

28th Annual Southwest Florida Water Resources Conference
BRIDGING TROUBLED WATERS: UNITING TO PROMOTE REGIONAL SOLUTIONS
January 25, 2019
Cohen Center Ballroom, Florida Gulf Coast University, Fort Myers, Florida

8:00 REGISTRATION

8:30 WELCOMING REMARKS

KAREN MILLER, GHD (Co-host: FL Section AWWA)
WALTER REIGNER, Florida Section AWRA President
WIN EVERHAM, PhD, Florida Gulf Coast University

8:45 SESSION A: REGIONAL COLLABORATION

Moderator: AMANDA ELLSWORTH, FGCU (Co-host: AWRA)
Uniting Partners and Resources to Restore Hydrology
JENNIFER HECKER – Charlotte Harbor National Estuary Program
West Goodlette-Frank Joint Water & Sewer Project
SALLY GOLDMAN, PE and ALEX DUNKO, EI, GradyMinor
Southern Lee County Flood Mitigation Study
ROLAND OTTOLINI, PE, Lee County Natural Resources

10:00 SESSION B: STUDENT RESEARCH POSTER CONTEST AND NETWORKING BREAK

Faculty Coordinator: DON DUKE, PhD, (Co-host: Florida Gulf Coast University)

11:00 SESSION C: STRATEGIES FOR BUILDING RESILIENCY IN WATER SYSTEMS

Moderator: DAN VANNORMAN (Co-host: Audubon of Southwest Florida)
Emergency Estuary Protection Wells
ANSLEY MARR, Office Chief, State Policy & Ag Coordination, and
ROBERT VERRASTRO, Principal Hydrogeologist, SFWMD
Emerging Technologies for Agricultural Best Management Practices
KELLY MORGAN, PhD, Director of UF/IFAS SWFREC
Resiliency Strategies for Stormwater Systems
BOB MUNRO, GHD; H ELKIN DIAZ, MBA, PE, PMP, City of Fort Lauderdale

12:15 LUNCH WITH A STUDENT

Professional Coordinator: SALLY GOLDMAN, GradyMinor (Co-host: FES)
Student Coordinator: McKENZIE FRALEY, FGCU AWRA Student Chapter

1:15 KEYNOTE ADDRESS

Introductory remarks by: SERGE THOMAS, PhD, Dept of Environmental Sciences (Co-host: FGCU)
Health Impacts of Harmful Algal Blooms
JAMES METCALF, PhD, Brain Chemistry Labs

2:00 SESSION D: WATER REUSE

Moderator: KELLIE CLARK, Kimley-Horn (Co-host: AWRA)
Surface & Groundwater Nutrient Loading from Reuse Water on Sanibel Island
JAMES EVANS, City of Sanibel
Direct Potable Reuse
RANDY BROWN, City of Pompano Beach
A Study of Nutrient Loading Rates from Irrigation with Reuse Water
D. ALBREY ARRINGTON, PhD, Loxahatchee River District

3:00 LEGISLATIVE UPDATE AND EMERGING ISSUES

Introduction: DON DUKE, PhD, (Co-host: Florida Gulf Coast University)
LUNA PHILLIPS, Esq. & ELIZABETH ROSS, Esq., Gunster

3:30 ANNOUNCEMENT OF STUDENT RESEARCH POSTER CONTEST WINNERS

Awards Presenter: DON DUKE, PhD, (Co-host: Florida Gulf Coast University)

3:40 Break

3:50 SESSION E: EFFECTS OF HARMFUL ALGAL BLOOMS

Moderator: JOHN CAPECE, PhD, Southern DataStream (Co-host: Calusa Waterkeeper)
Caloosahatchee HAB Data from 2018 Bloom
JOHN CASSANI, Calusa Waterkeeper
Cooperative HAB Control Project
HIDETOSHI URAKAWA, PhD, FGCU
Red Tide In Southwest Florida
MICHAEL PARSONS, PhD, FGCU

5:00 Networking Reception

Welcome and Sponsors Appreciation: RON EDENFIELD, PE, RMEC (Co-host: AWRA)