

# the Watershed

*AWRA Florida Section Bi-Monthly Meeting  
Palm Coast, Florida  
January 21, 2005*

## Welcome to Flagler County – A First for Florida AWRA

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Palatka

**Jay W. Yingling**  
Tampa

**Sanford N. Young**  
Tallahassee

**Technical Program:** Charley! Frances! Ivan! Jeanne! From riding out the storms to development and formation of a water supply authority to a successful environmental restoration project, with TMDLs thrown in for good measure – the Technical Program will be an adventure. Over dinner, a water management district ombudsman will then provide a “view from the edge of the coin.”

**Tour:** On Saturday morning at 10:30 a.m., you are invited to tour Ft. Matanzas. This beautiful National Park Service monument is located on the Halifax River just south of St. Augustine. Come and learn about the Spanish influence on the region. Please RSVP on the registration form so we can have an accurate head count.

**Location & Accommodations:** A block of 15 rooms has been reserved at the Harborside Inn at a group rate of \$109/night. Reserve your room by calling the resort at (386) 445-3000 or (800) 654-6538. Check in is 3 p.m. *After December 22, these rooms are subject to release and may no longer be available at the group rate.*



*2005 Meetings: January 21 Palm Coast; March 18 Tallahassee Area; May 13 Lakeland; July 28-30 Key West; September 30 Cedar Key; November 18 Ft. Myers – SW Water Resources Conference*



**Florida Section Bi-Monthly Meeting**  
**Friday, January 21, 2005**  
**Ocean Hammock Resort • Palm Coast, Florida**  
Ocean Hammock Resort, 300 Clubhouse Drive, Palm Coast FL 32137  
***Welcome to Flagler County – A First for Florida AWRA***

**12:00 – 1:30 p.m.**

**Board of Directors' Meeting, Waterway Room**

*Box lunches to be served – Dutch Treat; Section members welcome\**

**Registration**

**Technical Program – Flagler's I & II Room**

**2:00 – 3:00 p.m.**

**WATER SUPPLY**

**Forging Interlocal Coordination to Address Water Supply Needs**

*Representatives from Flagler County and the City of Palm Coast will discuss their developing approach to water supply development.*

**WAV – The Volusia County Experience**

*New Smyrna Beach Mayor Jim Vandergriff, Chairman of the Water Authority of Volusia and Authority Executive Director Bruce Mowry will share their experience in forming this county-wide water supply authority.*

**3:00 – 4:15 p.m.**

**WATER QUALITY**

**Total Maximum Daily Loads – The Lower St. Johns River Experience**

*Richard Wagner, CDM, will present information on accounting for uncertainties while modeling for the TMDL process; and Daryll Joyner, Florida Department of Environmental Protection, will present information on TMDL models, allocation and pollutant trading in the case of the Lower St. Johns River TMDL program.*

**4:15 – 5:30 p.m.**

**WATER MANAGEMENT IN TIMES OF CRISES**

**Charley! Frances! Ivan! Jeanne! – Rising to the Challenge of Managing Florida's Waters Through the Most Destructive Hurricane Season in History --**

*Bobby Howard, Director of Operations at South Florida Water Management District (WMD); Gary Kuhl, Director of Operations at Southwest Florida WMD; and Mike Cullum, Director of Engineering at St. Johns River WMD will share their experiences riding the storms out!*

**5:30 – 6:00 p.m.**

**ENVIRONMENTAL RESTORATION**

**The Northern Coastal Basins Restoration Project**

*Paul Haydt, Project Manager from St. Johns River WMD will give an overview of this successful environmental restoration project.*

**Evening Events**

**6:00 – 7:00 p.m.**

**Reception Waterside at the Pavillion (Weather Permitting)**

**7:00 – 9:00 p.m.**

**Southern Hospitality Banquet in the Harbor Ballroom**

*Dinner Speaker: Frank Meeker, Ombudsman, St. Johns River WMD*

**An Ombudsman's View from the Edge of the Coin**

**Field Trip – Saturday, January 22, 2005**

**10:30 a.m.**

**Boat Ride and Tour of Ft. Matanzas National Monument on the Halifax River  
(Free of Charge)**

\* Please advise Cathy Vogel (239-565-1429; [catpg@aol.com](mailto:catpg@aol.com)) if you plan to attend the Board Meeting as well as the Technical Program so that a box lunch can be provided for you.



### **AWRA NATIONAL NEWS**

I am now a "Past President". Therefore, I would like to personally thank all of you for the support and help you gave me over the past year. Last year was exciting and very rewarding as President of AWRA. I hope that the national members found it beneficial, and that any non-national member will consider joining to become an important part of this very multi-disciplinary association. Last year we began a new initiative that was in the planning stage for 3 years, that will now guide us into the future. We also made great strides internally to restructure our administrative processes and conference management. These changes will result in stronger financial strength, even better conference programs, improved member support, and continued technical excellence.

Our effort to provide "Community, Conversation, and Connections" was the very basis of our Annual Conference in Orlando in November. For those that missed it, you missed one of the best conferences in our history. We had the most exhibitors, the best technical program, and the most conference support that I can remember. My personal thanks to all that

made it happen. My deepest thanks to all that helped, but especially to John Wehle as Program Chair, Steve Nix as Technical Chair, and Carol Wehle as Financial Chair for making the 2004 Annual Conference the best. Our next Annual Conference will be in Seattle and I hope more of you will be able to attend. In addition, we have several other conferences planned this year. Look for those, and a special conference on the Everglades and the CERP program in the spring.

Remember to visit the national webpage or call the AWRA Headquarters at 1-540-687-8390. Anyone there will be glad to help you. Again, thanks.

Bob Moresi  
Past President

### **AWRA FLORIDA NEWS**

- Student Chapter News
- October Board of Directors Summary
- November Board of Directors Summary
- Announcements

### **STUDENT CHAPTER NEWS**

There are now several universities with Student Chapter activity. Anyone interested in Student Chapters, especially other students or nearby water resource professionals, are encouraged to make contact with the persons listed and get involved. Anyone with additional information or questions regarding Student Chapters can contact Carol Hinton [chinton@treeo.ufl.edu](mailto:chinton@treeo.ufl.edu) or Allan Biddlecomb [abiddlecomb@jea.net](mailto:abiddlecomb@jea.net).

University of Florida: Gordon Brown [awra@ees.ufl.edu](mailto:awra@ees.ufl.edu), Faculty Advisor: Dr. Jim Jawitz  
 University of South Florida: no recent activity, Faculty Advisor: Dr. Mark Rains [mrains@cas.usf.edu](mailto:mrains@cas.usf.edu)  
 University of Central Florida: Marie Romah [sromah@pegasus.cc.ucf.edu](mailto:sromah@pegasus.cc.ucf.edu), Faculty Advisor: Dr. Ola Nnadi  
 Florida State University: no known activity, previous Student Chapter within Geology Department  
 University of North Florida: no student chapter at present, Faculty Advisor: Dr. Stephen Nix

### **UF AWRA:**

The UF AWRA Student Chapter would like to thank the National AWRA for strongly encouraging student involvement in the conference and setting up specific activities and career sessions for us, and for providing some student registration waivers. It really shows their commitment to student members. We would also like to thank the Florida AWRA Section. Without their generosity and commitment to the Florida student chapters we would not have been able to have 12 students attend all or part of the conference. We look forward to continuing our involvement with the State Section's meetings. We feel very lucky to have a state section so active and enthusiastic for student involvement in water resources. If there is anything we can do to help other universities start or reactivate their own AWRA student chapters, please let us know.

- Gordon Brown, AWRA Student Chapter President [awra@ees.ufl.edu](mailto:awra@ees.ufl.edu); website: <http://grove.ufl.edu/~awraawra>

### **2005 Environmental Career Expo at University of Florida**

***Thursday, January 27<sup>th</sup>, 2005, 6:00 to 9:00 p.m., University of Florida, Reitz Union Ballroom***

UF AWRA, Florida Water Environment Association (FWEA), and Society of Environmental Engineers (SEE) clubs are organizing the 2005 Environmental Career Expo for employers to come to UF for an evening, set up a table & display, and recruit & interact with undergraduate and graduate students from all majors interested in working in the

water resources and environmental field. Sponsorship donations are needed to offset our costs. A CD of attendees and resumes will be provided to companies and agencies participating. Last year 20 companies and 100 students participated. This year we expect 40 tables and over 200 students to attend. For more information, contact Ruben Kertesz, 216 Black Hall, P.O. Box 116450, Gainesville, FL 32611-6450, [ece@ees.ufl.edu](mailto:ece@ees.ufl.edu), (352) 846-3036.

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### **October 2004 Board of Directors Teleconference Summary** - by Roger Rumenik

The bimonthly AWRA FL Section meeting scheduled to be held in Ft. Myers on September 17, 2004, was cancelled due to the pending threat of Hurricane Ivan. As an alternative to the Board meeting scheduled to be held that same day, a teleconference was called by the President. Provided are highlights of some of the items discussed.

- Mike Mesiano presided over the meeting.
- Cathy Vogel reported on setting up a FL Section welcome station at the AWRA National Conference held in Orlando November 1-4, 2004.
- Bob Higgins has accepted the nomination for Vice-President for 2005; and Cathy Vogel has accepted the nomination for Secretary.
- 2005 meeting locations and chairpersons were decided:

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| January 21, 2005 – Palm Coast     | Chair – Vogel/Mesiano/Victor/Nelson |
| March 18, 2005 – Tallahassee area | Chair – Bill Stimmel                |
| May 13, 2005 – Lakeland           | Chair – Walt Reigner/Paul O’Neil    |
| July 28-30, 2005 - Key West       | Chair - John Wehle                  |
| September 30, 2005 – Cedar Key    | Chair – Carol Hinton                |
| November 18, 2005 – Ft. Myers     | Chair – Ron Hamel/Ron Edenfield     |

The new website is up-and-running. Check it out at: [www.awraflorida.org](http://www.awraflorida.org)

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### **November 2004 Board of Directors Meeting Summary** - by Roger Rumenik

The November 2004 FL Board meeting was held at the Sheraton World Resort in Orlando, Florida concurrent with the National Conference. Provided below are items discussed at the meeting:

- Mike Mesiano presided over the meeting.
- Patrick Victor reported that the financial status of the treasury continues to be well.
- Dave Watt presented that there are 330 active members, of which include 91 National members; 30 students.
- Five students, FIU, and 13, UF, attended the National Conference.
- It was reported that in 2004 \$600 was given for students to attend the National Meeting.
- The membership approved the slate for the 2005 Board of Directors and revisions to the By-Laws.

**Good showing, students!**

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### **Time to Renew Your Membership for 2005**

Florida Section membership dues for 2005 are due January 1<sup>st</sup>. Please use the membership application form in this newsletter, or the one on our web page at [www.awraflorida.org](http://www.awraflorida.org). Thank you for your continued support of water resources education through AWRA!

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### **Florida Section Meeting Notice – March 18, 2005**

Mark your calendars for the March 18, 2005 Florida Section meeting at Wakulla Springs Lodge located 16 miles south of Tallahassee. You can also reserve your room now by calling 850-224-5950. Please contact Bill Stimmel at 850-668-8079 if you have any questions. The February 2005 issue of the Watershed will provide details of this meeting.

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### **Source Water Protection Symposium**

Anyone interested in an upcoming Source Water Protection Symposium? Check out this link:  
<http://www.awwa.org/conferences/swp/>

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# 2005 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.

Name: \_\_\_\_\_  
First Middle Initial Last Suffix (Ph.D., PE, PG, etc)

Company/Affiliation: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

\_\_\_\_\_  
Box, Street or Route Suite or Apartment

\_\_\_\_\_  
City State Zip Code

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](mailto:d watt@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: \_\_\_\_\_



## January 21, 2005 Meeting Information

Ocean Hammock Resort® • 300 Clubhouse Drive • Palm Coast, FL 32137 • Tel: 800-654-6538  
Formerly the Palm Coast Resort



### **Hotel Reservation Deadline – December 22, 2004**

**Reservations:** A block of 15 rooms has been reserved at the Harborside Inn at a group rate of \$109/night. Reserve your room by calling the resort at (386) 445-3000 or (800) 654-6538. Check in is 3 p.m. *After December 22, these rooms are subject to release and may no longer be available at the group rate.*

Included with your registration: Tour of Ft. Matanzas Saturday morning (10:30 a.m.). Visit this beautiful National Park Service monument on the Halifax River just south of St. Augustine and learn about the Spanish influence on the region.

If you would like more information, you can visit <http://www.oceanhammock.com>.

### ***Harborside Inn***

Overlooking the Intracoastal Waterway and the Resort's 80-slip marina, the Harborside Inn has an easygoing ambiance that's perfect for golfers, groups and leisure travelers who want a resort setting with more value-priced accommodations. Surrounded by live oaks and lush plantings, the Harborside Inn hits just the right note of comfort and convenience. The Inn has 149 guestrooms, all with water or marina views.

- Guestroom amenities: custom bath products, work desk, spacious bathroom with spa tub and double-sink vanity, choice of king or two double beds
- Flagler's Seafood and Steaks Restaurant open for breakfast, lunch and dinner
- Lounge with live entertainment on weekends
- Swimming pool with whirlpool spa
- 11,000 square feet of meeting and function space

### **Directions to the Harborside Inn, Canopy Walk and Harbor Side Village**

**From I-95.** Go North or South on I-95 to Exit 289. Exit and go east approximately 2-1/2 miles on Palm Coast Parkway. You will see the toll bridge. **DO NOT GO THROUGH THE TOLL BRIDGE.** Turn right on Palm Harbor (Dr) Parkway before toll bridge. Follow road to stop sign. Turn right at stop sign into Ocean Hammock Resort - Harborside Inn.



**Ocean Hammock Resort**  
 Friday, January 21, 2005  
 Harborside Inn  
 Palm Coast, Florida

## Registration Form

Meeting Registration Deadline – January 14, 2005  
 Hotel Reservations Deadline – December 22, 2004

**Name** \_\_\_\_\_

**Organization** \_\_\_\_\_

**Mailing Address** \_\_\_\_\_

\_\_\_\_\_

**Phone** \_\_\_\_\_

**E-Mail** \_\_\_\_\_

**Guest Name** \_\_\_\_\_

*Registration includes the Friday night Southern Hospitality Buffet with all the fixins: Fried Chicken, BBQ Ribs, Catfish and Sides Galore, and a Tour of Ft. Matanzas Saturday morning (10:30 a.m.). Visit this beautiful National Park Service monument on the Halifax River just south of St. Augustine and learn about the Spanish influence on the region.*

**Make checks payable to AWRA Florida Section and mail to:**

|                          |   |       |              |             |
|--------------------------|---|-------|--------------|-------------|
| Cathy Vogel              | Registration (Includes Buffet)            | _____ | X \$50 =     | \$ _____    |
| The Catalina Group, Inc. | Students*                                 | _____ | X \$35 =     | \$ _____    |
| 2600 Alarka Street       |   |       | <b>TOTAL</b> | \$ _____    |
| Miami, Florida 33133     | <b>Number attending Saturday Tour</b>     | _____ |              | Free        |
|                          | <b>Number attending the Board Meeting</b> | _____ |              | Dutch Treat |

\* 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 requested information at the top of the form.

**PDH Credit for Florida Professional Engineers**

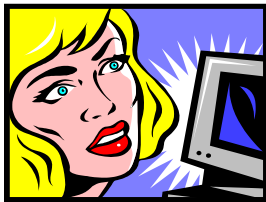
We have been approved by the Florida Board of Professional Engineers (FBPE provider # EX00089) to offer Professional Development Hour (PDH) credit to Florida registered Professional Engineers. You will only receive credit if you attend the entire technical session. Please check the box below and include 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 Newsletter Editor:**

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 Southwest Florida Water Management District  
 2379 Broad Street, Brooksville FL 34604-6899  
 Phone (352) 796-7211 • Fax (352) 544-2328  
[Paul.Oneil@swfwmd.state.fl.us](mailto:Paul.Oneil@swfwmd.state.fl.us)



**VISIT THE FLORIDA SECTION WEBSITE AT:**  
[www.awraflorida.org](http://www.awraflorida.org)

***✪ Contact Upcoming Meeting Chairmen Regarding Sponsorship or Assistance ✪***

|                   |                         |                          |                  |
|-------------------|-------------------------|--------------------------|------------------|
| <b>Palm Coast</b> | <b>Tallahassee Area</b> | <b>Lakeland</b>          | <b>Key West</b>  |
| January 21, 2005  | March 18, 2005          | May 13, 2005             | July 28-30, 2004 |
| Cathy Vogel       | Bill Stimmel            | Paul O'Neil/Walt Reigner | John Wehle       |
| 239-565-1429      | 850-668-8079            | 863-667-2345             | 561-253-4309     |

**Welcome New Members!**

Brett A. Cunningham, Jones, Edmunds & Associates, Inc., Gainesville  
 Deana M. Demichelis, US Geological Survey, Reston, VA  
 Debra A. Francis, PEER Consultants, P.C., Rockville, MD  
 Eric Gurr, P.E., City of Kissimmee Public Works & Engineering, Kissimmee  
 Fred G. Kaub, P.G., GFA International, Boca Raton  
 Ruben A. Kertesz, University of Florida student, Gainesville  
 William D. Musser, P.E., TetraTech – Hartman & Associates, Inc., Orlando  
 Eric T. Olsen, Hopping Green & Sams, P.A., Tallahassee  
 Daniel L. Reisinger, University of Florida student, Gainesville  
 Michael K. Thompson, P.E., M.Sc., Totten Sims Hubicki Associates, Whitby, ON  
 Ray Tufgar, M.B.A., Totten Sims Hubicki Associates, Kitchener, ON  
 Laura Line, Water and Air Research, Inc., Gainesville  
 Timothy E. Stanford, P.E., Parsons Brinkerhoff, Orlando  
 Edward L. Wright, USDA Natural Resources Conservation Service, Palatka

