



# C-43 Reservoir Water Quality Summit

June 5<sup>th</sup>, 2019, 9:00 a.m. – 4:00 p.m.  
Lee County Administration East Building Rm 118  
2201 Second Street Fort Myers, FL 33902

## FINAL AGENDA

**INTRODUCTORY REMARKS**, Jennifer Hecker (*Coastal & Heartland National Estuary Partnership*)

**WATER QUALITY TREATMENT WORKING GROUP PANEL DISCUSSION**, James Evans (*City of Sanibel*), Roland Ottolini (*Lee County*), Kim Fikoski (*South Florida Water Management District, SFWMD*), Georgia Vince (*J Tech*) and Jennifer Carpenter (*Florida Department of Environmental Protection*).

**HISTORICAL C-43 WATER QUALITY TREATMENT STUDIES**, Dr. Bob Knight (*Wetland Solutions*)

**GUEST SPEAKER:** Key “ingredients” in Tackling Harmful Algae Blooms – N: P ratios as well as Nitrogen and Phosphorus supplies, Dr. JoAnn Burkholder (*North Carolina State University*)

### CALOOSAHATCHEE WATER QUALITY CONDITIONS AND CONCERNS

- Caloosahatchee Water Quality Condition and Concerns, Dr. Eric Milbrandt and Rae Ann Wessel (*Sanibel Captiva Conservation Foundation*)
- FGCU’s Caloosahatchee Conditions and Water Quality Research, Dr. Mike Parsons (*Florida Gulf Coast University*)
- Existing Caloosahatchee Pollutant Limit, Clean-Up Plan, and how it affects C-43 Reservoir Management, Marisa Carrozzo (*Conservancy of Southwest Florida*)

### CALOOSAHATCHEE WATER QUALITY PROJECTS UNDERWAY

- C-43 Reservoir Construction Update and Expected Salinity Improvements, Janet Starnes, (SFWMD) and Lt. Col Jennifer Reynolds (*US Army Corps of Engineers*)
- Lee County Caloosahatchee Basin Projects, Roland Ottolini (*Lee County*)
- Boma Wetland Mesocosm Water Quality Treatment Project, Cassandra Thomas (*SFMWD*)
- Lake Hicpochee Hydrologic Enhancement Project, Phil Flood (*SFWMD*)

### OPPORTUNITIES FOR NATURALLY IMPROVING WATER QUALITY

- Constructed Wetlands for Nitrogen Removal, Christopher Keller (*Wetland Solutions*)
- Offsite option in using the GS-10 Caloosahatchee Crosslink and Carlos Waterways Project, David Lindsay (*Lehigh Acres Municipal Services Improvement District*)

### YOUR IDEAS & STAYING ENGAGED