

Florida's Water Challenge

**Joint Meeting of the
Treasure Coast and South Florida
Regional Planning Councils**

**By
Frank Bernardino
Florida Water Advocates**





Florida Faces A Daunting Challenge

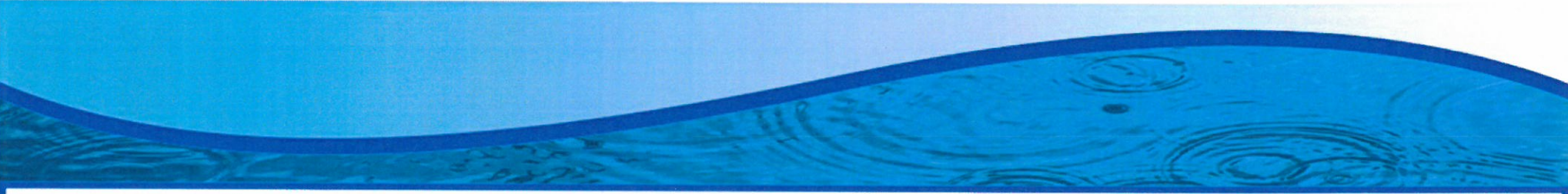
- **\$16.5 Billion over next 20 years in drinking water infrastructure improvements.** (EPA Drinking Water Infrastructure Needs Survey and Assessment - Fifth Report to Congress Sept. 2015 & ASCE 2017)
- **\$18.4 Billion in wastewater infrastructure by 2020.** (ASCE: 2017)
- **\$2.8 billion dollars are needed by 2025 for capital improvements and long term maintenance programs to support flood control.** (Florida Stormwater Association, 2014 Stormwater Utilities Survey)
- **\$50.5 to \$149.8 million per year for Numeric Nutrient Criteria Rule compliance.** (FSA & FSU CEFA: 2/2012)



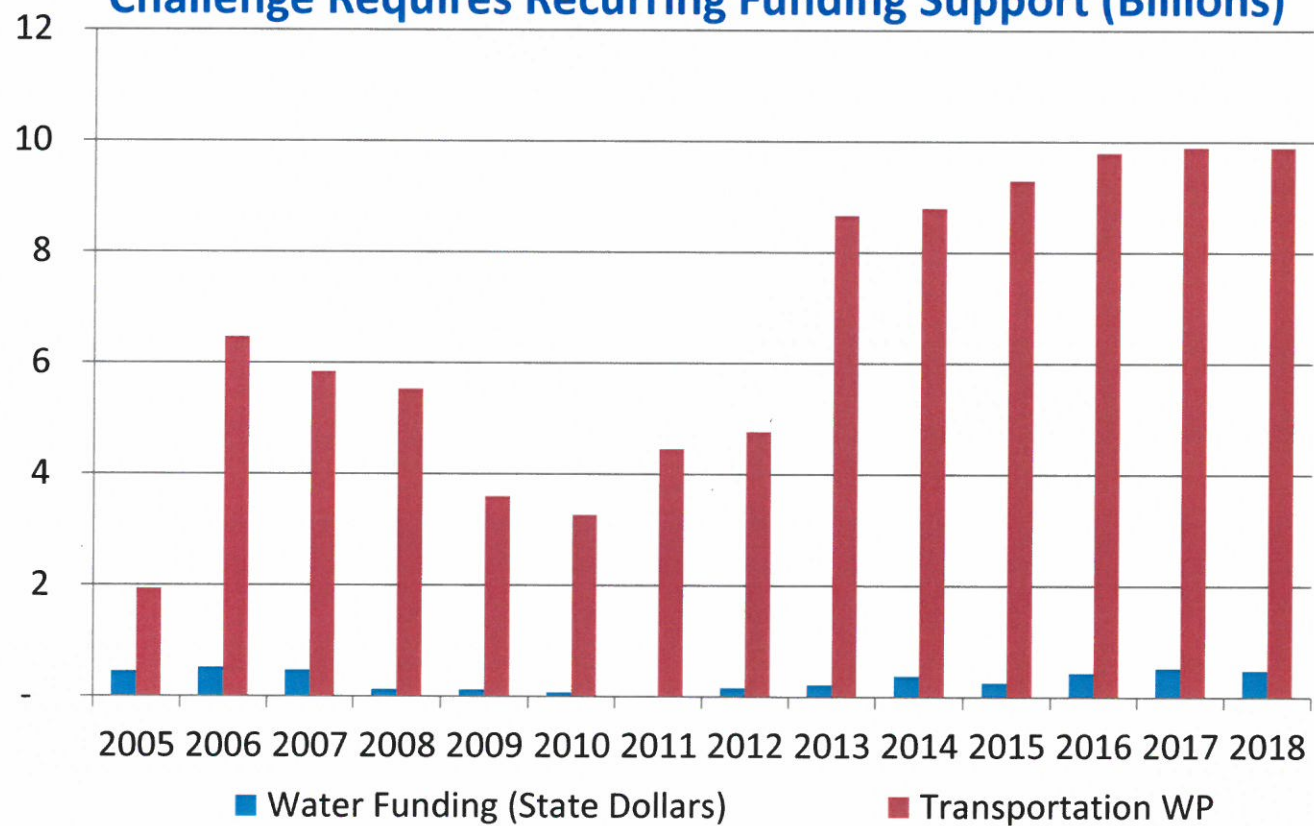


EDR Report Water Supply Projections

- Water supply demand expected to increase by 17% or 1,108.7 MGD by 2035.
- 1 in 10 yr drought increases the projected domestic water use projection by 7% and agricultural water demand by 44%.
- In 2015 65% of the states water supply demand was provided from groundwater.
- AWS will be needed satisfy future demand.... Report provides no cost estimates to meet demand.

- 
- In FY 2006/07 the total State budget was \$73.6 Billion, the State spent \$515 million on water programs almost 7 tenths of 1% of the total state budget.
 - In FY 2018/19 the total State budget will be \$88.7 Billion, the State spending on water programs will be \$485 million equal to just over 5 tenths of 1 %
 - **So the total budget has increased by \$15.1 Billion, and the State spent 30 million less on water programs.**

Challenge Requires Recurring Funding Support (Billions)





Annual Assessment of Florida's Water
Resources and Conservation Lands

2018 Edition

2016: SB 552

403.928 Assessment of water resources and conservation lands.—The Office of Economic and Demographic Research shall conduct an annual assessment of Florida's water resources and conservation lands.



Annual Assessment of Florida's Water
Resources and Conservation Lands

2018 Edition

“Based on the projected revenues from sources historically allocated to water resources, the recent levels of increases cannot be sustained into the future without supplementation.....”