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Low Impact Development Workshop





Katrina Locke: Green Volusia

Kelli McGee: Center for Earth Jurisprudence

Smart Growth

A VISION BASED ON THREE PRINCIPLES:

- A CLEAN, HEALTHY ENVIRONMENT ("GREEN INFRASTRUCTURE"),
- 2. STRONG, LIVABLE COMMUNITIES AND
- 3. A STRONG ECONOMY.

Florida's Global Brand?











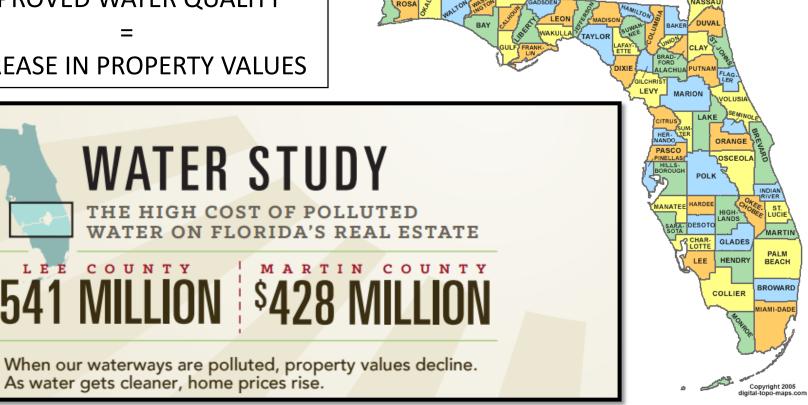


What do we want?

THE IMPACT OF WATER QUALITY ON FLORIDA'S HOME VALUES FLORIDA REALTORS STUDY

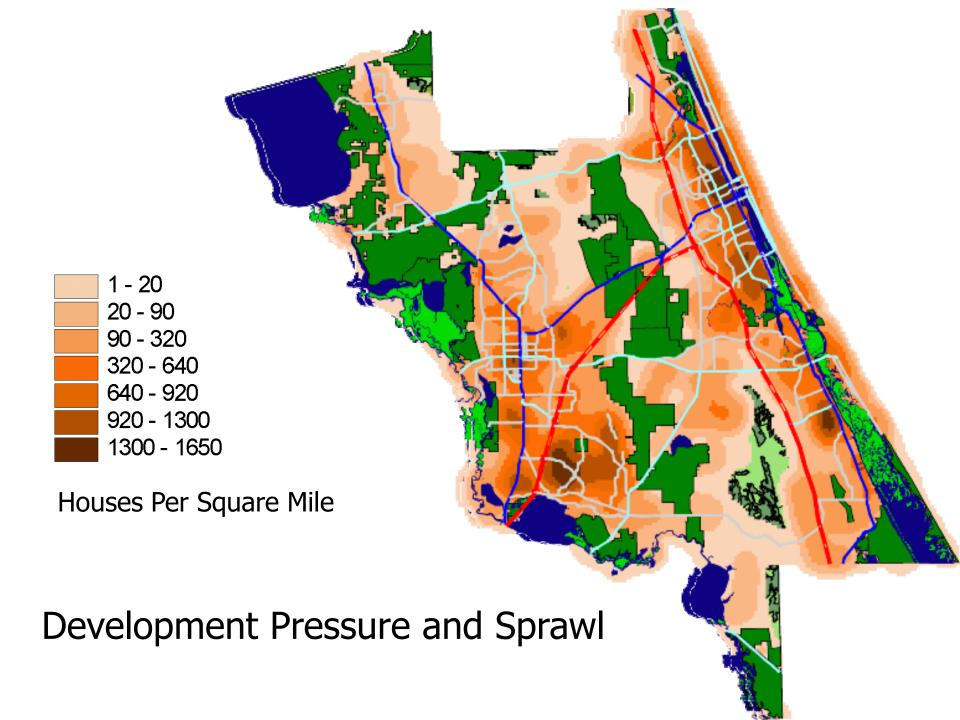
IMPROVED WATER QUALITY

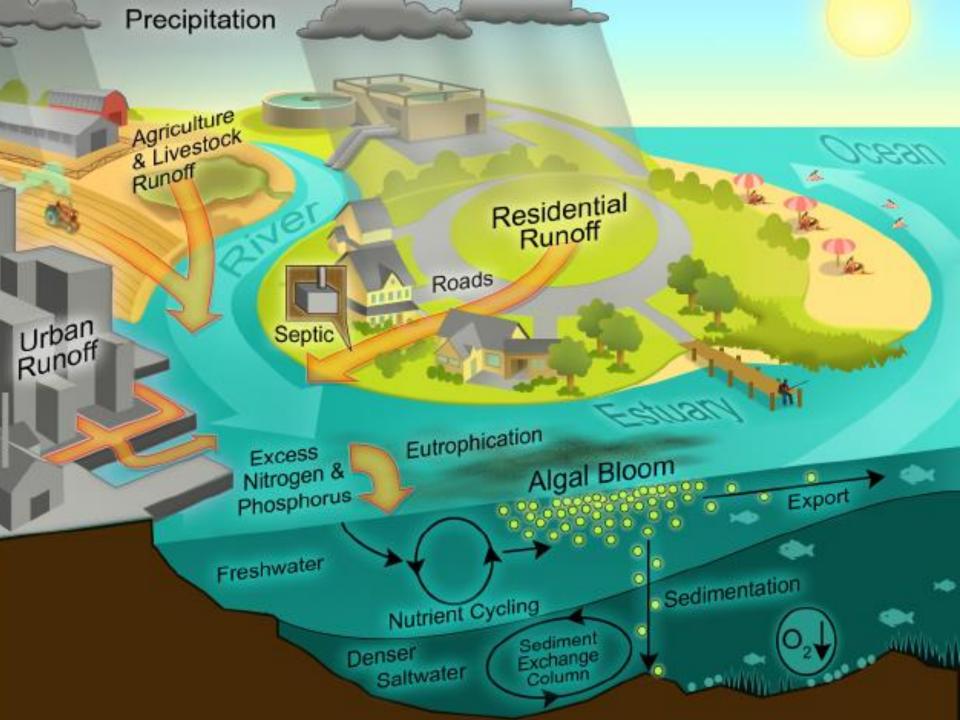
INCREASE IN PROPERTY VALUES



http://www.floridarealtors.org/







NUTRIENTS

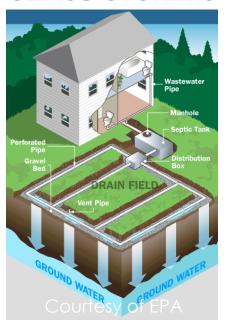
STORMWATER



WASTEWATER



SEPTIC SYSTEMS



FERTILIZER



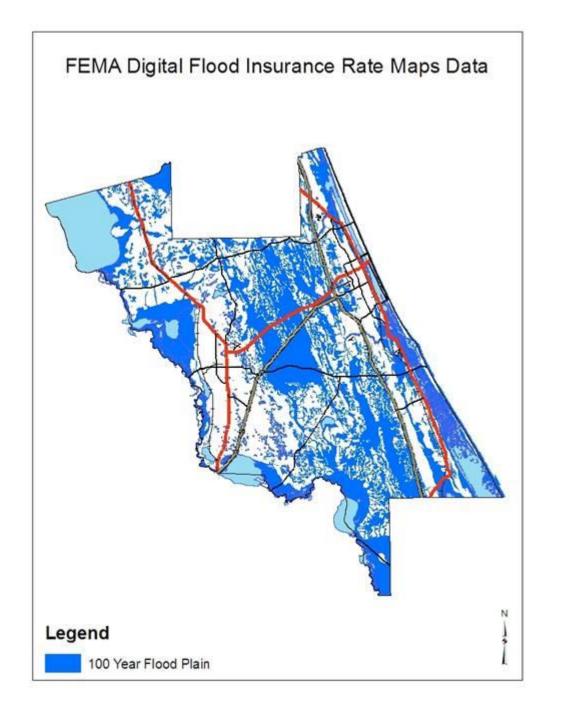
2005 Keystone Recommendations of the Volusia Smart Growth Implementation Committee

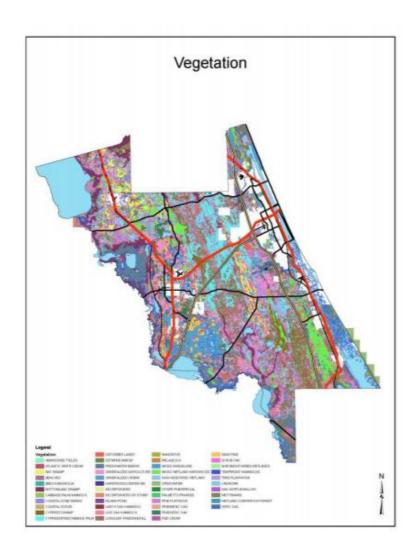
- 1. Protect the Environmental Core
- 2. Direct Development to Appropriate Locations
- 3. Develop vibrant, livable and sustainable urban communities
- 4. Ensure the continued existence of rural lands and agriculture
- 5. Meet the infrastructure needs of smart growth
- 6. Integrate Education and Smart Growth
- 7. Integrate Economic Development and Smart Growth

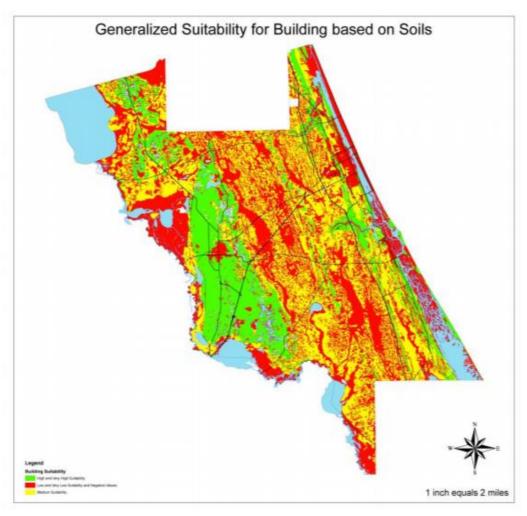
Comprehensive Plan

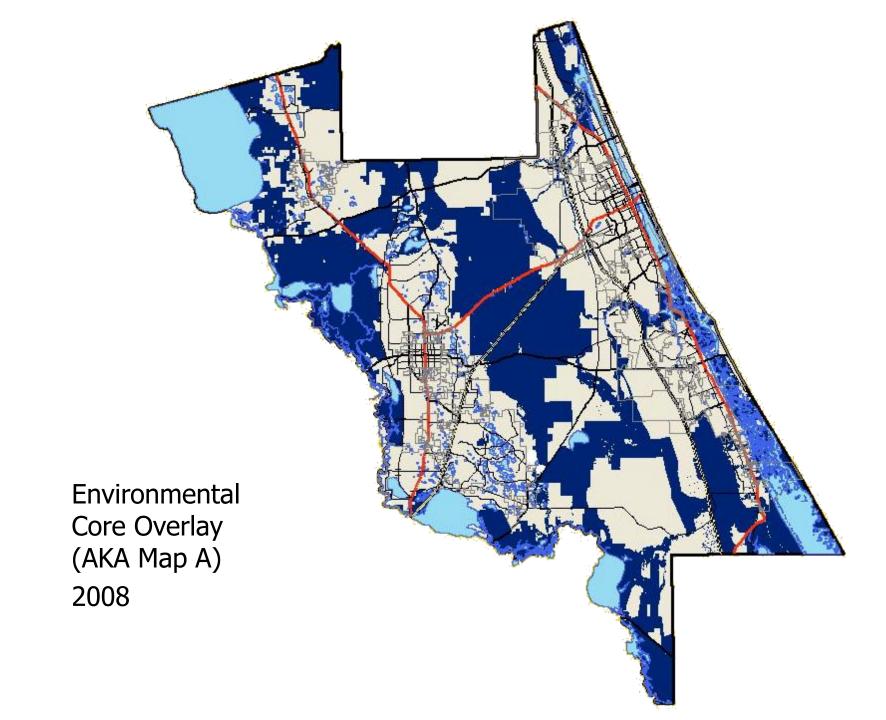
Goal: To ensure that Volusia County retains an interconnected core network of environmentally important lands to help preserve the County's ecosystems into the future.*

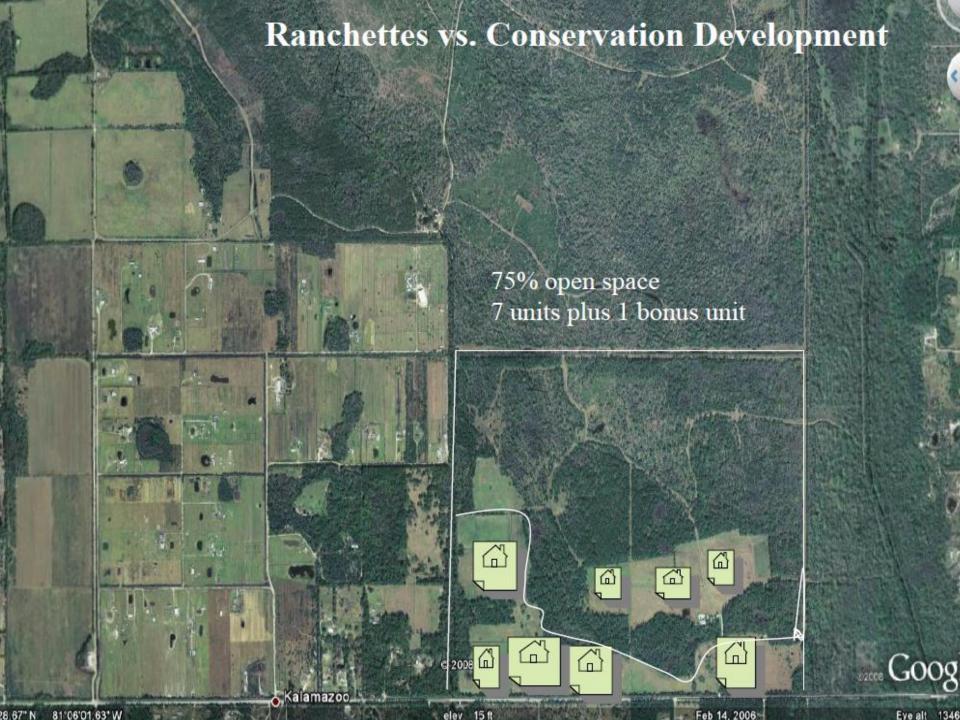
*2005 Smart Growth Implementation Committee Final Report



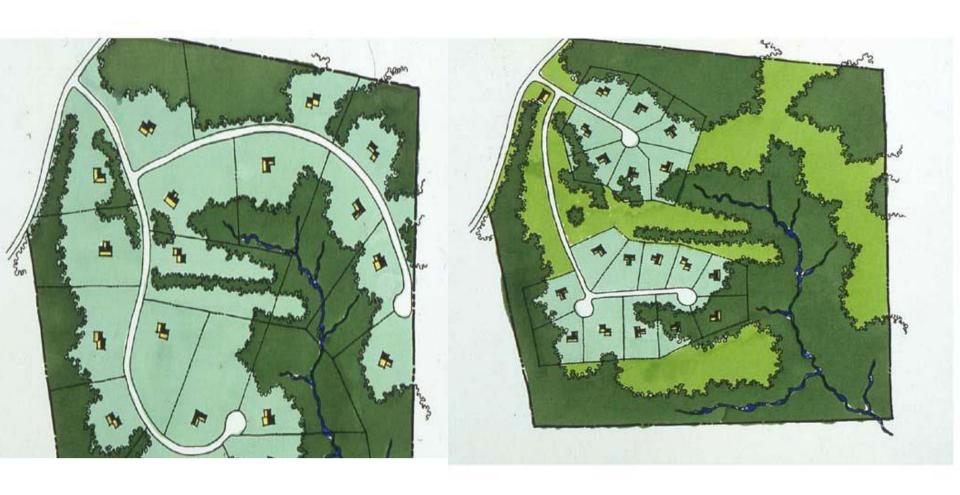








Conservation design yields the same number of homes as a conventional subdivision. The difference is the layout of the homes and lots, with the conservation design resulting in greater open space preservation, less pavement and shorter distances to run utilities.



Find ways to reduce impervious parking areas associated with new development.



Water Reuse







AMERICAN RAINWATER CATCHMENT
Systems Association













What is rainwater harvesting?

- Collecting rainwater
- Storing rainwater
- Using rainwater

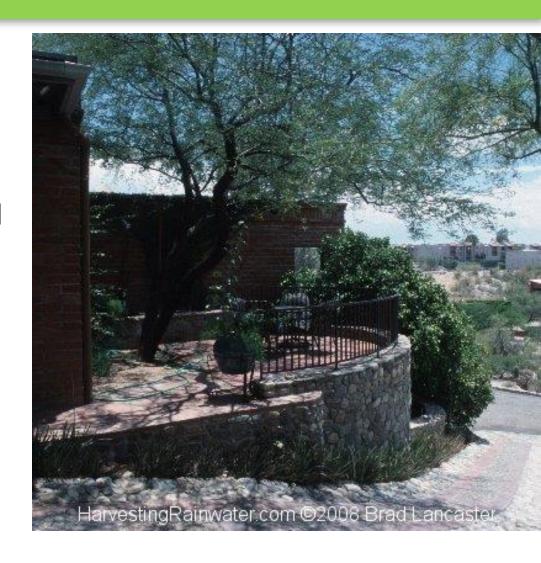




Where's the cistern here?

Cistern patio

Cistern (below table and chairs) doubling as a patio. Harvested water is directed to citrus trees below on south-facing side of the cistern's mass.





Rain Gardens



See FYN for planting suggestions.

Courtesy: ARCSA







Hometown News: Clean Water

Volusia County officials and others cut the ribbon for a new reclaimed water facility that is expected to help improve water quality for the springs in West Volusia.

Volusia County Sustainability Action Plan





Provide a Healthy Economy



Maintain a Healthy Environment



Promote a Healthy Community



Encourage Efficient **Transportation** and **Community Design**



Conserve Water and Promote Water Efficiency



Conserve Energy and Promote Renewable Energy



Reduce Waste and Promote Recycling

PROTECT OUR FUN.

Skip the fertilizer this summer. And save our lagoon **for fun**.







Befloridiannow.org



By following these rules, you can keep our water, and fun, clean!

Skip the fertilizer

2. Cut the Grass

4. Right plant, Right place

3. Save the water

5. Give poison a pass

	Know your watering days		
Viduaia County	Homes with odd numbered or no addresses	Homes with even numbered addresses	Nonresidential properties
Daylight Saving Time	Wednesday and Saturday	Thursday and Sunday	Tuesday and Friday
Eastern Standard Time	Saturday	Sunday	Tuesday
Water for no mor Restrictions appl ground or surface	needed; not between re than one hour per zo y to all water sources is e water, and water fror strictly enforced begin	ne; no more than % " ncluding private wells in public and private ut	and pumps.







Save Our Springs and Rivers

LID Workshops:
 September 20
 November 15



Save Our Springs and Rivers

- Save Our Springs and Rivers Academies
- Community Based Social Marketing Campaign













