

# EutroSORB<sup>®</sup> F: Passive, Cost-Effective Phosphorus Treatment

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Florida Stormwater Association Emerging Technologies Session

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# A **TECHNICAL RESOURCE** team focused on water quality restoration and harmful algal bloom management

- Technical Support
- Water Quality Assessment
- Program Development
- Project Implementation
- Permitting and Monitoring
- Outreach and Education



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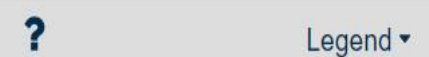
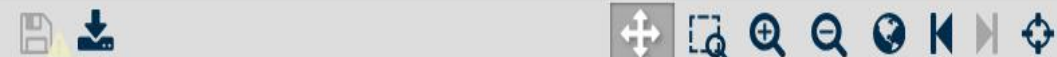
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Development Scientist



Mark Heilman, Ph.D.  
Director of Aquatic  
Technology



**Drawings**

**Datasets**

add datasets

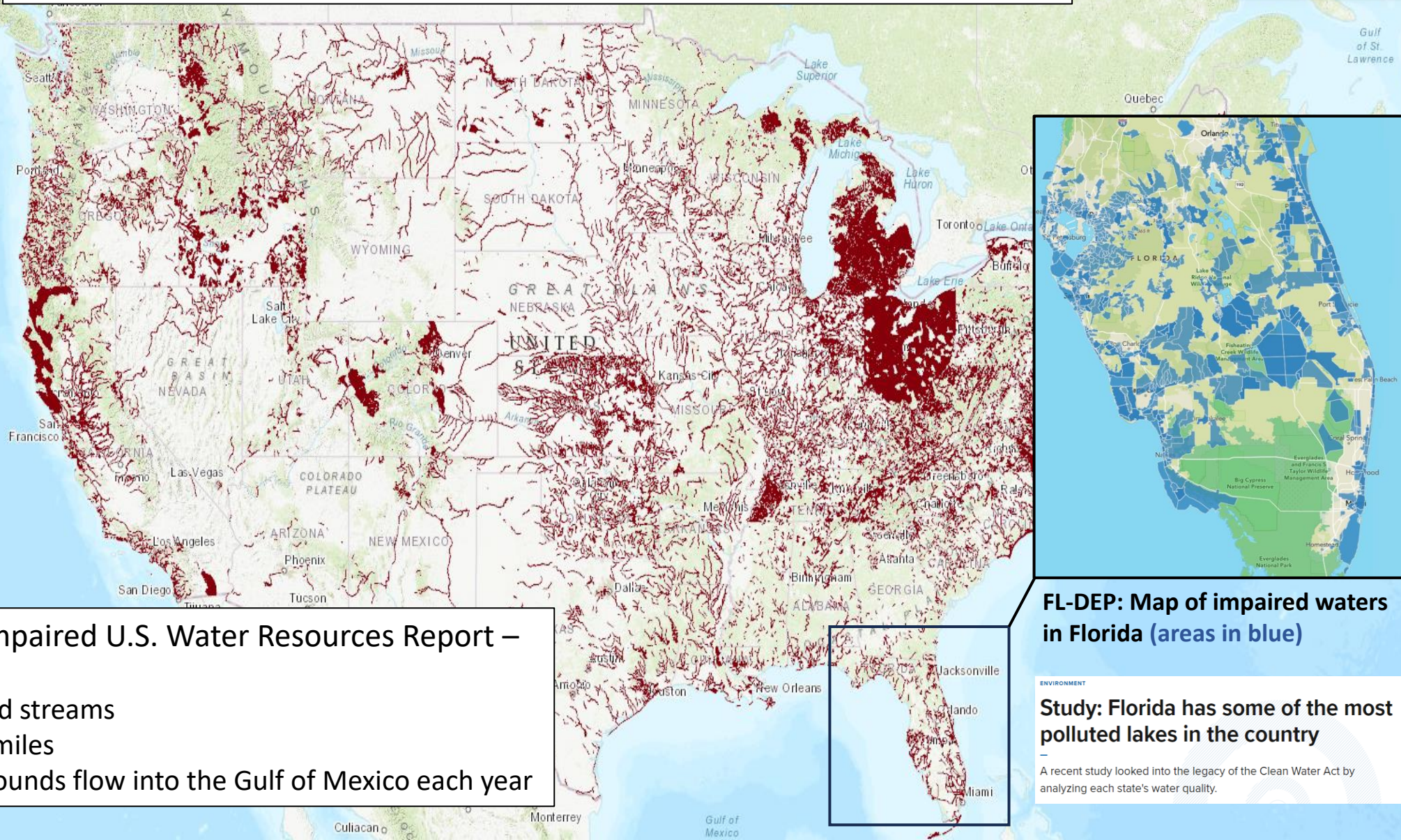
303d Listed and Impaired Waters for the USA

**Basemaps**

Layers

# Water Quality Throughout the U.S. is a Major Problem

303d Listed and Impaired Waters for the USA



## EPA 303d Listed and Impaired U.S. Water Resources Report –

- 55% of lakes
- 51% of rivers and streams
- 26% of estuary miles
- >300,000,000 pounds flow into the Gulf of Mexico each year

## FL-DEP: Map of impaired waters in Florida (areas in blue)

## Study: Florida has some of the most polluted lakes in the country

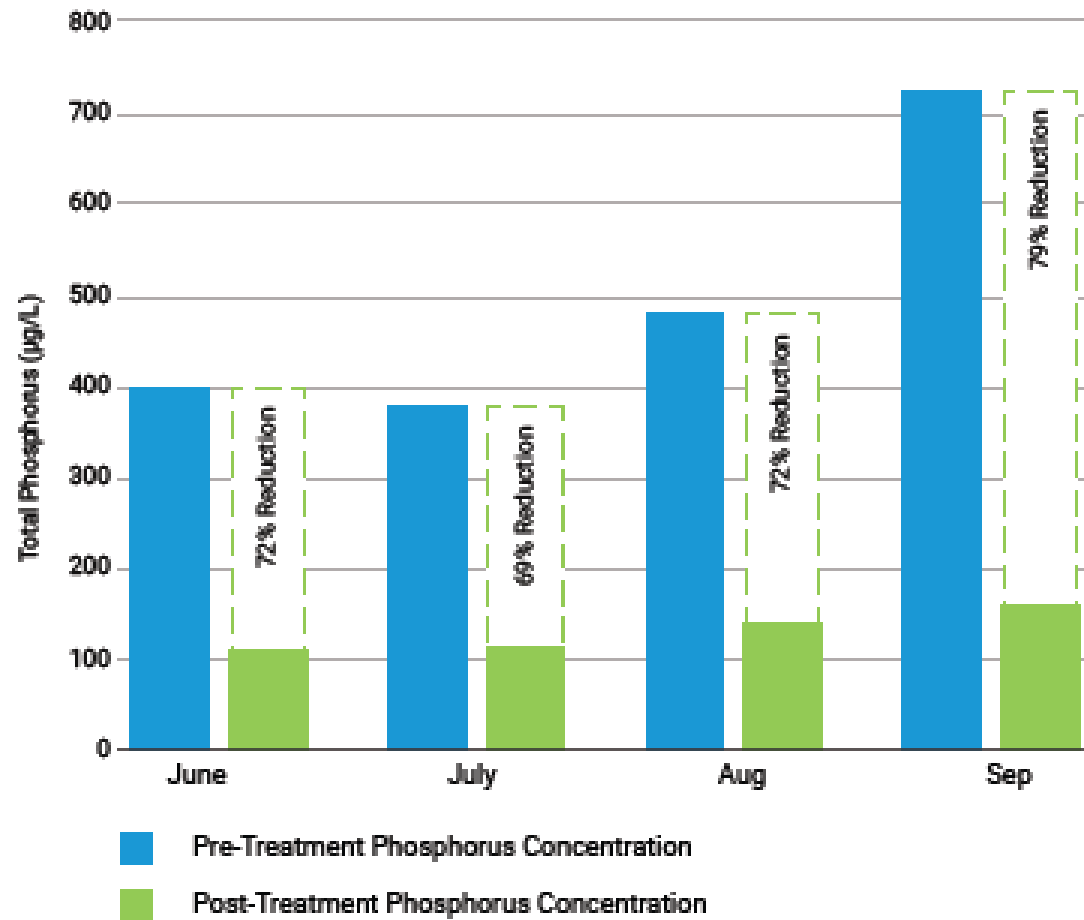
A recent study looked into the legacy of the Clean Water Act by analyzing each state's water quality.

# EutroSORB<sup>®</sup> F

## Phosphorus Filtration Technology

Figure 1: Phosphorus Removal Utilizing EutroSORB<sup>®</sup> F Filter Media (2023)

74% Reduction in Soluble Reactive Phosphorus in 4 months.



Thanks!  
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