Workshop broadcast will be posted to 1000 Friends of Florida's website.

https://1000fof.org/county/brevard/
TODAY'S SPEAKERS

Amy Reaume
Conservation & Aquarium
Project Coordinator
Brevard Zoo

Paul Owens
President
1000 Friends of Florida

Jane West
Policy & Planning Director
1000 Friends of Florida

Dr. Anthony Catanese
President Emeritus
Florida Tech University
Brevard County in 2070

PLANNING TODAY
FOR A BETTER TOMORROW

Photo by Vince Lamb
Florida’s leading nonprofit advocate of sustainable development

- Working with citizens, community and state leaders, conservation and business groups

- Building better communities

- Saving special places

- Connecting people with planning
Our co-founder, Nathaniel Pryor Reed
1933-2018

His vision: Protecting Florida’s environment, economy and quality of life by responsibly managing growth

Photo by Mac Stone
Who cares about Brevard County?

We do
1000 Friends’ policy priorities

- Preserving natural and agricultural land from development
- Restoring and protecting environmental treasures
- Defending the planning process
- Expanding the supply of affordable workforce housing
- Promoting transportation alternatives
- Fighting climate change and preparing for sea-level rise
Florida 2070/
Water 2070

- Three partners: 1000 Friends, University of Florida, Florida Agriculture Department
- One question: What kind of state do you want to leave to your children, and their children?
Using moderate projections, by 2070, Florida is expected to have 33.7 million residents, about 15 million more than it had in 2010.

This growth has significant impacts on Florida’s lands, waters, roads, and quality of life.
Florida’s Land Use: 3 Scenarios

2010 Baseline

2070 Trend

2070 Alternative
Florida’s Water Demand: 3 Scenarios

2010
Baseline

2070
Trend

2070
Alternative
Development & Agricultural Demand for Water in Florida
Benefits from compact development

- Lighter environmental impact
- Lower costs for taxpayers for public services
- More transportation options
- Less time stuck in traffic
- More housing choices
Small land-use changes: It all adds up

- The cumulative impact of multiple small land-use changes will, over time, shape the future landscape of Florida.
Projected population growth in Brevard County

- 2010: 543,000
- 2070: 801,000
Some caveats

- 2070 data was intended for statewide and regional use; discrepancies inherent when using at smaller geographic scales
- 2070 scenarios don’t reflect current growth management rules
- 2070 scenarios don’t project impact of sea-level rise
Brevard County’s Land Use: 3 Scenarios

2010 Baseline

2070 Trend

2070 Alternative
Brevard 2070 Base Scenario

- Existing Development (26%)
- Protected (excluding agriculture)
- Protected Agriculture
- Agriculture (croplands, livestock, aquaculture)
- Other (mining, timber, etc)
Brevard 2070 Trend Scenario

- Existing Development: 26%
- 2070 Development: 9%
- Protected (excluding agriculture): 18%
- Protected Agriculture: 8%
- Agriculture (croplands, livestock, aquaculture): 36%
- Other (mining, timber, etc): 3%
Brevard 2070 Alternate Scenario

- Existing Development
- 2070 Development
- Protected (excluding agriculture)
- Protected Agriculture
- Agriculture (croplands, livestock, aquaculture)
- Other (mining, timber, etc)
Brevard County’s Water Demand: 3 Scenarios

- **2010 Baseline**
- **2070 Trend**
- **2070 Alternative**
A better alternative for Walton County
What’s at risk in Brevard County’s future growth and development?
Save land!
Save water!
Save the Lagoon!
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Brevard 2070

WHAT CAN WE DO TODAY TO PLAN FOR A BETTER TOMORROW?
Geographical Constraints:

Brevard County faces challenging geographical issues because it is a long, thin county with multiple large waterways including the Indian River Lagoon, the Banana River and the St. Johns River.

1,557 sq. mi. land mass, 541 sq. mi. is water (35%)

Lack of a major urban center
Brevard’s population

- Below average household wealth (median household income $48K vs. $53K)
- Majority of population has a H.S. degree (51%) 39% have a higher degree
- Renters make up 22.6% of the population. Average cost of a home is $210K
- 75% white, 10% black, 10% hispanic
- Median age is 47
- Income and access to housing is unequally distributed throughout the county
Average one-way commute time is 24.5 minutes.
How to get to a better future in Brevard County

- Protect rural and agricultural lands from incompatible development
- Promote compact development
- Promote infill development with sensitivity to local environment, history and culture
- Locate new developed areas near other communities and infrastructure
- Avoid development in floodplains
More goals for Brevard County’s growth

- Include mixture of homes, shops, schools and offices within close proximity in new development and the retrofit of existing development
- Encourage a range of housing choices to ensure affordability
- Configure new development for multiple transportation options, including walking, biking and public transportation
Ways to protect Brevard’s environment

- Protect land on Florida Forever and Florida Greenways lists
- Support funding for these programs
- Create incentives and provide funding for landowners to conserve their agricultural property
- Lessen environmental impact of new development
Cut water demand outside

- Reduce water used for landscape irrigation
- Restrict fertilizer use
- Educate about fertilizer impacts
- Use Fla.-Friendly Landscaping™
- Use properly designed and operated sprinkler systems
Cut water demand *inside*

- Choose Florida Water Star properties
- Follow Water Star guidelines in remodeling
- Use Water-Sense appliances
Mission: Contribute to enhancing and ensuring Brevard's quality of life... Today and Always

Vision: A community which excels and is recognized for...
- Providing for the Health, Safety, Education and social Needs of our community
- Building a diverse, strong economic base with the needed infrastructure to support a quality lifestyle
- Protecting the environment and conserving our valuable natural resources
- Creating cooperative partnerships between government, business, community organizations and our residents
- Maximizing performance and communications to provide excellent service to our customers
Where is Brevard excelling?

- Economic Development
- Public Safety
- Education
Economic Development

- Port Canaveral is one of the world’s busiest cruise ports
- Aerospace industry ranks the county as a high tech center
- Trade, transportation, utilities and professional services are the biggest economic drivers
What does Brevard County need to improve upon?

- Water Quality
- Growth Management
- Conservation Land/Green Space
- Public Safety
- Affordable Housing
- Government Transparency/Accountability
- Education (school system)
- Economic Development
- Water/Sewer Infrastructure
- Transportation (e.g. traffic congestion, alternative transit options, etc.)
- Tourism Impacts
- Other
Where does Brevard County need to improve?

- Water Quality
- Growth Management
- Transportation/traffic
- Conservation land/Green Spaces
- Water/Sewer Infrastructure
A disaster for the environment, the economy, and public health
Water Quality

- 67% of survey respondents rated this as the top area of concern for the county
- Lagoon conservation
- Stormwater management
- Septic to sanitary sewer conversion
Connecting the dots between poor growth management and Florida’s water quality crisis:

- Typical result of failing to manage growth is sprawl
- Sprawl consumes open land critical for naturally cleansing, storing and recharging the water supply
- Sprawl increases nutrient polluted runoff from roads, lawns, septic tanks, which feeds blue-green algae and prolongs red tide
- Sprawl depletes our water supply, making waterways even more vulnerable to nutrient pollution
What can Brevard County Government do?

- Stop it before it starts – significantly decrease the amount of nutrient loading into the lagoon. Improve systems to treat stormwater before it touches the lagoon
- Fertilizer like a Floridian education program at the store source
- Require Florida Friendly Landscaping™ and provide incentives to assist with compliance
- Disincentivize traditional landscaping that requires excessive fertilizer
- Restore water quality by improving natural habitats (seagrasses, oysters and clams)
- Stormwater infrastructure needs to be upgraded
- Septic to sewer conversions
- Prohibit biosolid dumping
- Require permitted water users to monitor groundwater use
What can Brevard County Government do?

- Establish Urban Service Boundaries around the 13 existing municipalities
- Require a super-majority on rezonings and variances
- Partner with developers on conservation goals before approving development
What can YOU do for a better future for your community?

- Stay informed
- Attend public hearings on planning issues
- Meet with elected officials and staff
- Talk to your neighbors
- Circulate information on new projects on your social media platforms
- VOTE!
Thank you! Questions?
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New Urbanism in Florida

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President Emeritus
Florida Tech University
Ebenezer Howard’s Garden City Concept Plan
Poundbury Concept plan
Seaside Plan
Seaside Coastline

Seaside Concert
Walt Disney, 1966
Credit: Walt Disney Company

Celebration Map

Downtown Celebration Waterfront
Windsor Plan
Harmony Concept Plan
QUESTIONS?

Please submit your questions in the Q&A box at the bottom of your screen and indicate if the question is for a specific presenter.

Workshop broadcast will be posted to 1000 Friends of Florida's website by the end of the week. If we are unable to answer all questions today, we will post answers on the website: https://1000fof.org/county/brevard/
THANK YOU!

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Project Coordinator
Brevard Zoo
areaume@brevardzoo.org

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President
1000 Friends of Florida
powens@1000fof.org

Jane West
Policy & Planning Director
1000 Friends of Florida
jwest@1000fof.org

Dr. Anthony Catanese
President Emeritus
Florida Tech University
catanese@fit.edu

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