Palm Beach County 2070

What can we do today to plan for a better tomorrow?
This workshop was brought to you by 1000 Friends of Florida and the North County Neighborhood Association of Palm Beach County

We appreciate the support of the Community Foundation for Palm Beach and Martin Counties and the Curtis and Edith Munson Foundation.
1000 Friends of Florida

• 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
Our co-founder, Nathaniel Pryor Reed
1933-2018

His vision: Protecting Florida’s environment and quality of life by carefully managing growth

Photo by Mac Stone
1000 Friends’ highlights in Palm Beach County

• Leading efforts to relocate Scripps from rural, western site to infill, eastern location
• Establishing Palm Beach/Martin County Green Initiative
• Working to maintain the Tier program
• Challenging and stopping inappropriately sited development
More highlights

• Defending the Agricultural Reserve
• Protecting the water supply, including the Grassy Waters Preserve
• Filing legal challenges to uphold planning
• Representing Palm Beach County interests in state Capitol
Pursuing Palm Beach County interests in Tallahassee

- Everglades restoration
- Amendment 1 funding
- Defending home rule
- Septic tank remediation
2018 legislative achievements

• Restoring funding for Florida Forever
• Stopping attacks on growth management
• Stopping attacks on home rule
Florida 2070 and Water 2070

• Three partners: 1000 Friends, University of Florida, Florida Agriculture Department

• One question: What is your vision for Florida’s future?
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 2070

This map series depicts Florida:

- In 2010
- In 2070 [Trend] if we keep developing the same way
- In 2070 [Alternative] with more compact communities, protected natural areas, and agricultural lands in production
Statewide Baseline
(Total demand by census block in gallons per day per acre)

Statewide Trend
(Total demand by census block in gallons per day per acre)
Let's Compare

<table>
<thead>
<tr>
<th></th>
<th>2010 Baseline</th>
<th>2070 Trend</th>
<th>% Change Baseline Trend</th>
<th>2070 Alternative</th>
<th>% Change Baseline Alternative</th>
<th>% Change Trend Alternative</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development (GPD)</td>
<td>3,139,370,035</td>
<td>6,480,557,237</td>
<td>106%</td>
<td>4,704,530,221</td>
<td>50%</td>
<td>-27%</td>
</tr>
<tr>
<td>Agriculture (GPD)</td>
<td>2,129,941,436</td>
<td>1,614,305,600</td>
<td>-24%</td>
<td>2,150,253,570</td>
<td>1%</td>
<td>33%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>5,269,311,481</td>
<td>8,094,962,839</td>
<td>54%</td>
<td>6,854,783,791</td>
<td>30%</td>
<td>-15%</td>
</tr>
</tbody>
</table>
Benefits from compact development:

• Lower costs for taxpayers
• More transportation options
• Less time stuck in traffic
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.
Population growth in South Florida

- 2010: 6.9 million
- 2070: 11.7 million
South Florida Region

This map uses a mathematically-generated geometric scale to better visualize the results due to the wide range in values. Each category has roughly the same number of data entries.
Population growth in Palm Beach County

- 2010: 1.3 million
- 2070: 2.2 million
Palm Beach County’s economic pillars

• Agriculture
• Tourism
• Growth
• Snowbirds
Two caveats

• 2070 scenarios don’t reflect Managed Growth Tier System
• 2070 scenarios don’t project impact of sea-level rise
Palm Beach County Water Demand in Gallons Per Day

1,125,000,000
900,000,000
675,000,000
450,000,000
225,000,000

2010 Baseline
2070 Trend
2070 Alternative

Agriculture-Related Demand
Development-Related Demand
How to get to a better future in Palm Beach County

• Stick with Managed Growth Tier System
• Promote compact development
• Encourage infill and redevelopment sensitive to existing communities
• Develop new areas near existing infrastructure
More ways to a better future in Palm Beach County

• Develop mixture of homes, shops, schools, offices
• Provide range of housing choices
• Provide multiple transportation options
• Protect historic and natural resources
How to protect South Florida’s water supply

• 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
- Use Florida-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
Local governments can help, too

• Require Florida Friendly Landscaping™ and provide incentives to assist with compliance
• Require permitted water users to monitor groundwater use
• Partner with developers on conservation goals before approving development
So can state government

• Increase funding for conservation programs
• Update the Florida Building Code to require water efficiency standards
• Adopt registration and training standards for irrigation pros
Key points for planning a more sustainable future for Palm Beach County

• Stick with the Tiered Growth System
• Follow compact development patterns
• Protect natural lands
• Save water
What you can do for a better future for your community

• Go to public hearings on planning issues
• Meet with elected officials and staff
• Talk with your neighbors
• Use Florida Friendly Landscaping™ and buy Water Star appliances
• Limit irrigation, or better yet, skip it
• Save water!
Support 1000 Friends of Florida!

• As a 501(c)(3) not-for-profit, we rely on the support of our members and donors

• Please consider making a donation so we can continue to advocate on behalf of Palm Beach County:
  www.1000friendsofflorida.org/product/donate/
Please plan to attend:

Admission is Free!

Palm Beach County 2070: What’s Next?

Tuesday, November 27, 6:00 to 7:30
Nova Palm Beach County Campus, Room 114
11501 N. Military Trial, Palm Beach Gardens

More information coming soon at www.1000friendsofflorida.org