

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: **KELLIE CLARK**, Kimley-Horn (Co-host: AWRA)
Uniting Partners and Resources to Restore Hydrology
JENNIFER HECKER – Charlotte Harbor National Estuary Program
West Goodland-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: TBD

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: **AMANDA ELLSWORTH**, FGCU (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)
Cooperative HAB Control Project
HIDETOSHI URAKAWA, PhD, FGCU
Caloosahatchee HAB Data from 2018 Bloom
JOHN CASSANI, Calusa Waterkeeper
Red Tide In Southwest Florida
MICHAEL PARSONS, PhD, FGCU

5:00 Networking Reception

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