Visibility

- CRI
- Stormwater Engineering
- Planning and Zoning
- Habitat Assessment
- Water Quality

Soils Layer

CRI Data Viewer
Supported by the IntelligentRiver.org

CRI Layers
Layer Visibility

- CRI
 - Stormwater Engineering
 - Parcels
 - Elevation Contours
 - Soils
 - Impervious Surfaces
- Planning and Zoning
- Habitat Assessment
- Water Quality

Legend

CRI

Soils

- AILEY
- ALAGA
- ALBANY
- ALBANY-BLANTON
- ALPIN
- AQUIC UDIFLUENTS

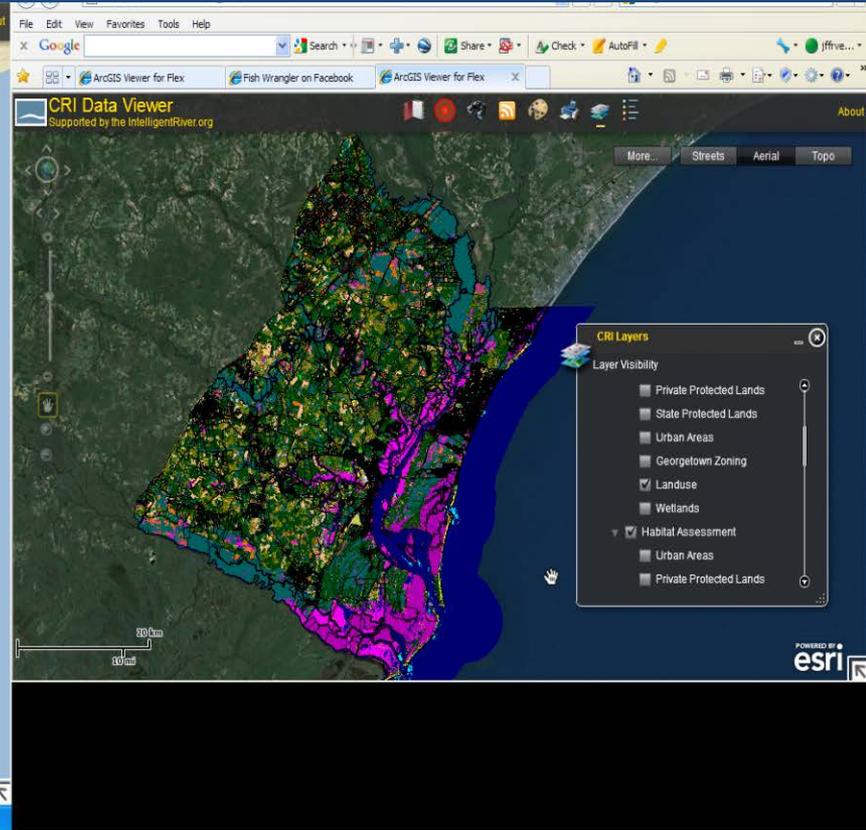
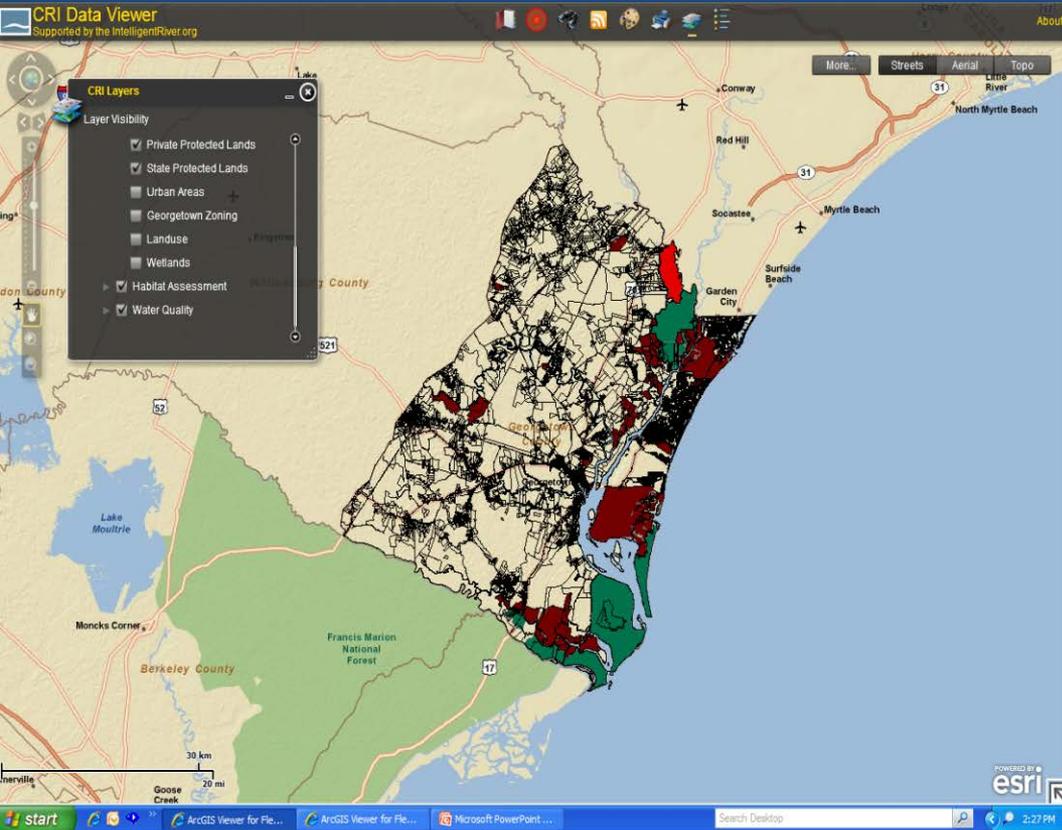
Map labels: Lake Moultrie, Moncks Corner, Berkeley County, Francis Marion National Forest, Garden City, Surfside Beach, Myrtle Beach, Socastee, Red Hill, Conway, North Myrtle Beach, Little River, Goose Creek, 30 km, 20 mi.

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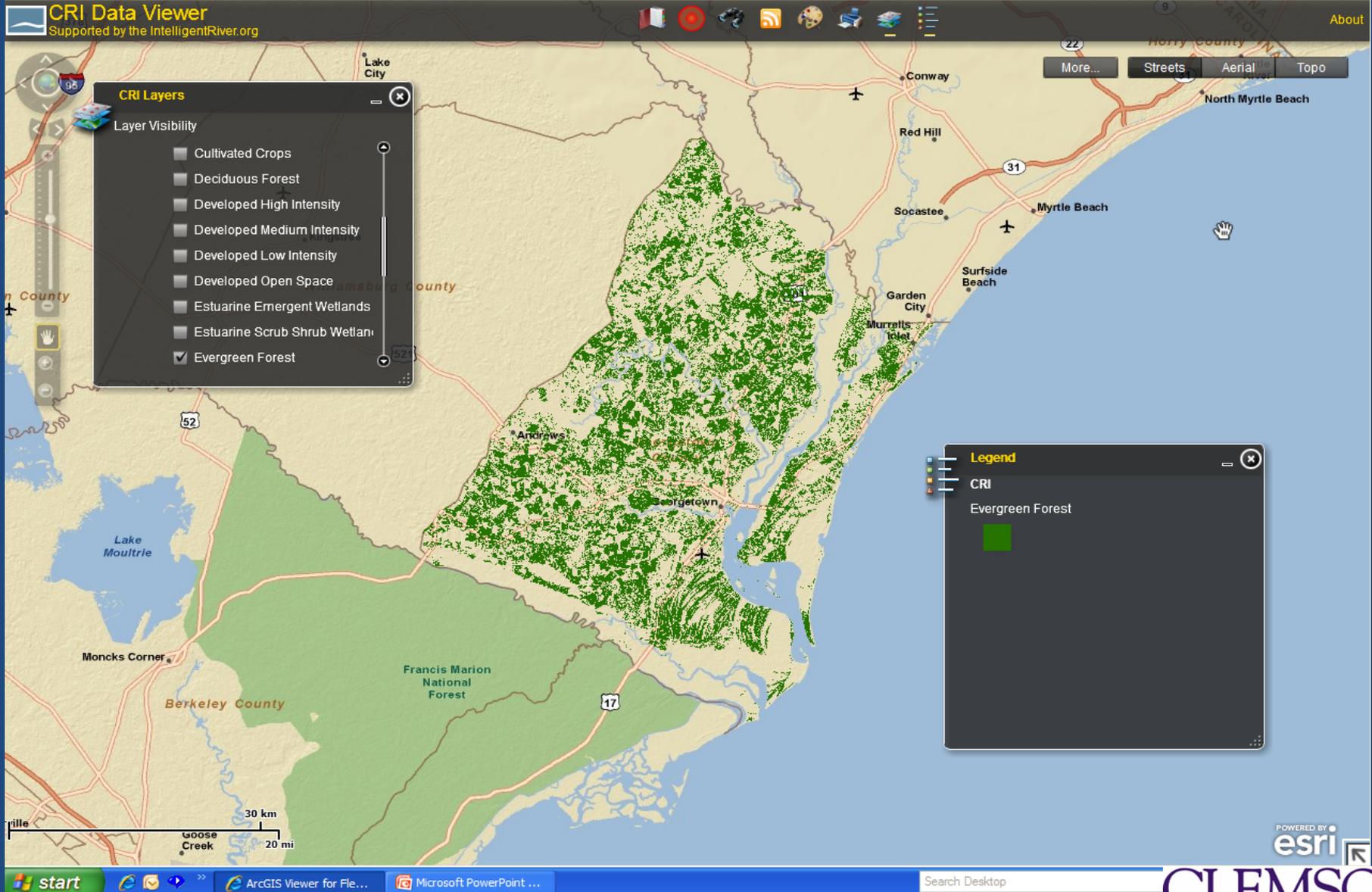
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CLEMSON PUBLIC SERVICE

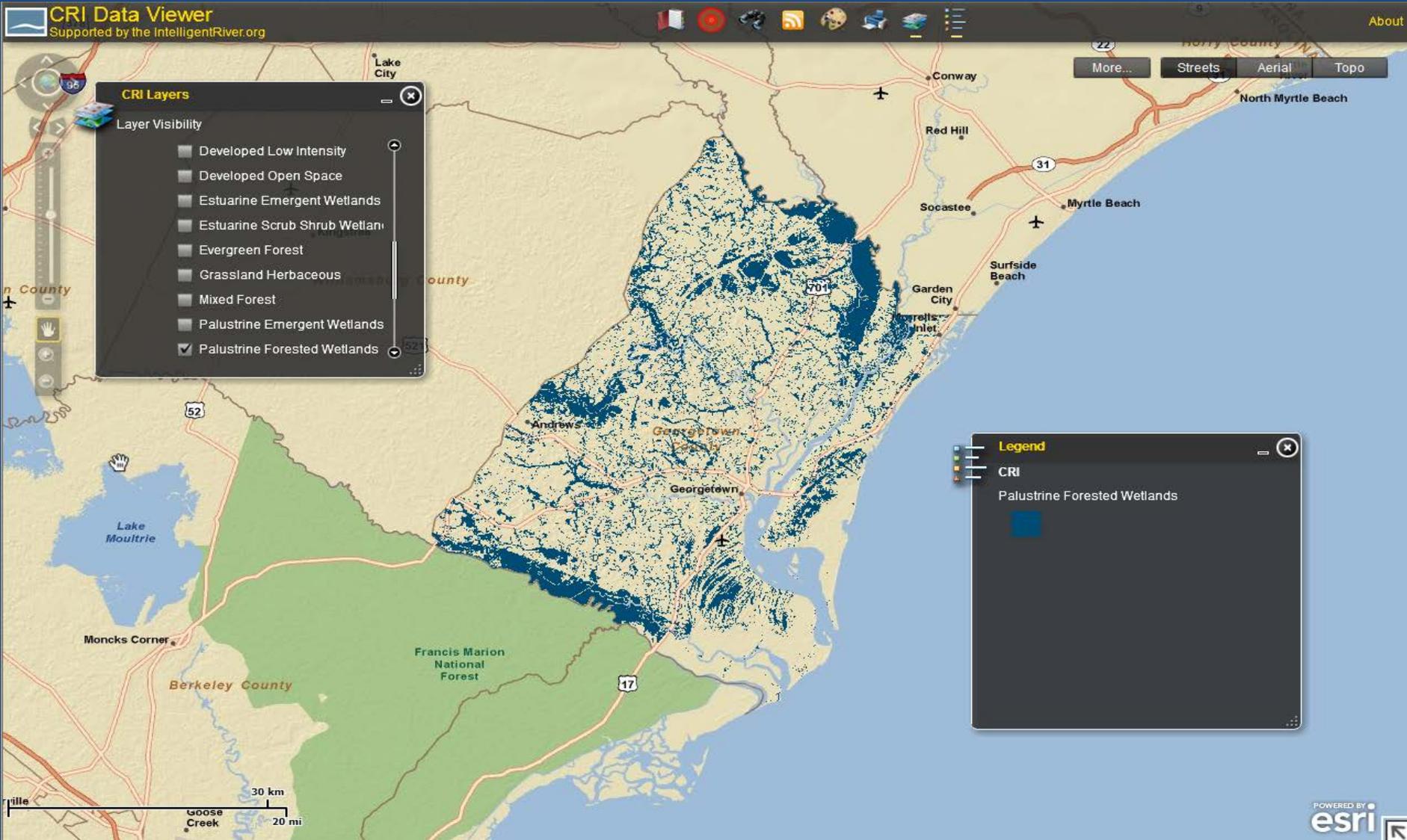
Parcel, Protected, Land Use Views



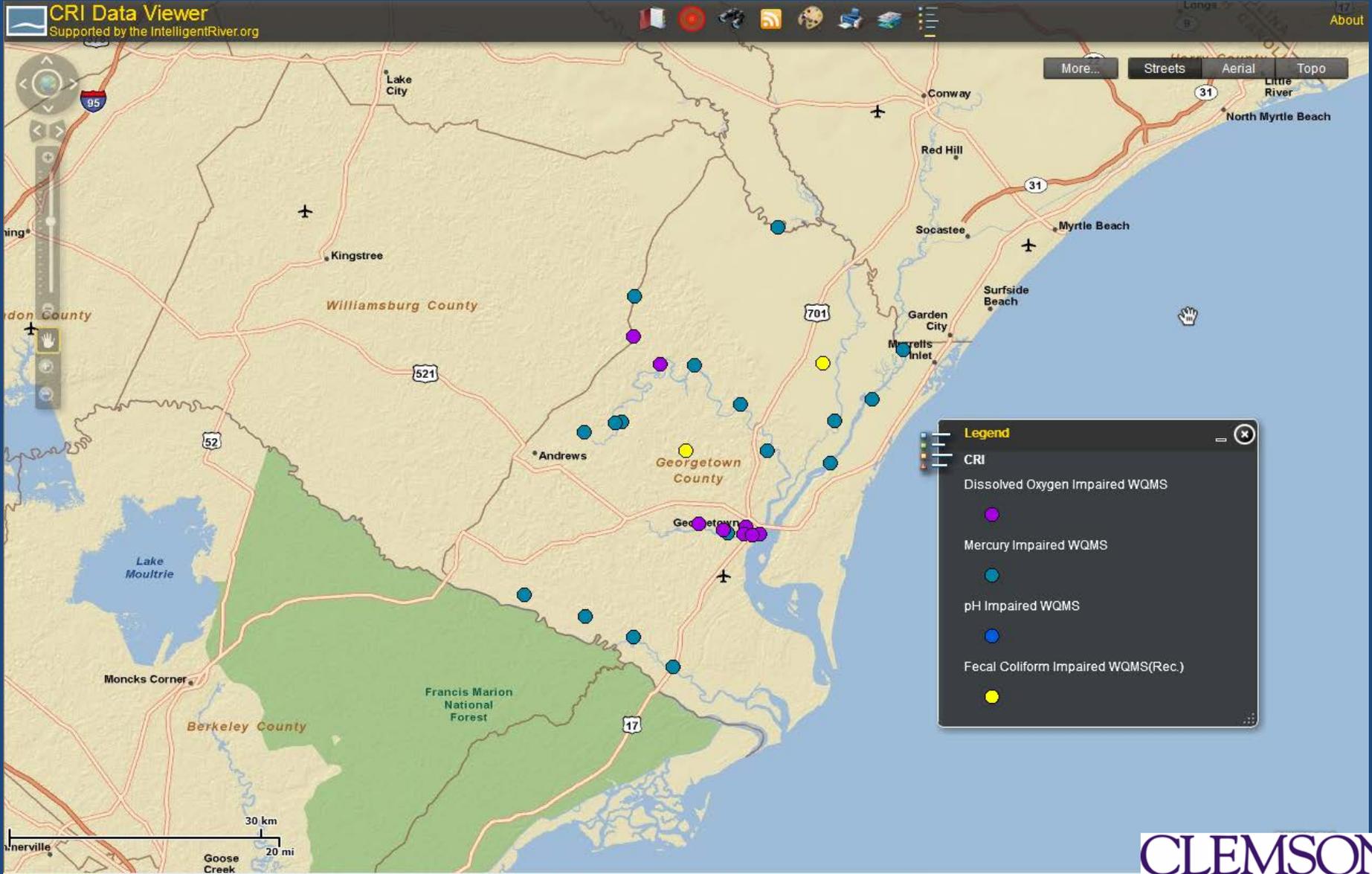
Evergreen Forest



Palustrine Forested Wetlands



Water Quality



Habitat Priority Planner

Decision support tool guiding management action for the following purposes:

- Conservation
- Land use
- Restoration

Designed for interactive use with stakeholders

www.csc.noaa.gov/hpp

DIGITAL COAST
NOAA Coastal Services Center

Home Data Tools Training Approaches In Action

Tools

Habitat Priority Planner
NOAA Coastal Services Center

Overview Requirements In Action Training Support Get It Now

Overview

This tool aids in making decisions about habitat conservation, restoration, and land use planning. The Habitat Priority Planner takes away much of the subjective nature of the process by providing a means of obtaining critical habitat analyses that are consistent, repeatable, and transparent. The program allows users to easily test various ideas and "what if" scenarios on the fly, making it the perfect tool to use in a group setting.

Features

- Inventories** specific habitat or land-use types relevant to the site in question
- Assesses** target habitat or land-use type conditions with a process that automates the pre-packaged spatial analysis metrics
- Analyzes** "what if" scenarios such as the impact of new development or how restoration might change overall habitat function; participants can quickly and easily set the parameters—and change them as needed
- Gets** people involved thanks to the fast, interactive environment this easy-to-use system provides
- Creates** maps, reports, and data tables to enhance communication and the decision-making process

- **Software Requirements**

- ESRI's ArcGIS 9x. Coming soon – Arc10
- Spatial Analyst

- **Data Requirements**

- Raster or Vector base data (landcover, soil, benthic, model outputs, etc)
- *www.csc.noaa.gov/digitalcoast/data/index.html*
- Site-specific data sets (optional)

Habitat Priority Planner



- Classify habitats
- Analyze habitats
- Explore data

Building the User Community

Strategic conservation planning

- Maine, South Carolina, Alabama, Great Lakes

Restoration

- Maine, Great Lakes, Washington

Land-use planning

- Pacific Islands (CNMI, Hawaii), South Carolina

Water quality management

- Pacific Islands (CNMI), South Carolina

Resources

- Csc.noaa.gov/hpp
- Danielle.bamford@noaa.gov

- Training
- Manuals
- Download

Acknowledgements

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