



Impact of Nutrients

- > Excessive plant growth in streams/lakes
- Scum and algae near lake shores
- Unpleasant odors

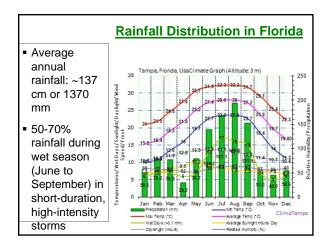


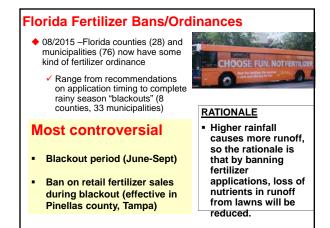
2 Fertilizer Bans in Urban Areas



History of Regulations to Control Urban Nutrient Pollution in Florida

- 1999 Watershed Restoration Act passed
- 2007 Fertilizer ordinances begin to appear
- 2007 <u>Urban Turf Rule</u> passed
- 2009 Fertilizer ordinances mandated in some areas
- 2010 State model ordinance developed





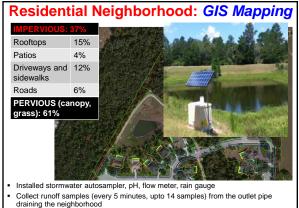
(3) Nitrogen Transport from Residential Neighborhoods

 High-frequency Stormwater Runoff Data (5 minute intervals)



- average lot size is 0.24 ha (0.63
- Average home size: 4,400 ft²
- 0.5 to 1 million





Captured 25 stormwater events during 2014 wet season



