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2nd Annual Conference!

Water and Energy Sustainability

New Strategies for Resource Management and Development in Florida

February 5-6, 2009 • Hilton • Deerfield Beach

Dear Colleague:

You've read the headlines and heard the urgent arguments for policy change. Now, Florida is emerging as the testing ground for sound responses to today's crises:

- Drought
- Climate change
- Development of renewable energy sources
- Diminishing water supply
- Unprecedented development
- Astronomical growth projections

Now it's time to hear from the experts how Florida can plan for sustainable growth and energy development while securing its future.

Understanding the nexus between water and energy sustainability in today's environment is critical for you as you seek to protect your interests or those you represent. We are proud to have assembled this faculty of leading-edge thinkers to give you the answers you need.

These leaders and innovators in water and energy law and planning will give you valuable insights, tools and best practices to help you deal with the complex issues you face throughout the year. Plus, you'll have the opportunity to network with other participants facing the same issues as you.

Whether you are a water or energy professional in the legal, engineering, planning, development, supply or environmental community, you cannot afford to miss this Conference!

We hope to see you there.



John J. Fumero, Esq.
Program Co-Chair
Lewis, Longman & Walker
West Palm Beach



Erin L. Deady, Esq.
Program Co-Chair
Lewis, Longman & Walker
West Palm Beach

Hilton

100 Fairway Drive
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Schedule and Instructor Bios Inside 

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THURSDAY, FEBRUARY 5

- 8:00 Registration and Continental Breakfast
- 8:30 **Welcome and Introduction**
Overview of Day One
John J. Fumero, Esq., Program Co-Chair, and Erin L. Deady, Esq., Program Co-Chair
Lewis, Longman & Walker, West Palm Beach
- 8:45 **Keynote Presentation**
The Florida Water Congress and the Century Commission for a Sustainable Florida: Outcomes and Goals
Tim Center, Esq., Executive Director
Century Commission for a Sustainable Florida, Tallahassee
Melissa L. Meeker, Managing Member
Hesperides Group, Stuart
- 9:45 Morning Break
- 10:00 **Drought Management and Water Conservation**
Understanding the Drought and How You Can Help; Shortage Restrictions; Water Conservation Funding; Implementing Comprehensive Conservation Programs
Brian S. Starford, PG
Regulation Director, Bartow Service Office
Southwest Florida Water Management District
Jesus L. Rodriquez, Lead Water Conservation Officer
South Florida Water Management District, West Palm Beach
- 11:15 **Harvesting Energy from the Gulf Stream**
The Emerging Ocean Renewable Energy Industry; Ocean Current Resources Offshore of Florida; FAU's Role in Ocean Energy Research and Industry Collaboration; Evolving State and Federal Regulatory Framework; Potential Environmental Effects
Doug Heatwole, Manager, Gulf Coast Region
Ecology & Environment, Pensacola
Susan H. Skemp, Executive Director, Center for Ocean Energy Technology
Florida Atlantic University, Dania Beach
- 12:30 Lunch Break
- 1:45 **Broward County Climate Change Task Force and Miami-Dade Climate Change Advisory Task Force**
Recommendations and Countywide Strategies
Kristin Jacobs, Commissioner
Broward County, Fort Lauderdale
Elizabeth Plater-Zyberk, FAIA, Dean
University of Miami, School of Architecture, Coral Gables
- 2:45 Afternoon Break
- 3:00 **Carbon Capture and Sequestration**
Too Little, Too Late, Too Expensive?
George A. Rusk, Esq., Vice President, and Robert Singer, PhD, Senior Environmental Scientist
Ecology & Environment, Lancaster
- 4:00 **Incentive Based Strategies for Green Building**
Federal, State and Local Incentives; Financial Benefits of Building Green; Costs of Green Building; First Cost Versus Life; Cycle Cost Benefits; LEED as a Tool
Michael R. Carlson, AIA, NCARB, LEED AP
Carlson Studio Architecture, Sarasota
You Can Only Manage What You Measure: Carbon Footprinting as a First Step; Meaningful Pathways to Greener Buildings; How to Create and Trade Carbon Credits; The Current State of the Carbon Market
Heike Lueger, PhD, Chief Environmental Scientist
Carbon Solutions America, Boca Raton
- 5:30 Adjourn

FRIDAY, FEBRUARY 6

- 8:30 Continental Breakfast
- 9:00 **Welcome Back**
Overview of Day Two
John J. Fumero, Esq., Program Co-Chair and Erin L. Deady, Esq., Program Co-Chair
- 9:15 **Water Concurrence**
Comprehensive Plans and Development Approvals
Stephen A. Walker, Esq.
Lewis, Longman & Walker, West Palm Beach
- 10:00 Morning Break
- 10:15 **Governor's Action Team on Energy and Climate Change**
An Update on the Report and Recommendations; Overview of the Florida Energy and Climate Commission and Its Role in Implementation
R.B. "Buzz" Hoover, President
Gate Biofuels, Jacksonville
- 10:45 **Featured Presentation: Innovative Alternative Water Supply**
Technologies and Regulations
Frederick Bloetscher, PhD, PE, Assistant Professor
Florida Atlantic University, Dania Beach
Honorable Trudi Williams, PE, Representative
Florida House of Representatives, Tallahassee
- 12:00 Q&A Panel
Members of the Faculty
- 12:15 Lunch Break
- 1:30 **Ethics**
The Attorney/Client Privilege in the Local Government Setting
Elizabeth M. Hernandez, Esq., City Attorney
City of Coral Gables
- 2:30 Afternoon Break
- 2:45 **Electricity Regulation, Climate Change, and Rising Energy Prices**
Traditional Regulation of Electric Utilities on the Federal and State Levels; Impact of the Twin Challenges of Climate Change and Rising Energy Prices; New State Approaches; Intersection of Recent State Regulatory Changes with Federal Regulation
Jeffery S. Dennis, Esq., Director, Federal Regulatory Affairs
Edison Electric Institute, Washington, DC
- 3:30 **Wind and Solar Power**
Sustainable Energy for Florida
Winifred G. Perkins, Manager, Environmental Relations
Florida Power and Light Company, Juno Beach
- 4:30 Evaluations and Adjourn

TELL US WHAT YOU WANT!

Do you have specific questions or topics you hope to see covered in this program? Would you like to see a Conference on another topic? Contact **CLE INTERNATIONAL** Program Attorney Caroline R. Kert, caroline@cle.com.

REACH YOUR TARGET AUDIENCE!

Would you like the opportunity to exhibit at or sponsor this or other **CLE INTERNATIONAL** conferences, and get your name out to our many prospective and actual attendees? Contact Barbara Hollingsworth, barbara@cle.com.

PROGRAM CO-CHAIRS

Erin L. Deady focuses on environmental, land use, administrative and water policy. She manages a large water resource development project for a Native American tribe and represents special districts, municipalities and counties on environmental and water supply issues.

John J. Fumero has over 20 years of experience in environmental, land use, administrative and water policy and law matters. He previously served as General Counsel of the South Florida Water Management District and Director of that agency's Office of Governmental and Legislative Affairs.

FEATURED PRESENTERS

Frederick Bloetscher is the President of Public Utility Management and Planning Services, which helps plan, manage and set up water and sewer service to the public. He has served as the Director of Engineering, Operations and Planning for the Florida Governmental Utility Authority.

Tim Center was appointed to his position by Florida Department of Community Affairs Secretary Tom Pelham and is charged to help create a 50-year sustainable vision for the state. He is also the Vice President of Sustainability Initiatives for the Collins Center for Public Policy.

Melissa L. Meeker heads a strategic water and land planning firm. She has nearly 15 years' experience working on water resource issues in Florida, including over 10 years with the Florida Department of Environmental Protection. She is a Governing Board Member of the South Florida Water Management District.

Trudi Williams was elected State Representative for District 75 in 2004, where she serves as the Chair of the Committee on Environmental Protection. In 1989, she founded TKW Consulting, one of the premier civil, structural and environmental engineering firms in Florida. She currently serves as its CEO.

FACULTY MEMBERS

Michael R. Carlson has been studying sustainable design principles since the early 1980s. He currently holds the distinction of having the project that is the highest ranking LEED project in the State of Florida.

Jeffery S. Dennis oversees regulatory issues for his association, which is comprised of U.S. shareholder-owned electric companies. He previously served as an Attorney-Advisor and Appellate Attorney at the Federal Energy Regulatory Commission.

Doug Heatwole focuses on marine environmental impact assessments and he helps develop coastal and offshore oil, gas and renewable energy projects that minimize impacts to the environment.

Elizabeth M. Hernandez handles legal claims and suits, and provides legal counsel to the City Commission and Administration. She has been recognized among top government attorneys by both *South Florida Legal Guide* and *Florida Trend*.

R.B. "Buzz" Hoover is Vice President, Petroleum Supply, of Gate Petroleum Company, one of the Southeast's largest independent petroleum marketers. He has served as the National Director of Energy Mergers and Acquisitions of Touch Ross.

Kristin Jacobs has been in her position since 1998 and focuses on maintaining a sustainable community while protecting natural resources. She is an active member of the Florida Association of Counties' Water Policy Workgroup.

Heike Lueger develops and refines the firm's carbon footprinting methodology and approach. She provides advice to clients on carbon strategy, greenhouse gas inventories, GHG reduction options and GHG offsets.

Winifred G. Perkins has worked for over 25 years for governmental agencies, consulting groups and private sector interests. She promotes endangered species education, reduction of emissions and development of renewable energy programs.

Elizabeth Plater-Zyberk is the founding principal of Duany Plater-Zyberk & Company and a leader in the national movement called the New Urbanism. She is a member of the Miami-Dade Climate Change Advisory Task Force.

Jesus L. Rodriguez oversees his District's ongoing initiatives to promote water conservation and water use efficiency. He also directs the implementation of regulatory strategies in its new comprehensive water conservation plan.

George A. Rusk specializes in the review and analysis of federal and state environmental laws and regulations concerning hazardous and solid waste, emerging greenhouse gas initiatives and trading programs, clean coal technology, and carbon-dioxide capture and sequestration.

Robert Singer leads environmental evaluations related to the power industry. He has managed projects to determine potential sites for the deep injection of CO2 in Kentucky and Western New York and is Project Manager for another evaluation of potential geological reservoirs for CO2.

Susan H. Skemp joined her University in 2008 and brings a broad industrial background, federal policy and engineering association experience. She previously served as the Executive Vice President, Civil Engineering Forum for Innovation for the American Society of Civil Engineers.

Brian S. Starford is responsible for ensuring the effectiveness of the Environmental Resource, Water Use, and Well Construction Permitting programs within Polk, Highlands, and Hardee Counties. He has nearly 22 years of water resource experience with the District.

Stephen A. Walker has over 30 years of experience in environmental and water-related issues in Florida. He has served as special environmental counsel to the Seminole Tribe of Florida, and as General Counsel to both the South and Southwest Florida Water Management Districts.

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Cancellation

Full tuition refunds (less a \$50 administrative charge) will be given only if notice of cancellation is received by 5:00 p.m. MST on the Friday prior to the Conference. Substitutions may be made at any time.

Tuition

- \$795 per person
- \$695 each for two or more
- \$695 each for government, 501(c)(3) organizations, full-time judges, law students and paralegals
- \$595 each for two or more government, 501(c)(3) organizations, full-time judges, law students and paralegals

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Featured Presentation:
Innovative Alternative Water Supply
Technologies and Regulations



Frederick Bloetscher, PhD, PE
Assistant Professor
Florida Atlantic University
Dania Beach



Honorable Trudi Williams, PE
Representative
Florida House of Representatives
Tallahassee

Keynote Presentation:
The Florida Water Congress and the Century Commission
for a Sustainable Florida: Outcomes and Goals



Tim Center, Esq.
Executive Director
Century Commission for a Sustainable Florida
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Melissa L. Meeker
Managing Member
Hesperides Group
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