

REGIONAL BIOSOLIDS SYMPOSIUM

Agenda

June 8, 2018 ~ 8:00 am – 4:00 pm

Indian River State College Chastain Campus
Wolf High-Technology Center
2400 SE Salerno Road, Stuart, Florida 34997



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- 1. Registration, Networking, and Refreshments** 8:00am – 8:30am
 - 2. Welcome – The Honorable Commissioner Doug Smith, Martin County** 8:30am – 8:45am
 - 3. Opening Remarks – The Honorable Commissioner Henry Dean, St. Johns County, and former Executive Director of the St. Johns River Water Management District and South Florida Water Management District** 8:45am – 9:00am
 - 4. Biosolids 101: Current Programs and Practices** 9:00am – 10:15am

Disposition of Biosolids in Florida

Maurice Barker, Biosolids Coordinator, Domestic Wastewater Section,
Florida Department of Environmental Protection, Tallahassee, Florida

Current Processing Practices by Publicly-Owned Treatment Facilities

Hassan Hadjimiry, P.E., Deputy Director
Palm Beach County Water Utilities

Sam Amerson, P.E., Director
Martin County Utilities and Solid Waste

Patrick Walsh, Project Manager
St. Lucie County Utilities

Eric Charest, Environmental Compliance Specialist
Indian River County Utilities

Moderator: **Scott D. Trainor, P.E., BCEE**
Biosolids Facility Operations Manager
Solid Waste Authority of Palm Beach County
West Palm Beach, Florida

BREAK

5. Nutrient Loading in the Watershed

10:30am – 12:00pm

South Florida BMAP Update

Gary N. Roderick, CEP, REM, CEA, Environmental Consultant
Former Environmental Administrator Southeast District Office
Florida Department of Environmental Protection
Stuart, Florida

Origin and Destination of Nutrients in the Watershed

Del Bottcher, P.E., Ph.D., President
Soil & Water Engineering Technology
Gainesville, Florida

Anthony Janicki, Ph.D., President
Janicki Environmental, Inc.
St. Petersburg, Florida

Maria Lucia Silveira, Ph.D., Associate Professor
University of Florida, Range Cattle Research and Education Center
Ona, Florida

Edith Widder, Ph.D., CEO and Senior Scientist
Ocean Research and Conservation Association
Fort Pierce, Florida

Moderator: **Gary N. Roderick, CEP, REM, CEA**
Environmental Consultant
Former Chief of the Office of Water Quality
Martin County, Florida

LUNCH

12:00pm – 1:00pm

Nutrient Recovery and Sustainable Biosolids Management

Guest Speaker: **Todd O. Williams, P.E., BCEE**
Principal Technologist, Residuals Resource Recovery Global
Technology Leader
Jacobs (formerly CH2M Hill)
Detroit, Michigan

6. Technology and Future Trends in Biosolids Management

1:00pm – 2:50pm

Next Generation Supercritical Water Oxidation

Kobe Nagar, P.E., Senior Process Engineer
Pratt School of Engineering, Duke University
Durham, North Carolina

Advanced Pyrolysis Technology

Steve Wirtel, P.E., Executive Vice President, Business Development
Kore Infrastructure
El Segundo, California

The Omniprocessor and Advanced Vapor Recompression Distillation

Peter Janicki, P.E., CEO
Janicki Bioenergy
Sedro-Woolley, Washington

Moderator: **Fred Mussari, Ph.D.**
Vice President of Technology
BCR Solid Solutions
Jacksonville, Florida

BREAK

7. Charting the Future of Biosolids Management in Florida

3:00pm – 4:00pm

Roundtable with All Presenters/Elected Officials

Moderator: **Duane De Freese, Ph.D.**
Executive Director
Indian River Lagoon Council
Sebastian, Florida

8. Closing Remarks

Michael J. Busha, AICP
Executive Director
Treasure Coast Regional Planning Council
Stuart, Florida