Natural Resource Planning

Osceola County Natural Lands Department

Principal Ecologist:

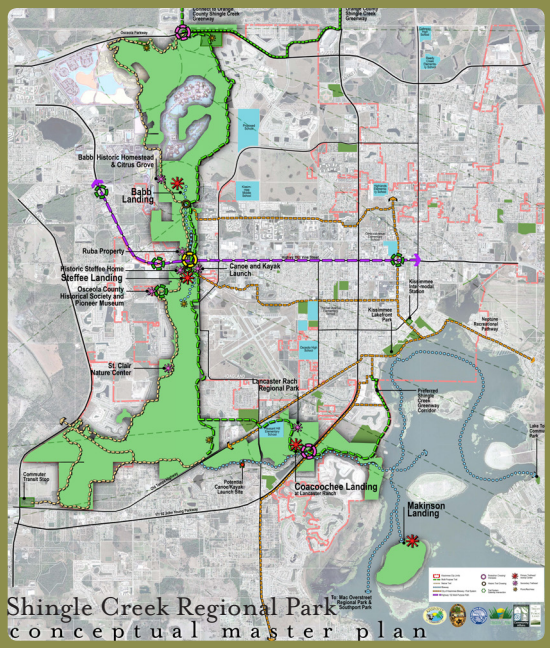
Dr. Jay Exum led a natural resource team in the development of numerous natural resource management plans across the County, and participated as an external Peer Reviewer on a development plan that would affect more than 100,000 acres of agricultural and natural lands in the County.

Primary Accomplishments:

- *Created resource management plans that met the requirements of state agencies involved with funding land acquisition*
- *Defined long-term objectives, short-term management and a format for annual implementation and monitoring*
- *Provided strategies that will allow public use and resource protection and management*
- *Delivered numerous plans on-time and on budget in a relatively short time-frame*

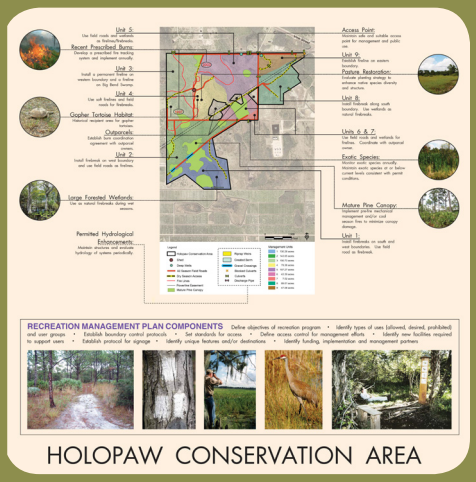
Challenges:

- *Balancing public use and resource protection*
- *Efficiently creating management plans on projects of a relatively small scale*
- *Considering the County's desires for economic growth and effective resource protection*



Shingle Creek Recreation and Resource Protection Plan

Paddling Shingle Creek in Osceola County



Summary poster for near-term management actions

Snail kite on natural lands in Osceola County

Osceola County, FL

Assignment

Create natural resource management plans that incorporate appropriate public use for a series of projects that encompass both regional- and local-scale conservation initiatives.

EXUM ASSOCIATES, INC.