Environmental Measures Team Update

Water Resource Assessment Team Meeting
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Introduction

Approved option for determining wetland stress for 2020 update to CFWI RWSP:
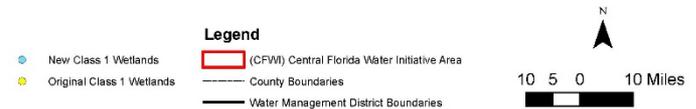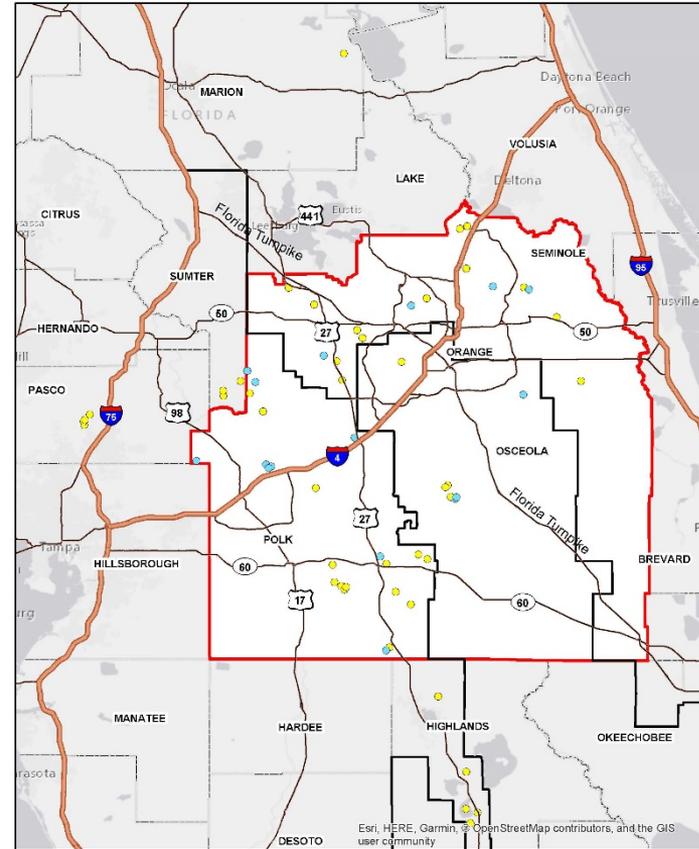
- Statistical analysis and risk assessment (same methodology used for 2015 CFWI RWSP) with expanded EMT dataset and updated model (ECFTX)

Current Progress

- Final expanded Class 1 wetland dataset: 59 wetlands (44 original + 15 new)

- Original dataset of 44 wetlands:
  - 26 Ridge wetlands (15 NS, 11 S)
  - 18 Plain wetlands (10 NS, 8 S

- New dataset of 59 wetlands:
  - 28 Ridge wetlands (19 NS, 9 S)
  - 31 Plain wetlands (24 NS, 7S)

Class 1 Wetlands Assessed

Legend
New Class 1 Wetlands
Original Class 1 Wetlands
(CFWI) Central Florida Water Initiative Area
County Boundaries
Water Management District Boundaries

10 5 0 10 Miles

Current Progress

- Period-of-record water level data that will be used for analysis:
  - 2009-2017 (9 years)
  - Original analysis: 2006-2011 (6 years)
- Data exploration for analysis preparation complete
- Equations to calculate the probability of future wetland stress are close to being updated
  - Updated dataset
  - Updated model (ECFTX)

Remaining Tasks for Analysis Preparation

- Update GIS layers
  - Update with more recent land use/NWI information
  - Update with polygons of new Class 1 wetlands (to intersect with model cells)
  - Ensure Class 2 wetland layer accurate

Tentative Schedule

- End of November/early December:
  - Finalize Class 1 wetland assessment report
  - Complete wetland analysis preparation tasks
  - Complete draft EMT Scope of Work