**The 13th Annual Southwest Florida Water Resources Conference**  
**Florida Gulf Coast University • Fort Myers, FL**  
**November 21, 2003**

**Emerging Coastal Issues**

**Technical Program:**  
This year's focus will be on Coastal Issues: Implications of rising water levels, Policies, Trends, Water Resources Issues, Land Planning, Flooding, and Water Quality. Program Chairs, Dr. Tom Missimer, CDM Missimer and Dr. Win Everham, FGCU, have a variety of speakers who will address local issues, statewide and national issues.

Attendees will include scientists, federal, state and local regulatory professionals, environmental professionals, engineers, geologists, ecologists, biologists, archaeologists, planners and other interested persons. Students are also welcome to attend and two scholarships will be awarded at the conference to student attendees. Students must be present to win.

**LOCATION & ACCOMMODATIONS**  
The meeting will take place in the Sprint Room in the Whittaker Building on the beautiful FGCU campus. The campus is conveniently located just east of I-75 from either exit 128 (Alico Road) from the north or exit 123 (Corkscrew Road) from the south. **Please be sure to park in Parking Lot #7.**

A block of rooms has been reserved at the Courtyard by Marriott Hotel, 4455 Metro Parkway, Fort Myers, FL 33916 for Thursday and Friday nights at a special rate of $69 per night.

This is easily accessible from I-75 via exit 136 (Colonial Boulevard). Be sure to tell them that you are reserving for the AWRA Florida Section Meeting. You may make reservations by calling 800-321-2211. (Local Phone: 239-275-8600, Fax: 239-275-7087) **The cutoff for this discount is November 6, 2003.**

2003 Meetings: January 31 DeLand; March 21 Destin; May 16 St. Pete Beach; July 24-26 Key West; September 19 Stuart; November 21 Ft. Myers
The 13th Annual
Southwest Florida Water Resources Conference
Friday, November 21, 2003

Florida Gulf Coast University • Fort Myers, FL

"The Rising Tide: Emerging Coastal Issues"

8:00 – 9:00 a.m. Registration & Breakfast
9:00 – 9:30 a.m. Welcome
9:30 a.m. Morning Sessions

Holocene Sea Level Fluctuations in the Gulf of Mexico – Last 500 Years

Effects of Sea Level Change on Surface Water Systems in Southwest Florida

Effects of Sea Level Changes on the Archeological Occupation Patterns in Southwest Florida

11:30 a.m.–1:00 p.m. Board of Directors Meeting – 2nd Floor Conference Room
12:00 p.m.-1:00 p.m. Lunch & Networking

1:00 – 3:00 p.m. Afternoon Sessions (with Break)

3:00 – 4:30 p.m. Panel Discussion: The Rising Tide: Where Will We Be?

4:30 – 6:00 p.m. Social Networking Session – FGCU Patio

Conference updates and forms will be posted on www.caloosahatchee.org

While no formal events are scheduled for Saturday, Southwest Florida offers some of the finest beaches, shelling and fishing in the state. For more information on things to do in the area, visit www.leeislandcoast.com.
Lunch Sponsors:

Break Sponsors:

PASSARELLA AND ASSOCIATES, INC.
Consulting Ecologists

Sponsoring Organizations:

Florida Section, American Water Resources Association (AWRA)
Calusa Chapter, Florida Engineering Society (FES)
The American Society of Agricultural Engineers (ASAE)
The American Society of Civil Engineers (ASCE)
Audubon of Southwest Florida (ASWF)
Florida Association of Environmental Professionals (FAEP)
Southwest Florida Watershed Council
Caloosahatchee River Citizens Association (Riverwatch)
South Florida Water Management District (SFWMD)

For more information:
Mary Rawl, VanasseDaylor (239) 437-4601
Ron Edenfield, ECT, Inc. (239) 277-0003

Sponsorships and Exhibitor Space:
A variety of sponsorships are still available. Please call Dan VanNorman, FDEP, 239-332-6975 ext. 136
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The 13th Annual
Southwest Florida Water Resources Conference
Friday, November 21, 2003
8:00 am - 5:00 pm
Florida Gulf Coast University
Fort Myers, FL

Registration Form

Hotel Discount Deadline – November 6, 2003
Registration Deadline – November 8, 2003

Name ____________________________________________________________
Organization _____________________________________________________
Mailing Address ___________________________________________________

Phone ___________________________________________________________
E-Mail _____________________________________________________________

Make checks payable to AWRA Florida Section and mail to:
Ms. Lynne Felknor
AWRA
212 NW 15th Street
Cape Coral, FL 33993-1127
Email: dfelknor@iline.com

Registration (Includes Lunch) _____ X $50 = $ ___________
Student with ID (Includes Lunch) _____ X $10 = $ ___________
Student Sponsorship* _____ X $10 = $ ___________

TOTAL ______ $ ___________

* You may sponsor a student to attend the event by paying their registration fee. We will include your name with a thank you in the program brochure. If you wish to do this please fill in the required information at the top of the form.

PDH Credit for Florida Professional Engineers

We have been approved by the Florida Board of Professional Engineers (FBPE Provider No. EX00089) to offer Professional Development Hour (PDH) credit to Florida registered Professional Engineers. You will only receive credit if you attend the entire technical session. Please check the box below and include your PE number if you would like to obtain PDH credit.

☐ I plan to be present for all technical sessions and would like PDH credit.
   My PE number is ________________.
AWRA NATIONAL NEWS
Make plans to attend the Annual Conference of the AWRA from November 3 – 6, 2003 in San Diego, California. It will be held at the Hilton San Diego Resort Hotel. Registration can be done online.

Next year’s conferences are:
- Summer Specialty Conference: Riparian Ecosystems & Buffers; Multi-scale Structures, Function, and Management from June 28–30, 2004, Olympia Valley, California.

Look for the call for papers. AWRA National is now receiving the submittal of all papers and conference registrations electronically.

Congratulations to David Watt, with the SJRWMD. He has been elected to the National Board of Directors of the AWRA. He will serve on the Board along with next year’s National President Bob Moresi. Florida will be well represented.

If you have any questions or want to get more involved on a national level, please call Bob Moresi, 1-813-258-8818.

- Bob Moresi

AWRA FLORIDA NEWS
- Technical Program Summary
- Board of Directors Meeting Summary
- Membership Directory Revisions
- Message from the Education Committee
- Bubba Doc Fundraiser
- Membership Renewal Time

Hutchinson Island Meeting – Technical Program
Summary, September 19, 2003

Key speakers representing local, state and federal agencies, an environmental political action group, agriculture, and local economic interests came together to discuss the water management challenges facing the St. Lucie River and Estuary. The primary themes as seen from the audience: 1) Progress is being made; and 2) The technical, economic and political inter-dependency of the issues are driving the various interest groups to work together for success. Not only did these themes ring from the speakers, but also from the Stuart News reporter who attended but left “empty handed” due to the lack of controversy.

Carol Wehle from the South Florida Water Management District (SFWMD) presented an historic overview of the water management challenges of the entire system. Kevin Henderson from the St. Lucie River Initiative discussed the past and current water flows and condition of the St. Lucie River/Estuary, and concluded that the benefits of Water Preserve Areas have been under estimated and the costs over estimated. Tommy Strowd, Director of Operation for the SFWMD presented a pictorial history of the drainage of the Everglades and discussed the current hydraulic operations of Lake Okeechobee by the SFWMD and the releases to the St. Lucie River. Patti Sime from the SFWMD discussed the links between hydrology and biology and presented paths to solutions for water management.

Gary Roderick and Kim Love of Martin County discussed the challenges faced by local governments and presented several successful projects, which have proven to be cost effective, environmentally protective and aesthetically appreciated. Doug Bournique of the Indian River Citrus League discussed the Best Management Practices being used by the citrus industry to reduce water usage and nutrient loading. The BMPs are paying economic dividends through reduced operating costs. Leon Abood representing the
Rivers Coalition and the Realtors Association of Martin County discussed the importance of blending environmental restoration and economic sustainability.

Melissa Meeker of Tetra Tech wrapped up the conference with an interactive question and answer session. Senator Ken Pruitt was the keynote dinner speaker and discussed the importance of available education as an avenue for molding the next generation to assist with water resource issues.

Saturday’s eco-tour conducted by Captain Nancy Beaver was a great success. The pontoon boat tour of the Indian River stopped at Bird Island, a rookery with hundreds of birds of various types including pelicans, ibis, cormorants, anhingas, blue heron, two magnificent frigatebirds and a green parrot. Further south, near the infamous Crossroads where the St. Lucie River and Indian River meet, the tour stopped to watch frolicking dolphins. Along the way many other birds were observed including roseate spoonbills, plovers, osprey, willets and a royal tern followed the boat for quite awhile. First Mate Jenny assured that this was an interactive tour. She had us examining microscopic plankton and touching sea cucumbers and sea urchins. In spite of the early rain shower all had a good, educational time.

- Annette Carter

Summary of Board of Directors Meeting
By Gail L. Murray

The September board meeting was held at Hutchinson Island Marriott Beach Resort & Marina, Stuart FL. Provided below are highlights of some of the items discussed at the meeting

- Allen Biddlecomb, our Treasurer, advised us that the organization was doing well financially.
- We are continuing to grow. There are 16 more active members than two months ago.
- The Board discussed ways to help increase our membership. There was a discussion on providing hard copies of the meeting presentations (Website, CD, etc.) No decisions were made. If you have any suggestions, please discuss with one of the Board members.
- It was noted that there are still Bubba Doc posters available (maybe 20-30 left). Also, tattoos are also available. See Dave Watt.
- John Fumero volunteered to review our bylaws and suggest updates and improvements. Any changes made must be voted on by the general membership. Be on the lookout.
- Hey students! No Florida students have applied for the complementary registrations for the National meeting yet. If anyone is interested, get with Roseanne Clementi ASAP.
- Ballot for 2004 Officers and Board nominations are out. Don’t forget to vote.
- 2004 meeting locations and chairpersons:
  - January 30, 2004 – Jacksonville, Neil Aikenhead and Mike Mesiano;
  - March 26, 2004 – Tallahassee area, Rand Edelstein and Don McEwen;
  - May 14, 2004 – SE Florida area, John Fumero and Cathy Vogel;
  - July 29-31, 2004 – Key West, John Wehle;
  - September 17, 2004 – Ft. Myers, Ron Hamel and Ron Edenfield;
  - November 1-4 National Meeting – Orlando, FL Section Meeting November 2.

Membership Directory Revisions
Please incorporate the revisions shown below into your membership directory. If you have not received a directory, or have comments about your listing, please contact me.

<table>
<thead>
<tr>
<th>Page iv &amp; 22</th>
<th>Page 3</th>
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<tbody>
<tr>
<td>William Stimmel</td>
<td>John Capece</td>
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<td>407-808-4338 voice</td>
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<tr>
<td><a href="mailto:bmarystimmel@cfl.rr.com">bmarystimmel@cfl.rr.com</a></td>
<td><a href="mailto:Capece@SouthernDataStream.com">Capece@SouthernDataStream.com</a></td>
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David Watt, Member Services • 386-329-4355 • dwatt@sjrwmd.com
"Bubba Doc" Fundraiser

For the Key West meeting, we created a beautiful mini poster signed by “Bubba Doc” to celebrate John Wehle’s retirement from the SJRWMD and 30 years of service to the State of Florida. We have a limited number of these posters remaining. For a minimum $1.00 donation you can have one of these mementos. Proceeds will go to the AWRA Education Fund. Contact David Watt at 386-329-4355 or dwatt@sjrwmd.com.

MESSAGE FROM THE EDUCATION COMMITTEE

Six Complementary Student Registrations Available

National donated six complementary student registrations to the annual meeting in San Diego. The student registrations were purchased at the auction by Laura and Buddy Blain. The Blain’s asked me to get these complementary registrations to deserving students. So you deserving students who are going to the annual meeting need to contact Rosanne Clementi at rclementi@sesi.cc or call (813) 752-1289.

- Rosanne Clementi, Chair

Time to Renew Your Membership

Florida Section membership dues for 2004 are due January 1st. Please use the membership application form in this newsletter, or the one on our web page at www.awraflorida.org. Thank you for your continued support of water resources education through AWRA!
2004 Membership Application

**MEMBERSHIP DUES**
New ☐ $10 Regular ☐
Renewal ☐ $ 4 Student ☐

**DIRECTORY INFORMATION**
Please give us the information requested below, as you would like it to appear in the membership directory.

<table>
<thead>
<tr>
<th>Name:</th>
<th>____________________________________________________________________________</th>
<th>First</th>
<th>Middle Initial</th>
<th>Last</th>
<th>Suffix (Ph.D., PE, PG, etc)</th>
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<td>Company/Affiliation:</td>
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<td>Mailing Address:</td>
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<td>City</td>
<td>State</td>
<td>Zip Code</td>
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| Daytime Telephone: | __________________________________________________________ | Area Code |
| Facsimile: | __________________________________________________________ | Area Code |

| E-mail: | ____________________________________________________________________________ |

**MEMBERSHIP INTERESTS**
Would you like to receive our newsletter via e-mail? Yes ☐ No ☐
Are you an AWRA National Member? Yes ☐ No ☐
If not, would you like information? Yes ☐ No ☐
Are you interested in sponsorship opportunities? Yes ☐ No ☐
Would you like to be part of a bi-monthly meeting team? Yes ☐ No ☐

For membership information, please contact David Watt at (386) 329-4355 or dwatt@sjrwmd.com

**PAYMENT INFORMATION**
$ _____ Annual dues (please indicate if you are paying for additional years)
$ _____ Florida Section Water Resources Education Fund (tax deductible contribution)
$ _____ TOTAL (Please make checks payable to AWRA Florida Section, THANK YOU!)

Return application & check to:  David Watt, Membership Services Coordinator
P.O. Box 1823
Palatka, Florida 32177

Florida Section membership dues are due January 1 and are good through December 31. Contributions or gifts to the Florida Section are deductible as charitable contributions for federal income tax purposes. Dues payments may be deductible by members as an ordinary and necessary business expense.

**Section Use Only:**
Date Received: ______________ Check #: ______________ Amount: ______________
Ballot

American Water Resources Association
Florida Section

2004 Officers and Board Nominations

<table>
<thead>
<tr>
<th>Officers</th>
<th>Board Members</th>
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<tr>
<td>Michael D. Mesiano</td>
<td>Neil Aikenhead, P.E.</td>
<td>Gail L. Murray, P.G.</td>
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<tr>
<td>President</td>
<td>Jacksonville</td>
<td>Tequesta</td>
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<td>Allan H. Biddlecomb, P.G.</td>
<td>Ron Edenfield, P.E.</td>
<td>Paul W. O’Neil, Jr., P.E.</td>
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<tr>
<td>Vice President</td>
<td>Fort Myers</td>
<td>Tampa</td>
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<tr>
<td>Roger Rumenik, P.G.</td>
<td>John J. Fumero, Esq.</td>
<td>Cathleen Vogel</td>
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<td>Secretary</td>
<td>West Palm Beach</td>
<td>Miami</td>
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<tr>
<td>Patrick R. Victor, P.E.</td>
<td>Ron Hamel</td>
<td>David R. Watt, P.E.</td>
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<tr>
<td>Treasurer</td>
<td>LaBelle</td>
<td>Palatka</td>
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<td>Jay W. Yingling</td>
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<td>Donald McEwen</td>
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Approval of Candidates ______________________________

Write in Candidate(s) ______________________________

to replace __________________________________________

(Nominee)

Members may vote with or without the attached ballot; i.e., a short note with the active member’s voting preference will also suffice as a valid ballot. Votes should be emailed to Mike Cullum, Tellers Committee, at the following email address (mcullum@sjrwmd.com) by October 31st. Only votes by active members will be counted. Thank you for your cooperation.
This Page Intentionally Left Blank
Welcome New Members!

Heather R. Barone, Tetra Tech FW, Inc., Stuart
Kristin K. Bennett, Esq., Lewis, Longman & Walker, P.A., West Palm Beach
Heidi K. Kumpf, Greenhorne & O'Mara, West Palm Beach
Helen V. Madeksho-Hickman, P.G., Brown & Caldwell, West Palm Beach
Derek K. McGregor, PG, GWP, Waterloo Hydrogeologic USA, Inc., Tampa
Emily M. Mott, Brown & Caldwell, West Palm Beach
Vanessa A. Richter, P.E., Vanasse Daylor, Ft. Myers
Edgar Allen Stewart, P.E., Hydromentia, Inc., Ocala
Brent M. Whitfield, PBS&J, Lake Worth
Mark Zivojnovich, P.E., Hydromentia, Inc., Ocala

CONTACT UPCOMING MEETING CHAIRMEN REGARDING SPONSORSHIP OR ASSISTANCE

Ft. Myers
November 21, 2003
Ron Edenfield
239-277-0003

Jacksonville
January 30, 2004
Neil Aikenhead
Mike Mesiano

Tallahassee Area
March 26, 2004
Rand Edelstein
Don McEwen

SE Florida Area
May 14, 2004
John Fumero
561-251-1098

VISIT THE FLORIDA SECTION WEBSITE AT:
www.awraflorida.org