

Key Topic #3: Understanding a variety of water quality indicators in different landscapes

Objective 1. Knowledge of water quality impacts such as agriculture practices, urban development, nitrates, toxic algae, etc.

Objective 2. Understand the indicators of water health, including physical, chemical and biological properties and its role in the hydrological system.

Resources: Please note the page numbers for # 1

- Conservation Implications of Climate Change: Soil Erosion and Runoff from Cropland **REMOVED**
- The nitrate contamination concern (6 pages) **REMOVED**
- Soil Characteristics that influence nitrogen and water management (6 pages) **REMOVED**
- NET News: Nitrates a costly, persistent problem for small towns (2 pages) **REMOVED**
- Drinking Water: Nitrate-Nitrogen (4 pages) **REMOVED**
- Fact Sheet: Precautions and Facts Regarding Harmful Algal Blooms (2 pages) **REMOVED**
- Here's how Midwest Farmers are fighting agricultural water pollution (4 pages) **REMOVED**
- University of Nebraska Lincoln Urban Nonpoint Source Pollution (2 pages) **REMOVED**

1. Groundwater and Surface Water: A Single Resource. USGS Circular 1139 - Pp 61-66 and 77
- 2 2019 S FL Env Highlights
- 3 Affiliates- Florida Climate Institute
- 4 AgroClimate- Tools for Managing Ag Risk
- 5 BMPs in Everglades Ag Area
- 6 Economic Analysis of Water Treatments for P removal
- 7 EPA Nutrient Pollution Website 1-15-20
- 8 Estimated Nitrate Conc Grnd H2O for Drinking EPA
- 9 Evaporation Losses during Sprinkler Irrigation BUL290 EDIS.IFAS.UFL.EDU
- 10 Everglades American Treasure
- 11 FL Friendly Landscape Brochure
- 12 Harmful algal blooms in FL Inland Coastal H2Os
- 13 Hypoxia 101 What it is & Why its important EPA
- 14 Hypoxia & Risk in Estuaries, Coastal Waters & Lakes EPA
- 15 Lakes Present Risk for Exposure to Harmful Algal Toxins EPA
- 16 Leaf Traits amplify climate warming in response to CO2
- 17 Database on trait-based selection of stormwater plants FOR 347 EDIS IFAS.UFL.EDU
- 18 Pp from draft 2020 S FL Enviro Rpt SFWMD
- 19 SFWMD row clear canals
- 20 Soil Erosion & Climate Change U KS Geography-2019
- 21 Tools-AgroClimate Program UF
- 22 Turf Irrigation for the FL Home CIR829 EDIS.IFAS.UFL.EDU
- 23 Updated Review 2018 Water Nitrate & Human Health
- 24 EPA Nitrate-Nitrate Rule Training Present
- 25 Waters Assessed Impaired due to Nutrient Causes