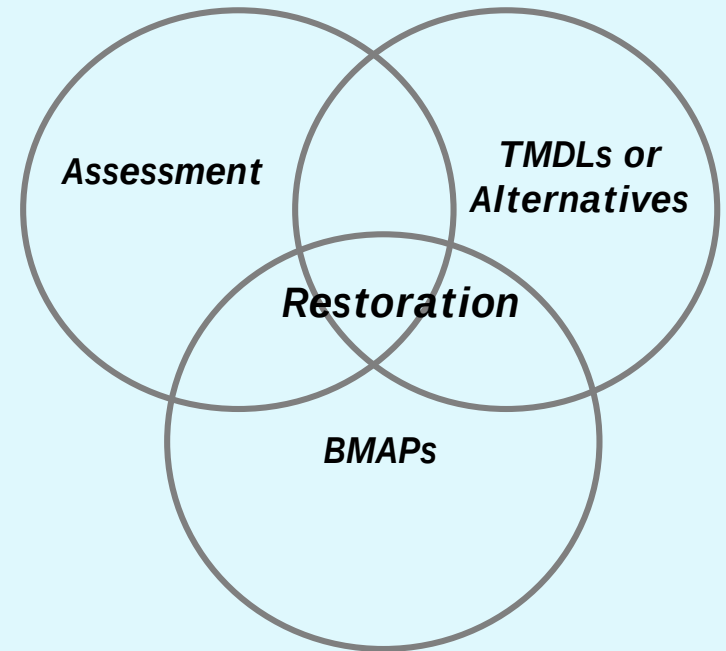




Florida Department of Environmental Protection

Watershed Restoration and BMAPs

DEAR Annual Monitoring Science
Meeting (ROC-fest)

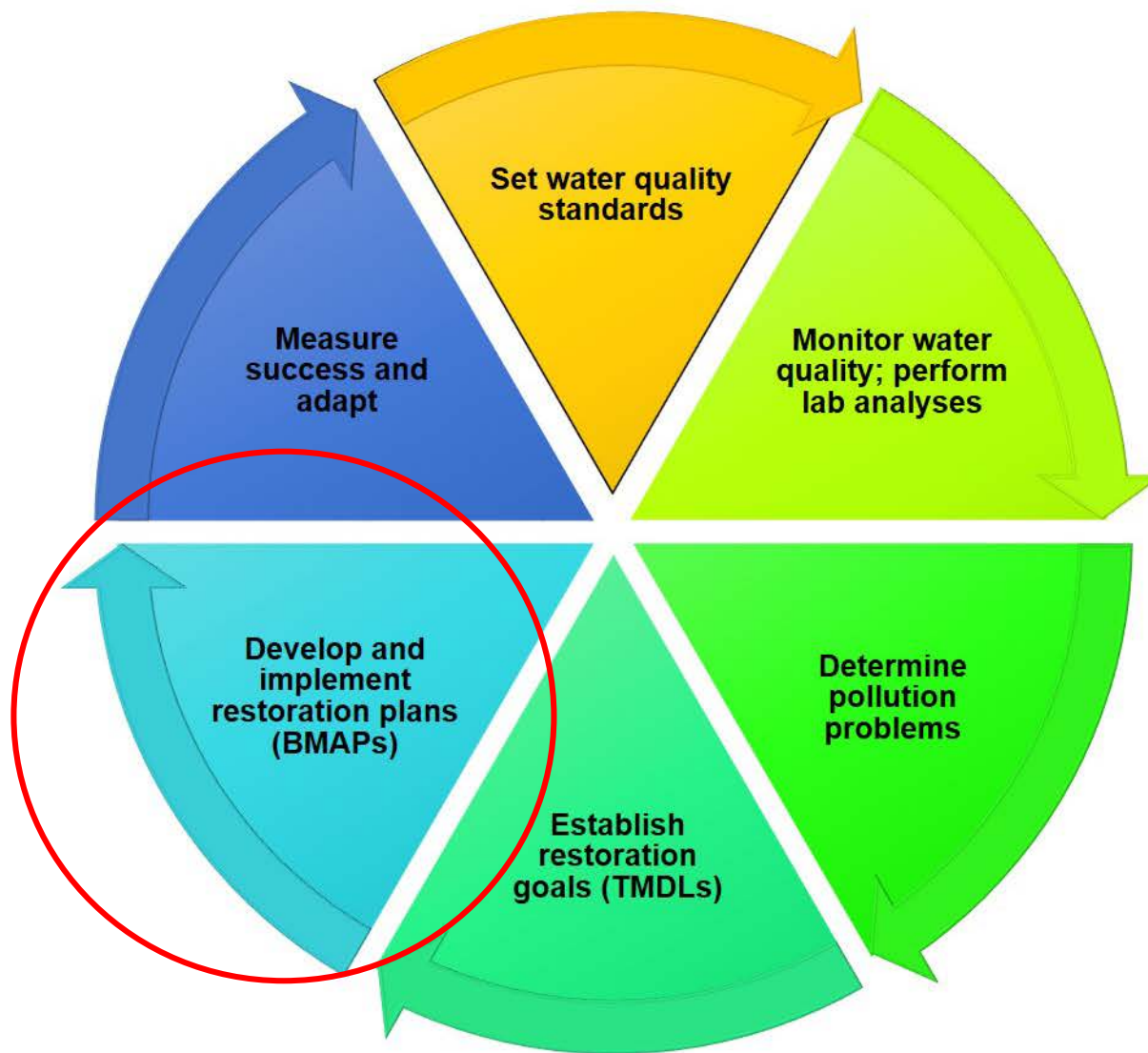


May 17, 2017





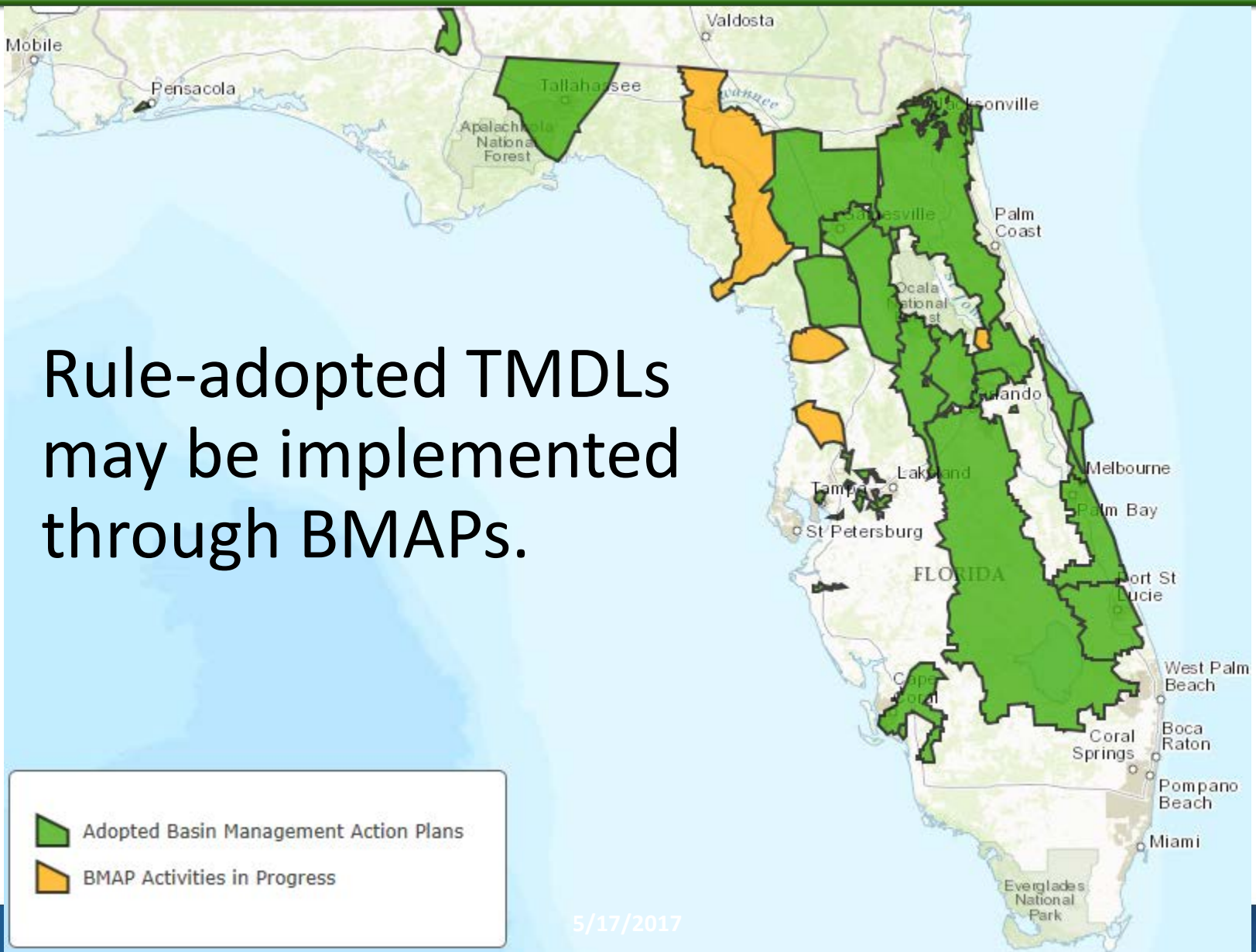
Water Quality Framework





Basin Management Action Plans

Rule-adopted TMDLs
may be implemented
through BMAPs.



5/17/2017



Florida BMAPs

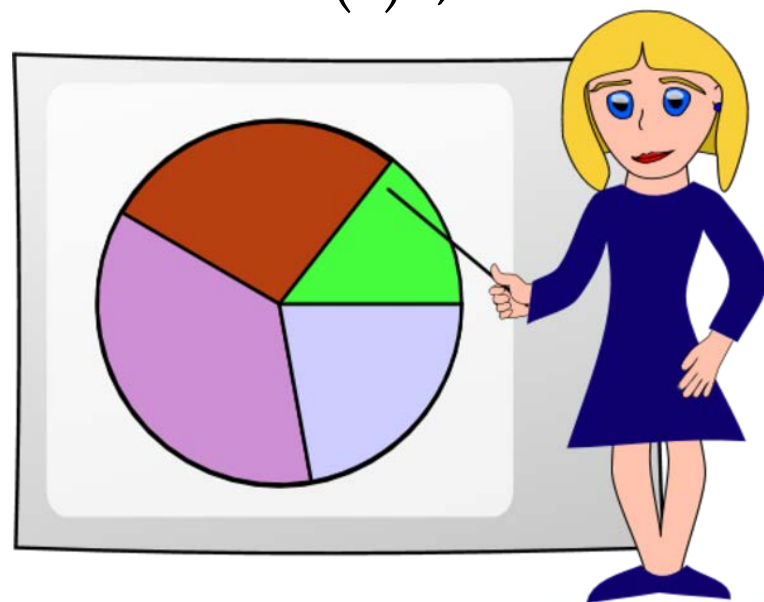
- A BMAP is DEP's method for **restoring water quality** in an impaired water body.
- BMAPs contain **strategies** to reduce and prevent pollutant discharges.
- 25 adopted BMAPs throughout the state.
- Types of BMAPs:
 - Nutrients (*Surface waters and Springs*)
 - Bacteria.





BMAP Stakeholders

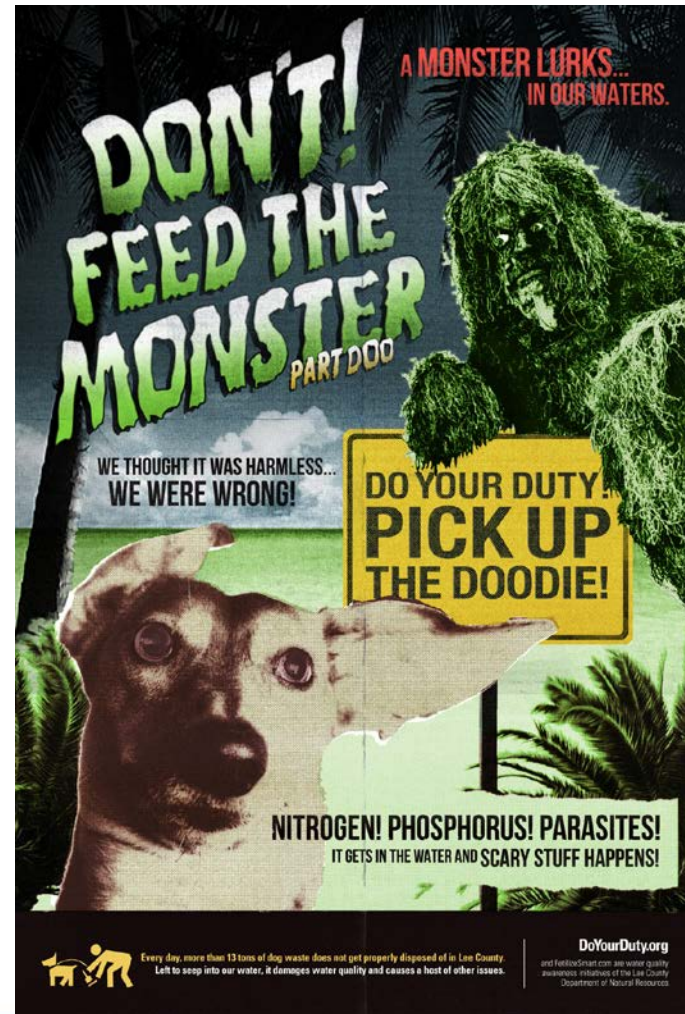
- Reasonable and equitable allocations must be established.
 - May be to individual sources, source categories, basins that discharge to the impaired waterbody, or the watershed as a whole in accordance with Subsection 403.067(a)2, F.S.
- Stakeholders
 - MS4 stormwater permittees
 - Representatives of non-point sources
 - Other interested parties





BMAP Urban Projects

- BMAP documents projects aimed at helping achieve the TMDL
- Project Types
 - Education and Outreach Efforts
 - Land Acquisition
 - Regulations, Ordinances, and Programs
 - Restoration Projects
 - Stormwater Projects
 - Studies, Research, Assessments, and Planning Efforts
 - Surface Water Quality Improvement Projects
 - Etc.

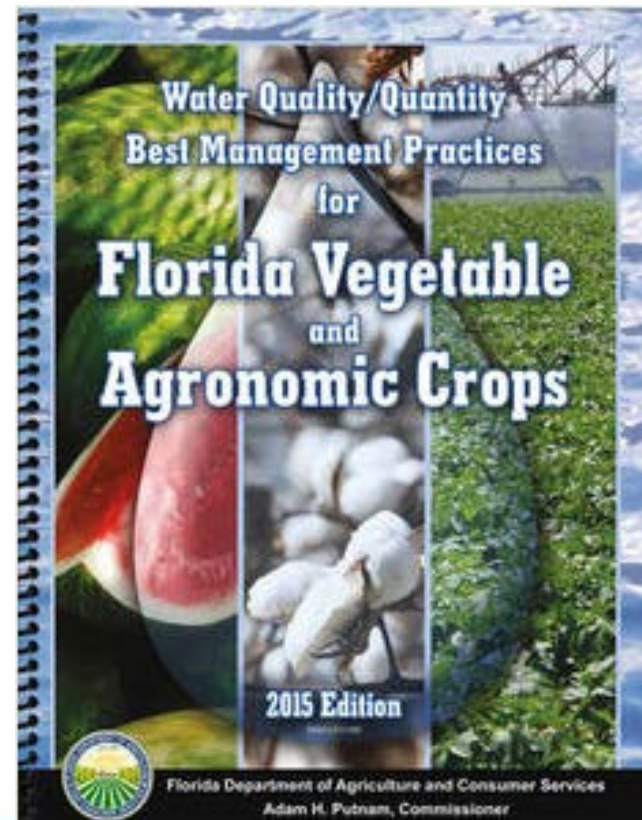




Agriculture and BMAPs

- Agricultural producers within a BMAP:
 - Enroll in Florida Department of Agriculture and Consumer Services (FDACS) Best Management Practices (BMPs);
or
 - Monitor Water Quality For Compliance
- Benefits of FDACS enrollment:
 - Presumption of Compliance
 - Eligibility for cost-share funding
 - Technical assistance
 - Improved Water Quality

<http://www.freshfromflorida.com/Divisions-Offices/Agricultural-Water-Policy/Enroll-in-BMPs/BMP-Rules-Manuals-and-Other-Documents>





Tracking BMAP Progress

- BMAP Monitoring Plans
 - Provide the information needed to evaluate implementation success.
 - Identify parameters, frequency, and network of stations.
- Adaptive management
 - Mechanism for making adjustments in the BMAP when circumstances change or feedback indicates the need for a more effective strategy.





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Program Administrator

20525 8841/530

261019/010000/CWWQO

Admin. Asst. II

10666 0712/18

261019/010000/106

3730 3020 000 (3/0)

Env Manager-BE8

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Tech Editor

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Coming Soon!



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THANK YOU

<http://www.dep.state.fl.us/water/watersheds/bmap.htm>