SCAPE GRESHAM SMITH BIOHABITATS GOOD THINKING ATLANTA NEW SOUTH ASSOCIATES DR. NA'TAKI OSBORNE JELKS DR. RICHARD MILLIGAN EDWARDS-PITMAN

CHATTAHOOCHEE RIVER GREENWAY STUDY

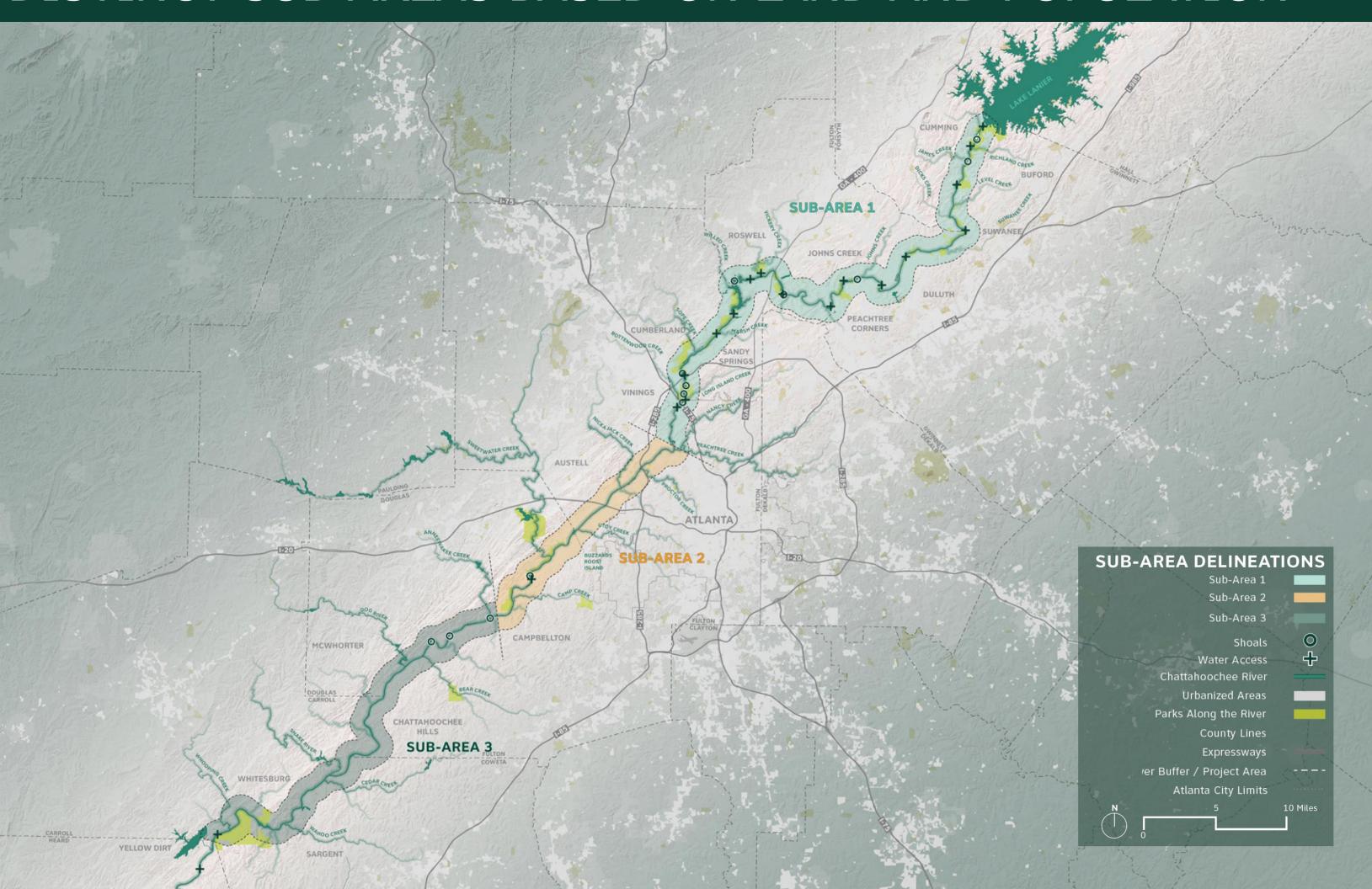
FOR THE CHATTAHOOCHEE RIVERLANDS

TASK 2 MEMO LITERATURE REVIEW & EXISTING CONDITIONS ANALYSIS

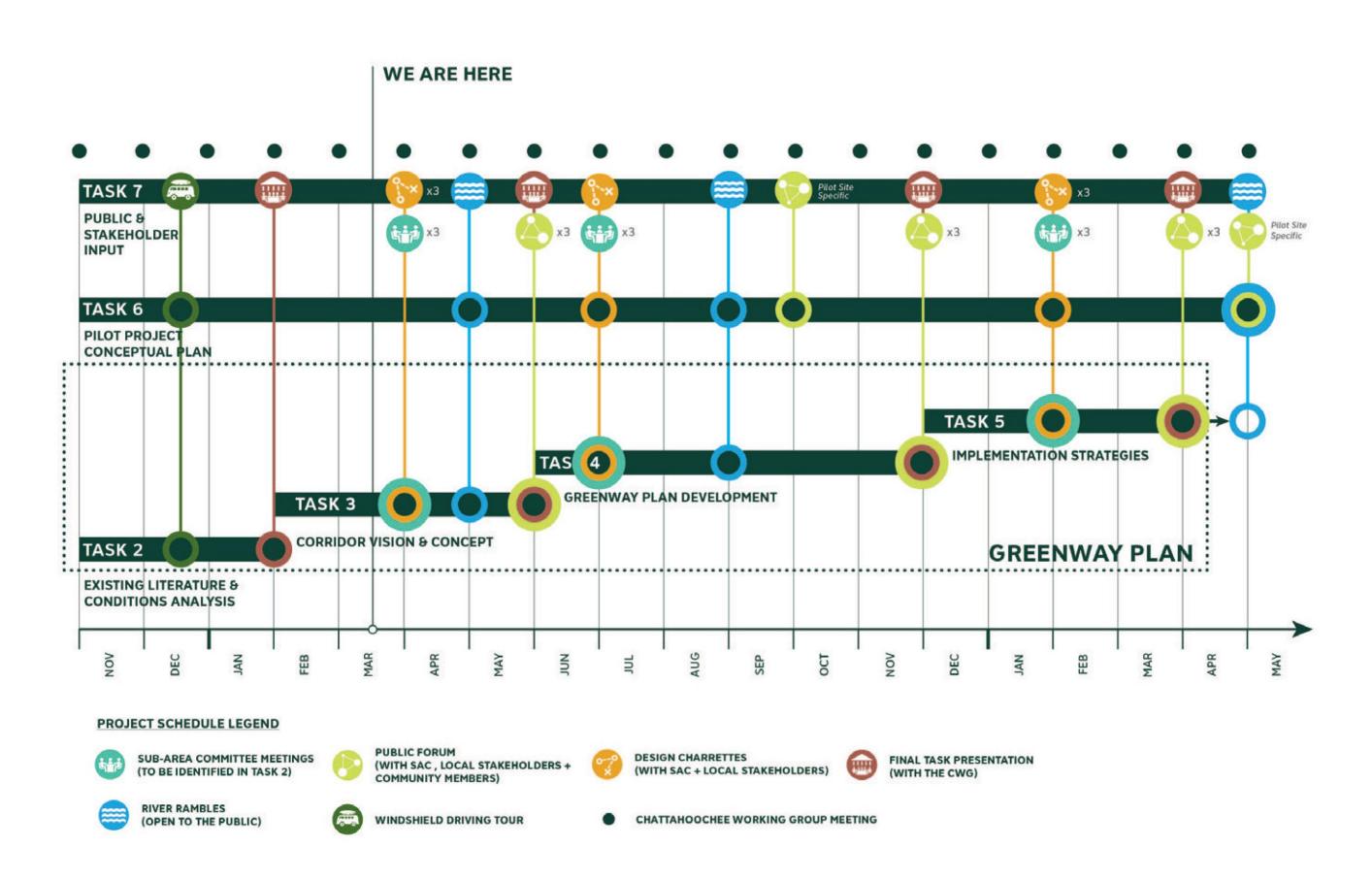
SUBMITTED 03/21/2019



STUDY AREA DISTINCT SUB-AREAS BASED ON LAND AND POPULATION



STUDY SCHEDULE & TASKS 2018-2020 – SEVEN MAJOR ELEMENTS





STUDY TEAM MULTI-SCALE AND MULTI-SECTOR

PROJECT MANAGEMENT TEAM:

ATLANTA REGIONAL COMMISSION



TRUST FOR PUBLIC LAND



COBB COUNTY







STUDY TEAM NATIONAL EXPERTS IN PLANNING, DESIGN, AND RESEARCH

DESIGN TEAM













Dr. Na'Taki Osborne Jelks, MPH

Dr. Richard Milligan





TASK 2: NEEDS ASSESSMENT FOUNDATION OF A DESIGN VISION

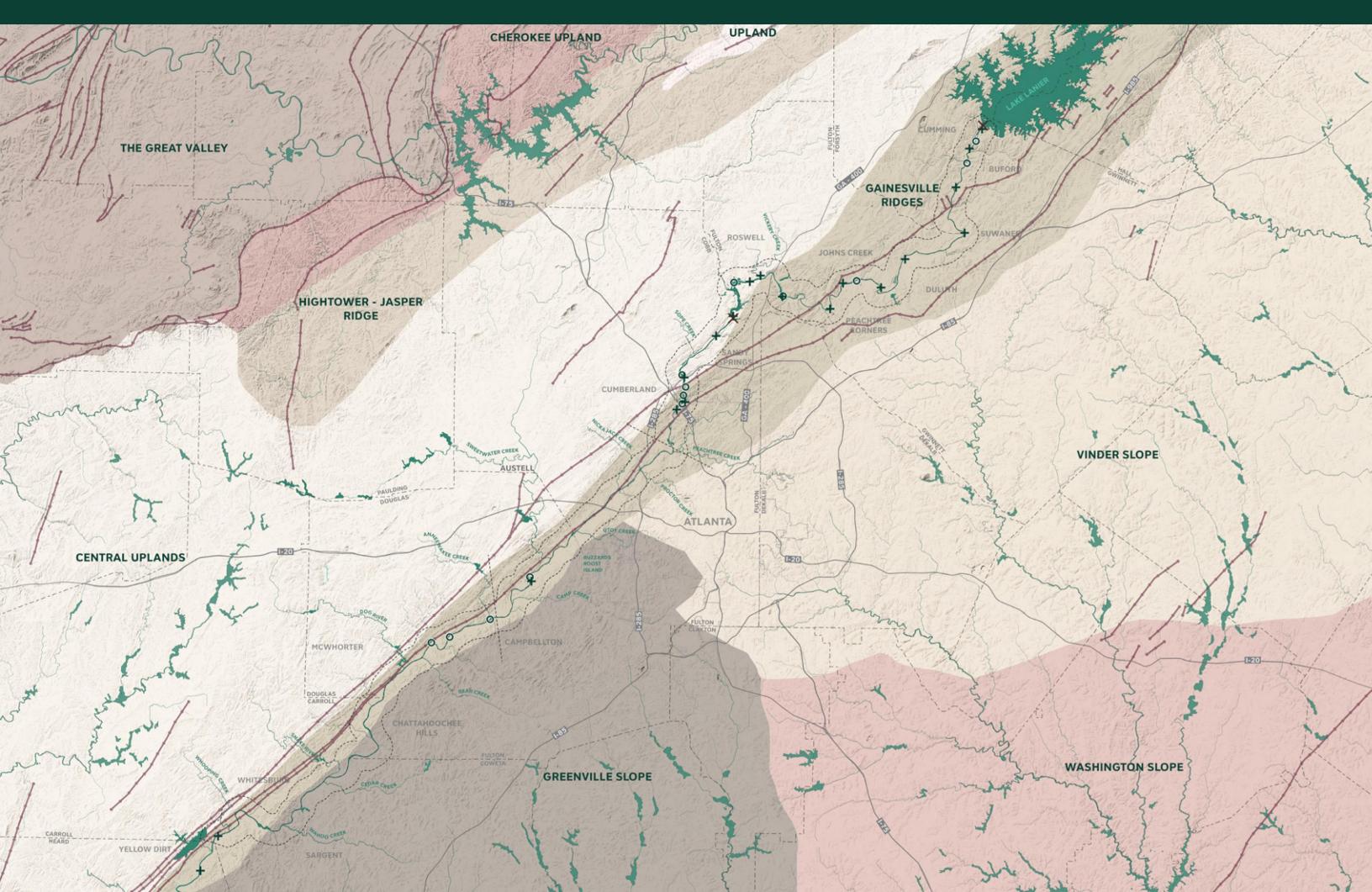


TASK 2: NEEDS ASSESSMENT DATA & LOCAL STORIES TO INFORM GREENWAY PLANNING

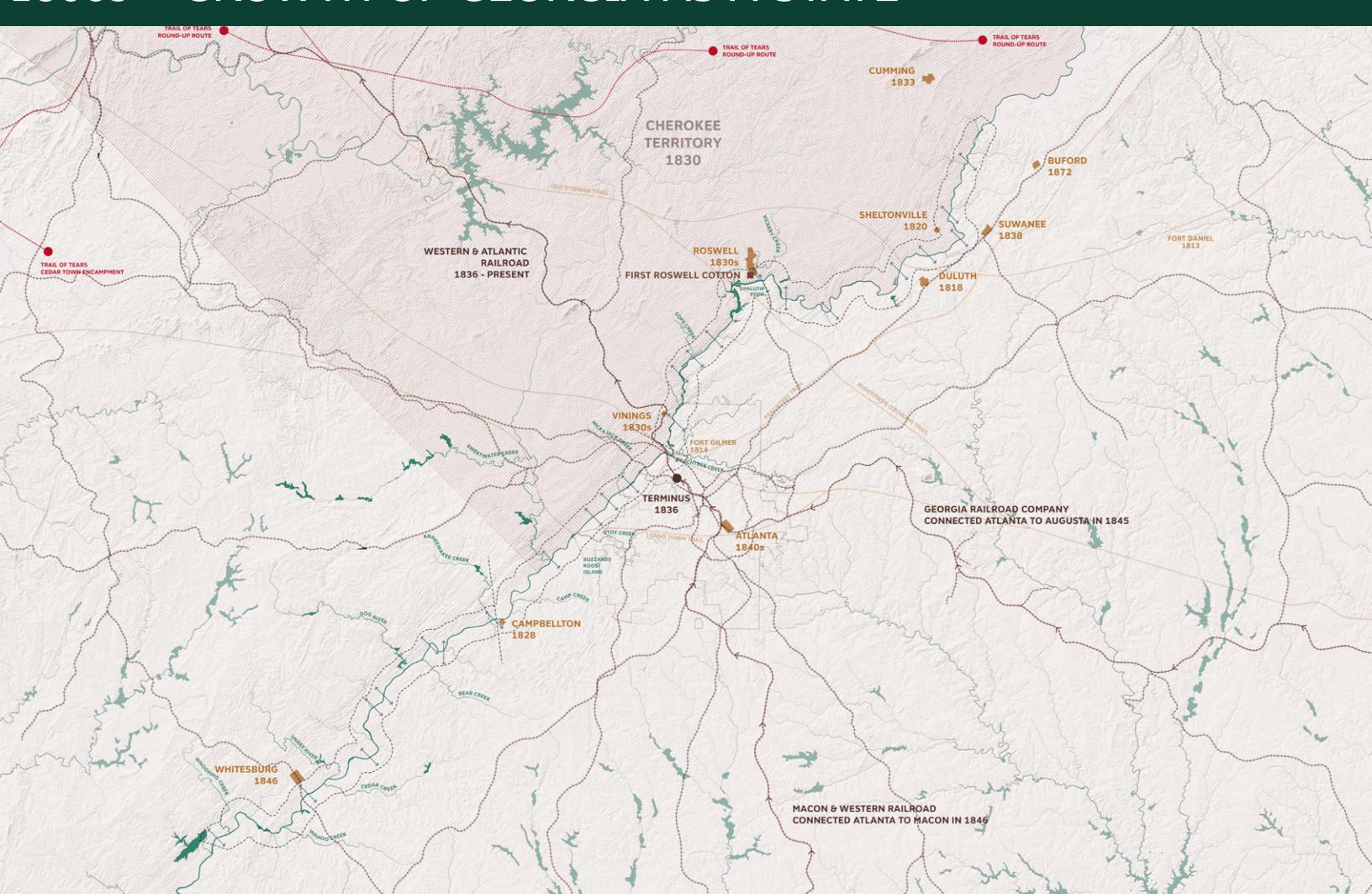
- » HISTORICAL AND CULTURAL RESOURCES History of human's interaction with the river and provides an inventory of historical remains of cultural significance.
- ECOLOGY
 Overview of key environmental features and resources along the Chattahoochee river.
- » <u>DEMOGRAPHICS</u> Inventory of demographics existing conditions using census data and looking at environmental justice indexes.
- » CONNECTIONS AND ACCESS
 Understand the current transportation system, development patterns, and land uses.



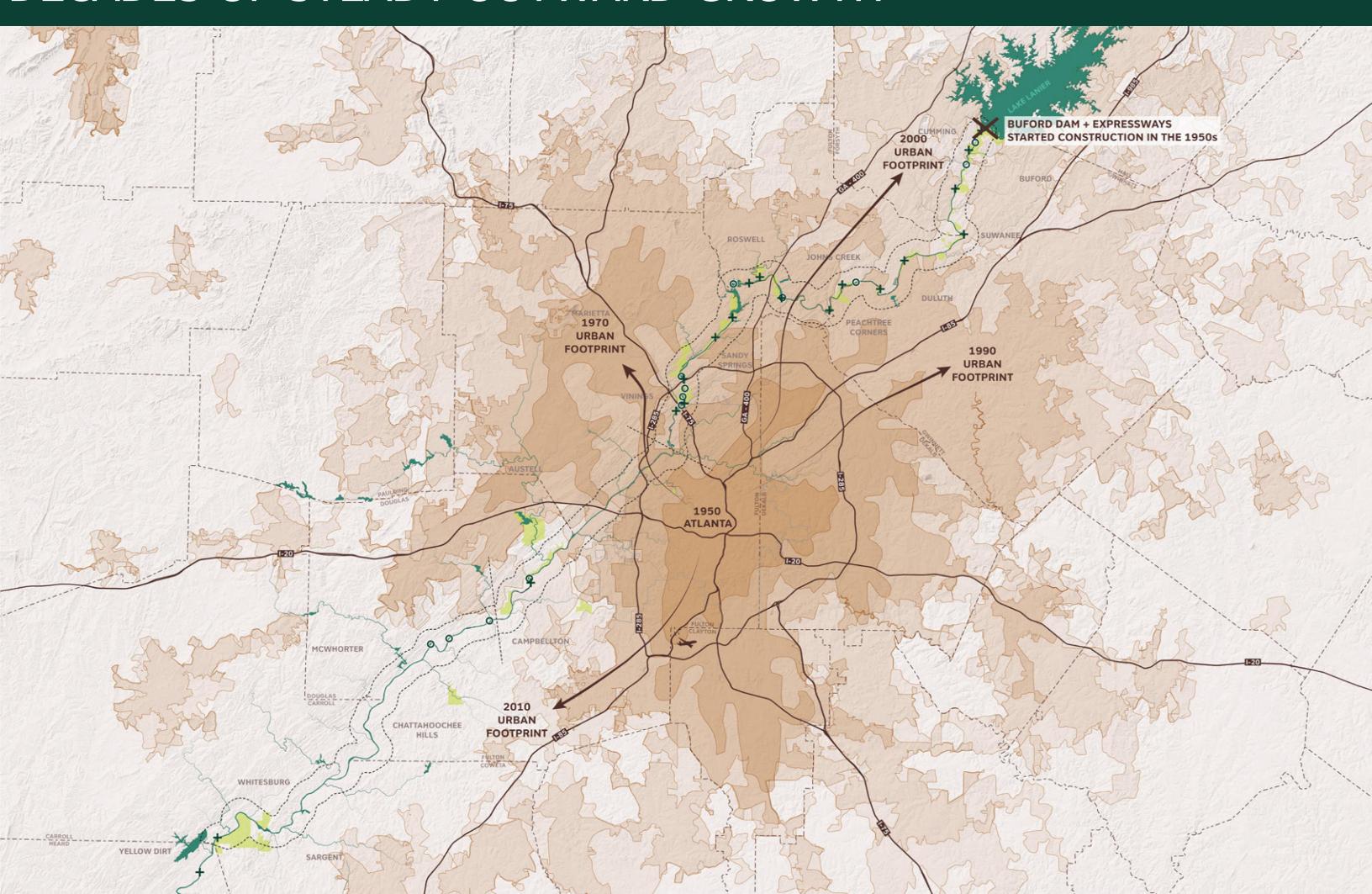
TASK 2: NEEDS ASSESSMENT GEOLOGIC PATTERNS DEFINE THE MODERN RIVER



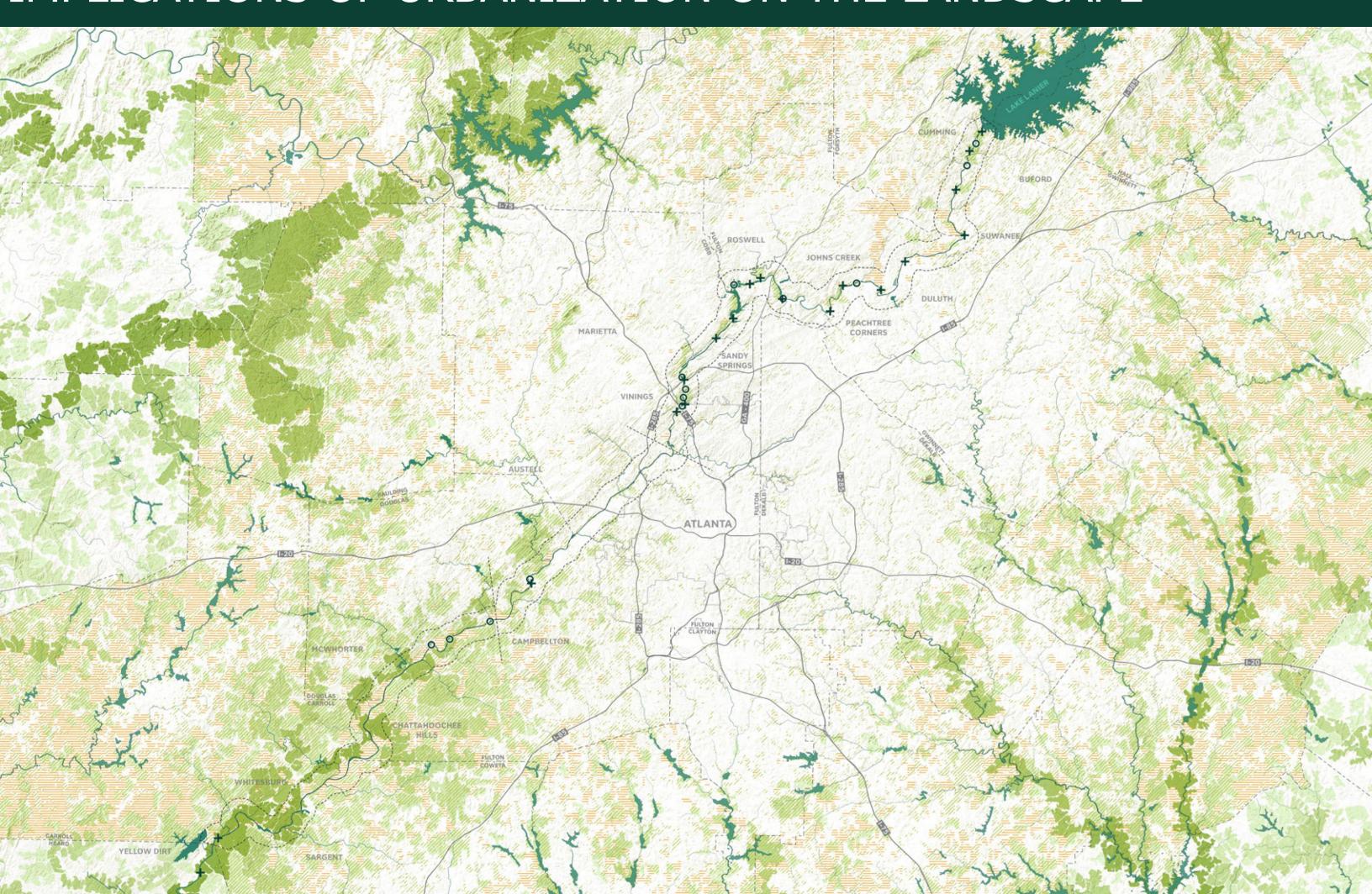
TASK 2: NEEDS ASSESSMENT 1800s – GROWTH OF GEORGIA AS A STATE



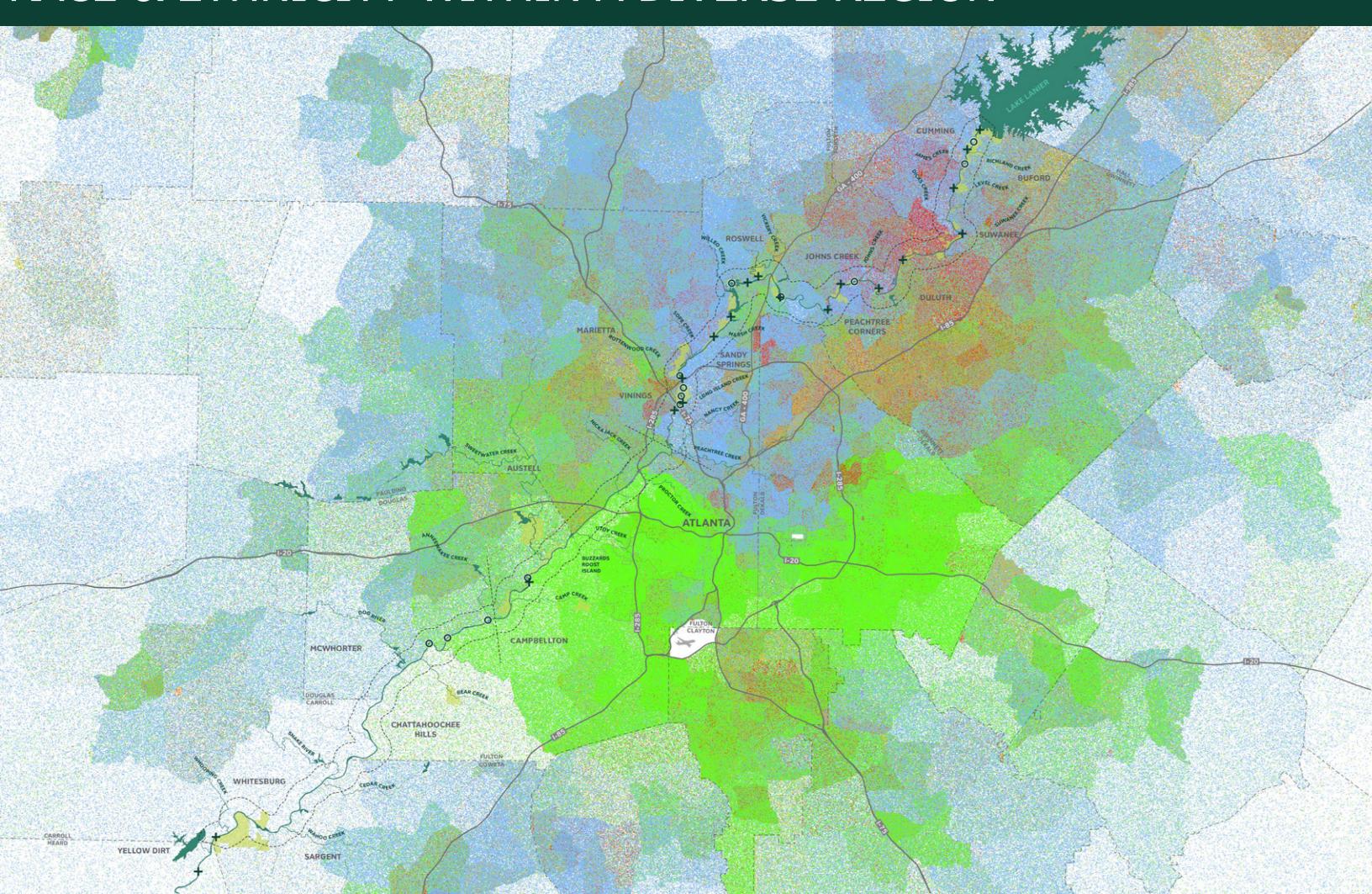
TASK 2: NEEDS ASSESSMENT DECADES OF STEADY OUTWARD GROWTH



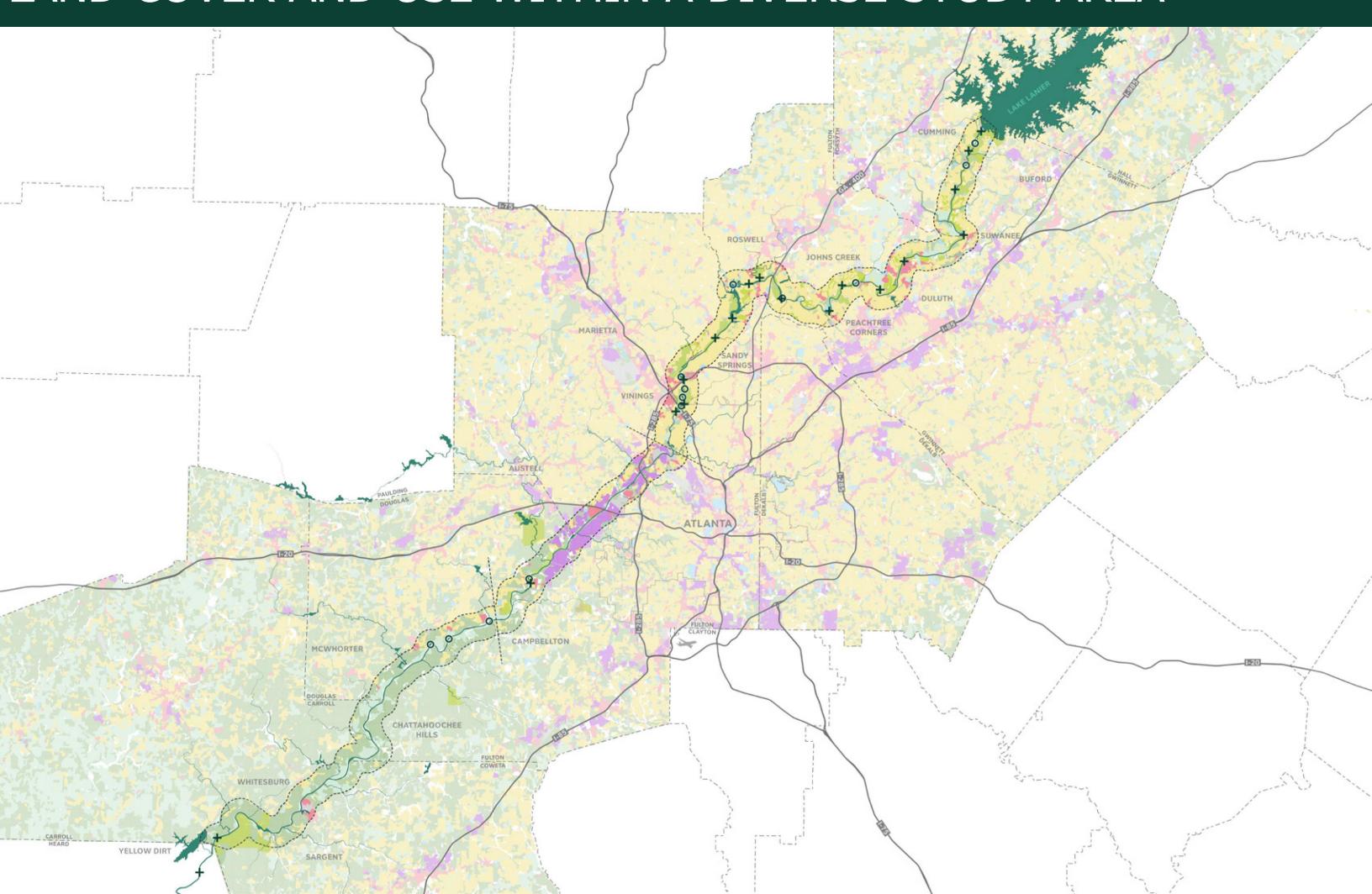
TASK 2: NEEDS ASSESSMENT IMPLICATIONS OF URBANIZATION ON THE LANDSCAPE



TASK 2: NEEDS ASSESSMENT RACE & ETHNICITY WITHIN A DIVERSE REGION



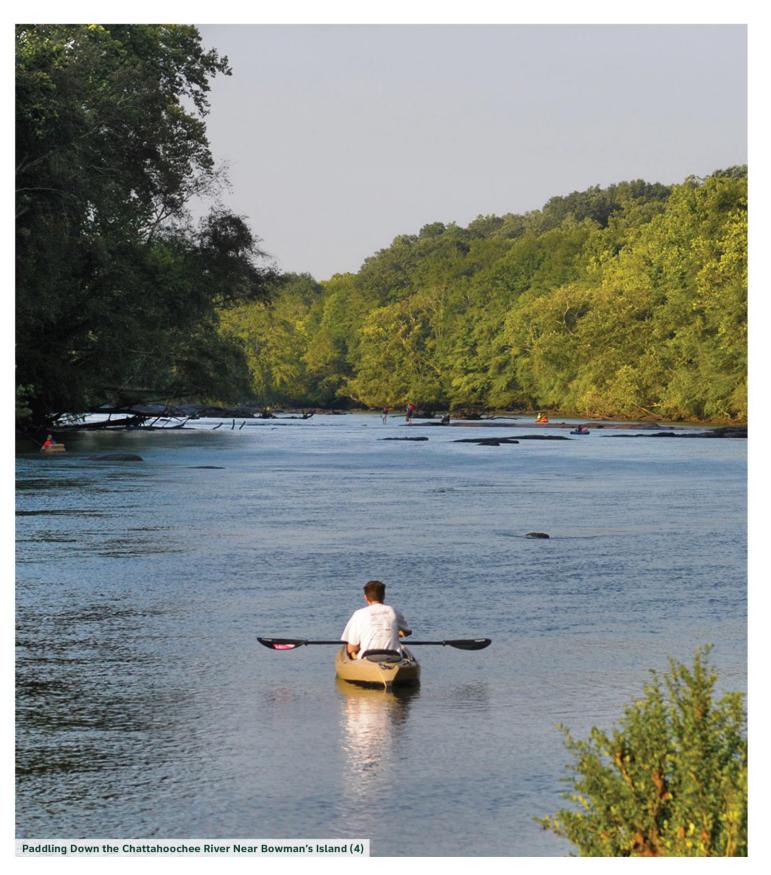
TASK 2: NEEDS ASSESSMENT LAND COVER AND USE WITHIN A DIVERSE STUDY AREA



TASK 2: NEEDS ASSESSMENT VALUE OF THE RIVER AS A PUBLIC DESTINATION









TASK 2: NEEDS ASSESSMENT REGIONAL PROTECTION FOR A LIMITED RESOURCE

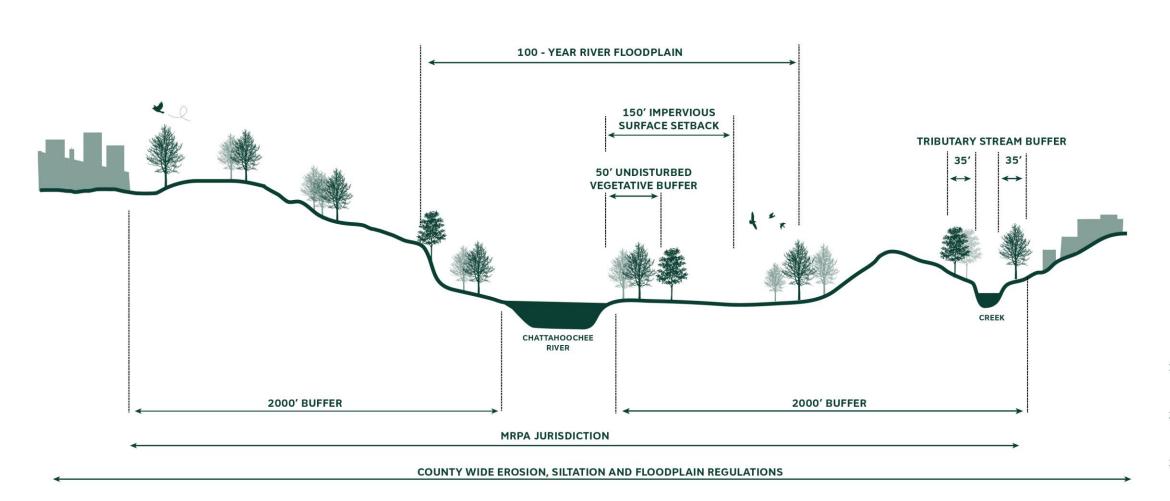
METROPOLITAN RIVER PROTECTION ACT

PROTECTING THE CHATTAHOOCHEE

In 1972, the ARC completed the Chattahoochee Corridor Study to address growing debate over the future of the river. The following year, the Metropolitan River Protection Act (MRPA) was adopted, protecting a 48 mile stretch of river between Buford Dam and Peachtree Creek with a 2,000 ft buffer along each side of the river. The Act was amended in 1998 to extend the Corridor an additional 36 miles to the downstream limits of Fulton and Douglas counties.

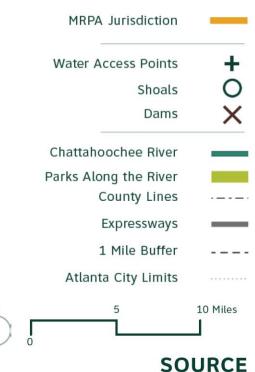
The MRPA standards includes a 50 ft undisturbed vegetative buffer along the river, a 35 ft undisturbed vegetative buffer along streams in the corridor and a 150 ft impervious surface setback from the river.

In developing the standards for MRPA, the River Corridor Protection study developed a classification system for zones along the river based on soil erodibility, vegetation, hydrology, slope, flood plain and scenic views. From this land vulnerability maps were developed to be used as recommendations for future planning along the corridor. Land is classified by category A through F, from slight to severe vulnerability. Any land-disturbing activity must comply with the applicable rules pertaining to its classification type.



METROPOLITAN RIVER PROTECTION ACT CORRIDOR

A 48-mile stretch of the Chattahoochee between Buford Dam and Peachtree Creek establishing a 2,000 foot buffer along both banks of the river. The Act was amended in 1998 to extend the corridor 36 miles downstream to the limits of Fulton and Douglas counties.



"Chatthocchee Corridor Study." Atlanta Regional Commission. 1972.

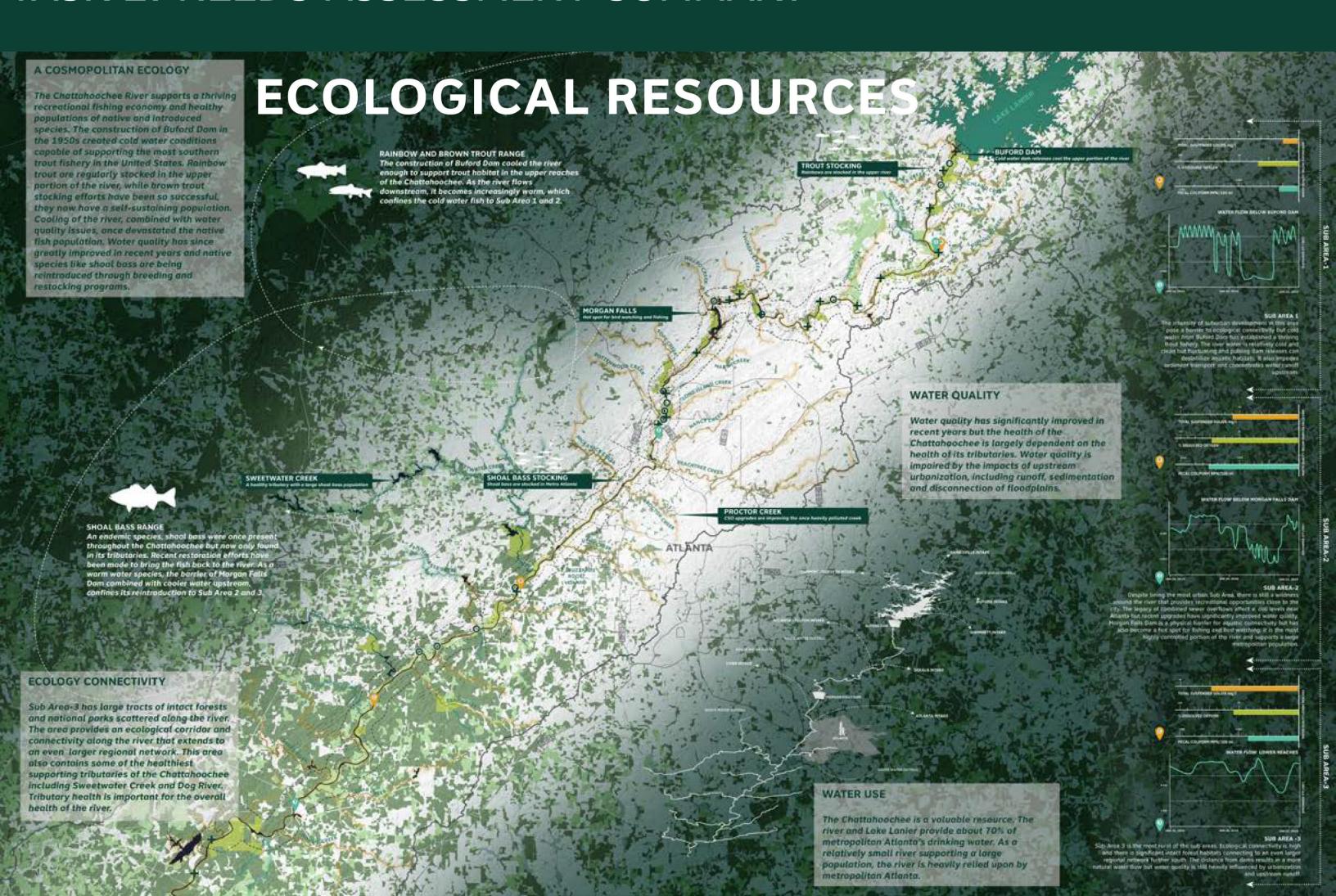
https://cdn.atlantaregional.org/wp-content/uploads/2017/03/

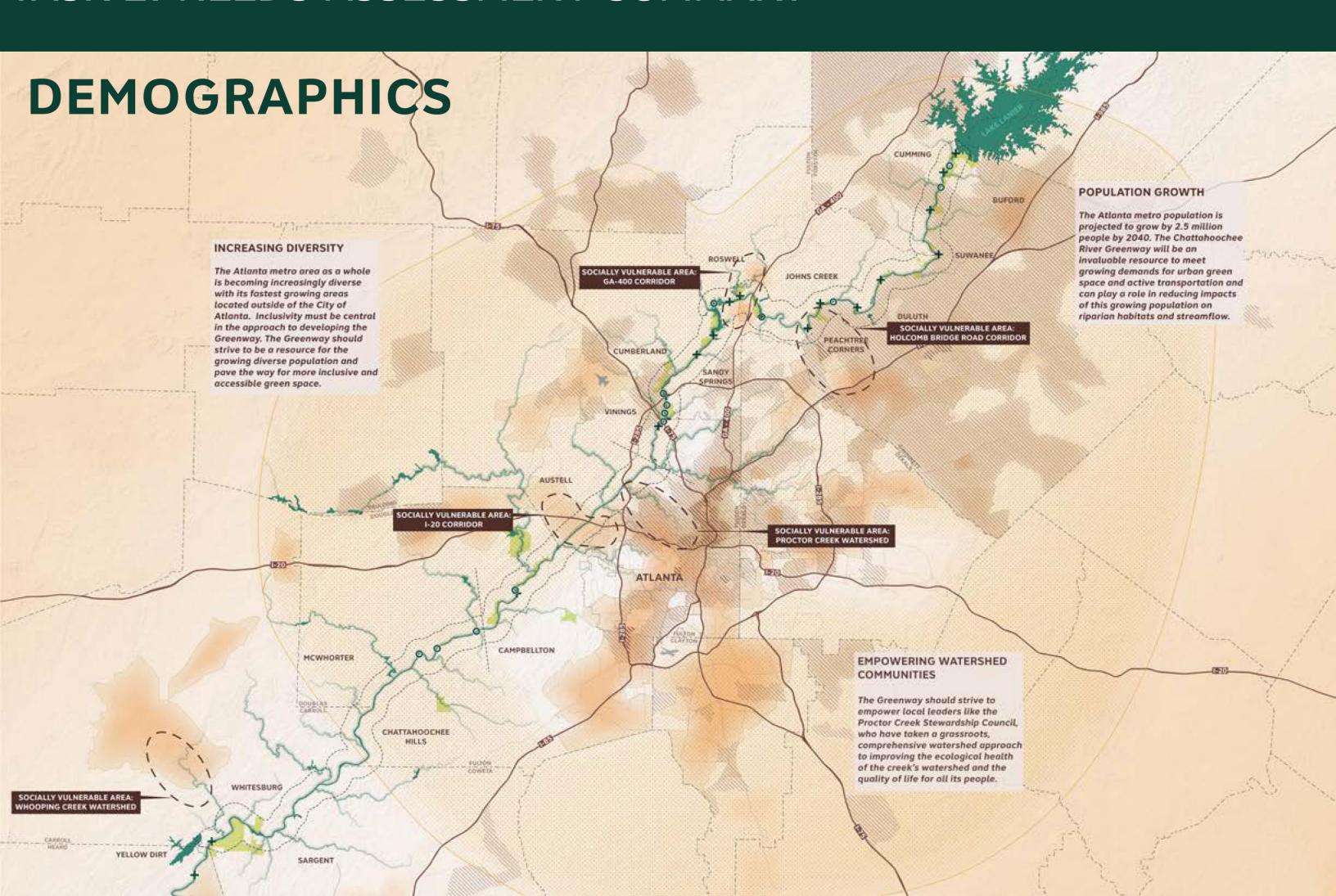
- 2. "Chattahoochee River Corridor." Atlanta Regional Commission 2016.http://opendata.atlantaregional.com/datasets/ JohnsCreekGA::chattahoochee-river-corridor
- "Chattahooche Corridor Plan" Atlanta Regional Commission. 1998. https://cdn.atlantaregional.org/wp-content/uploads/2017/03/ ep-corridor-plan.pdf

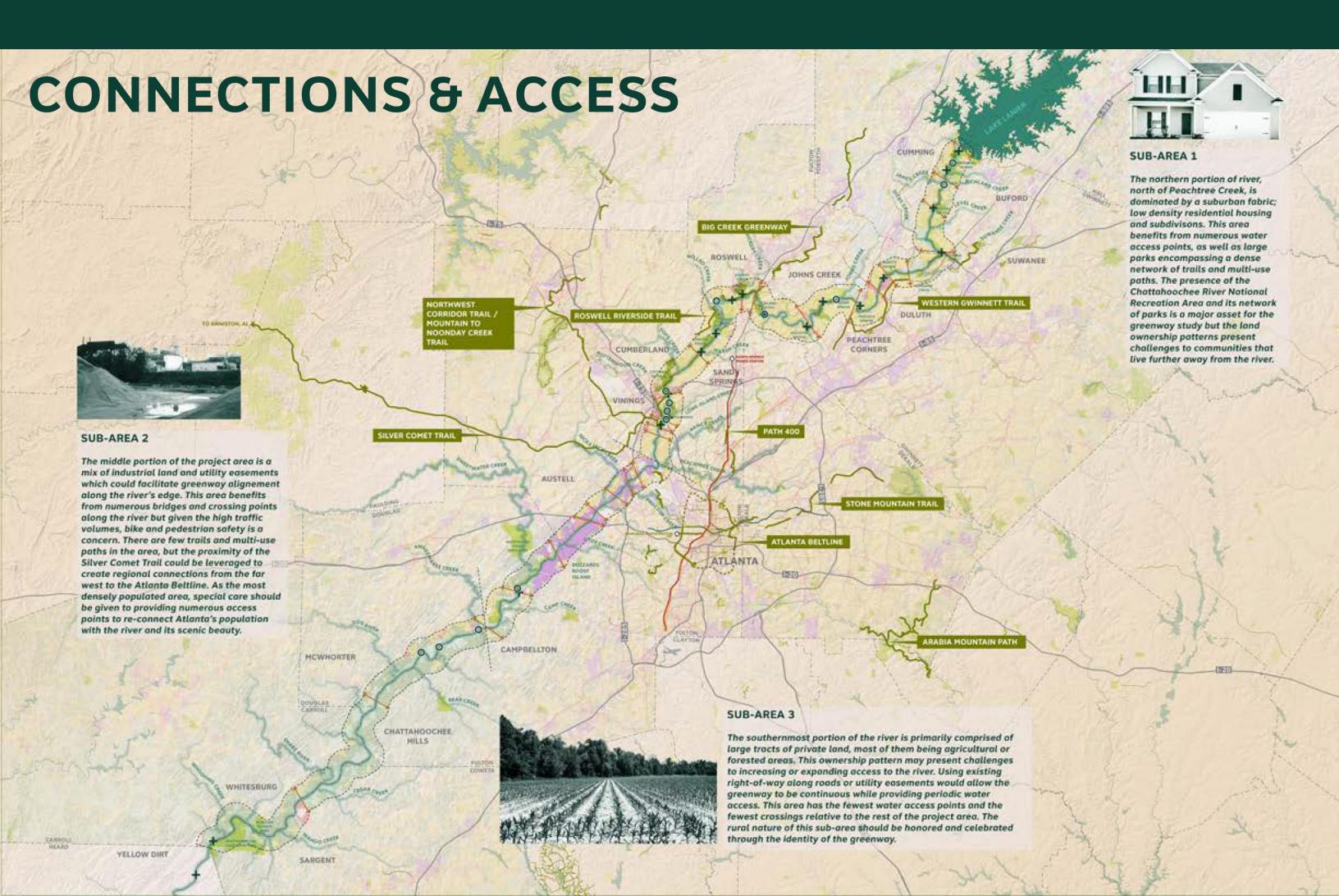


ep-chatt-corridor-study-7-72.pdf









TASK 3: CONCEPT & VISION QUESTIONS FOR PLANNING, DESIGN, & PUBLIC INPUT

- » Should the greenway prioritize access or conservation?
- » Could the greenway not only "do no harm" but actually improve ecological connectivity or restore habitat?
- » Should access points be distributed equally along the length of the river?
- » Who are the target users of the greenway?
- » What areas need access to open space the most?
- » Should the greenway incentivize economic development?
- » How can the greenway project avoid displacing socially vulnerable communities in this process?
- » Should it be a nature experience or have an active recreational feel?

