## SCHOOL OF FOREST RESOURCES & CONSERVATION

# URBAN AND URBANIZING FOREST MANAGEMENT A McIntire-Stennis supported project since 2010

55% of the world's population lives in urban areas. According to the United Nations, this could increase to 70% by 2050. As one of the most heavily populated, fastest growing, and most visited states in the US, Florida is at the epicenter of this trend. As our population grows, communities must expand. The resulting urban redevelopment, infill, and sprawl creates complex challenges. Florida is on the frontline of this issue and we are providing leadership in developing the knowledge and understanding of how to address this increasingly complex conservation concern.

Research is needed to understand how individual trees are responding to the built environment and how they need to be managed. In rapidly urbanizing environments like Florida, ecological concerns such as biodiversity and water quality and quantity need to be addressed along with economic and sociological issues such as valuation of ecosystem services and public health issues for urban populations.

# <image>

See full graphic on reverse.

## About McIntire-Stennis

The McIntire-Stennis program, a unique federalstate partnership, cultivates and delivers forestry and natural resource innovations for a better future. By advancing research and education that increases the understanding of emerging challenges and fosters the development of relevant solutions, the McIntire-Stennis program has ensured healthy resilient forests and communities and an exceptional natural resources workforce since 1962.



### IMPACT

COLLABORATION

National Science Foundation, USDA Forest Service

Southern Research Station.

US Environmental Protection Agency, Florida Forest Service, City of Tampa, City of Gainesville, Pinellas County,

In partnership with:

We have been conducting ecological assessment of urban areas. The provide quantifiable data on the urban forest species composition, structure and values for the ecosystems services they provide. The City of Tampa and the City of Gainesville are the most recent projects completed.





9.3 million Number of trees in Tampa, made of 112 different species



The total ecosystems services value provided by trees in Tampa

