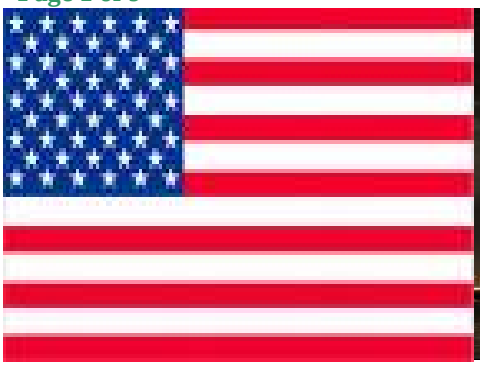
July 2010



# Civil Times

ASCE American Society of Civil Engineers
SunCoast Branch News
Volume 5 No. 10
July 2010

## Vice President's Message from Sonya Fronckowiak, P.E.

It's July already?! Where has the time gone? It seems like just yesterday that we were partying it up on the LeBarge Cruise and now we are celebrating the 4th of July. Hopefully everyone had a safe holiday weekend and got to enjoy some good BBQ with your friends and family!

July is usually a slow month for ASCE, but this year we have a lot of exciting events and opportunities. You can win some awards, go to the annual Florida Section Conference, go to the Laws and Rules Course, and of course attend our monthly lunch meeting.

This is the final month to nominate your colleagues for some awards and/or to get some recognition for your hard work. July 31st is the deadline to get your nominations in for the Young Engineer of the Year, Engineer of the Year, Government Engineer of the Year, and Project of the Year. Don't let this date slip by…nominate someone or a project that deserves to be recognized!

The Florida Section Conference is July 15 – 17 at the Harbor Beach Marriott Resort & Spa in Fort Lauderdale. You can earn all your PDH's and network with other engineers around the state.

If you are not able to attend the conference, you have another opportunity this month to fulfill your Laws and Rules PDH requirement on Friday, July 23rd. Have the peace of mind of earning your PDH's early and sign up for the Laws and Rules Course hosted by ASCE, FES, FWEA, APWA, and Stanley Consultants. It will be held at the Sarasota County BOB Building in their large training room from 8:00 am to 1:00 pm (includes lunch) for only $65. Dr. Charles (Chick) R. Glagola, Associate Professor from the University of Florida, will be the presenter. Space is limited so sign up today by contacting Cindy Brommers with Stanley Consultants at brommerscindy@stanleygroup.com or 941-378-0645.

And last but not least, we have our monthly lunch meeting on July 15th at the Dutch Heritage. This month's speakers are Theresa Connor, P.E, the Executive Director of Environmental Services and Jack Merriam, the Water Resources Manager from Sarasota County. They will give an update on the status of FDEP's Impaired Water Program and USEPA's Numeric Nutrient initiative and they will share the County's approach on both of those efforts. This is a very important topic that affects every future design so RSVP to our Branch Secretary, Amjid Hussain at ahussain@scgov.net today!

Please make sure you RSVP today for the Laws and Rules Course and for the meeting, and don't forget to send us your nominations. Also, as a reminder, the PE Review Classes begin next month, so if you are interested in teaching a class, please contact Amjid Hussain. Thank you for your continued support of the ASCE SunCoast Branch!

Sincerely,
Sonya Fronckowiak, P.E.

## Mark your Calendars!! Special Events:

**July 15**-ASCE Lunch Meeting
**July 15-17**- FL Section Conference
**July 23**-Laws and Rules Course
**July 31**- Award nomination due
**August 3**- P.E. Review Classes

## In This Issue:


| | |
|---|---|
| V. President's Message | PG 1 |
| Laws and Rules Class | PG 2 |
| Conferences | PG 2 |
| Sub Committees | PG 2 |
| ASCE P.E. Review Classes | PG 2 |
| Sponsor's Spot | PG 3 |
| July Speaker Bio | PG 4 |
| Branch Awards | PG 4 |
| Career Building | PG 5 |
| Happy birthdays | PG 6 |
| P.E. Exam Review | PG 6 |
| Math Trick | PG 6 |
| FL ASCE News | PG 7 |
| FL Section Directors | PG 7 |
| Sponsor's Spot | PG 7 |
| Sponsor's Page | PG 8 |
| July Meeting | PG 9 |

## SUNCOAST BRANCH SUB-COMMITTEES

Please join a Sub-committee today!

1) Scholarship Committee: Please contact Tim Foushee fousheet@ayresassociates.com for more information

2) Outreach Program Committee: Please contact Paula R. Wiggins at pwiggins@scgov.net for more information

3) Toothpick Bridge Committee: Please contact Chris Sharek at RSSharek@PBSJ.com for more information

4) West Point Bridge Committee Please contact Paula Wiggins at pwiggins@scgov.net for more information

5) Florida Section Science and Engineering Fair Committee Please contact Adnan Javed at AJaved@scgov.net for more information

## Florida Laws and Rules Class for P.E. Professional Development Hours at Sarasota:

**When**: Friday, July 23
**Time**: 8:00 to 1:00 (includes lunch)
**Where**: BOB building, 1001 Sarasota Center Boulevard, Large training room
**Cost**: $65.00 per person includes lunch
**Benefit:** Fulfill Laws and Rules PDH requirement by earning 4 PDH's
**Sponsors**: Suncoast ASCE, Stanley Consultants, FWEA, APWA and FES.
**Seating**: 150 Maximum
**Instructor**: Dr. **Charles R. Glagola, P.E.**

Please contact Cindy Brommers at BrommersCindy@stanleygroup.com (941-378-0645) at the Stanley Group to reserve your seat.

## *ASCE Upcoming Conferences*

**Go to www.ASCE.org/conferences for more information.**

| | | |
|---|---|---|
| July 15-17 | ASCE FL section annual conference | Fort Lauderdale, FL |
| August 01-04 | Earth Retention 2010 | Bellevue, Washington |
| August 23-27 | Watershed Management 2010 | Madison, Wisconsin |

## *ASCE's P.E. Exam Review Courses on the web:*

P.E. Civil, P.E. Environmental, and P.E. Structural I Exam Review Courses. For more information, please go to the following link:
http://www.asce.org/Workarea/linkit.aspx?LinkIdentifier=ID&ItemID=89

## *ASCE's SunCoast Branch P.E. Exam Review Courses:*

The review courses for the Fall 2010/Spring 2011 P.E. Exams will begin in August. For more information, or if you would like to teach a course, please contact Amjid Hussain (ahussain@scgov.net). See page 6 for more details.

## Sponsor's Spot:

Welcome to a section devoted to advertising for local engineering firms and sponsors. For ad rates and promotions please contact the Branch Vice President Sonya Fronckowiak. If you are interested in advertising job openings please contact Branch Secretary for details.

A Special thanks to our Sponsors.

SCHEDA ECOLOGICAL ASSOCIATES

RS&H CS

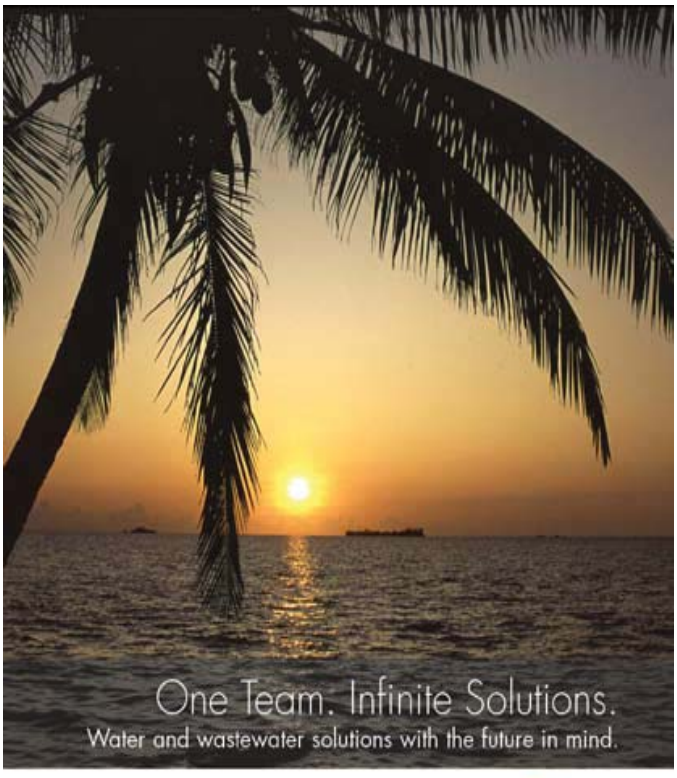
IMPROVING YOUR WORLD

dmkassoc.com

LAND DEVELOPMENT
MUNICIPAL
SURFACE WATER MANAGEMENT
COASTAL AND MARINE
SURVEYING AND MAPPING
CONSTRUCTION SERVICES

435 Commercial Court, Venice, FL 941-412-1293
4315 S. Access Road, Englewood, FL 941-475-6596

DMK ASSOCIATES ENGINEERS • SURVEYORS
Engineering Possibilities




In Sarasota, call (941) 365-5500

Stantec

Global Expertise. Local Strength. Powered by People.

***2010 Branch Award Nominations Being Accepted for:***

ENGINEER OF THE YEAR

YOUNG ENGINEER OF THE YEAR

GOVERNMENT ENGINEER OF THE YEAR

PROJECT OF THE YEAR

Please take a minute to reward hard work. Recognizing your valuable employees, customers, or important projects is a great way to showcase great individual or team efforts. Every firm or government office has someone who goes above and beyond; please take a moment to deliver kudos where deserved by filling out a registration form and submitting your nomination to any branch officer. For nomination form and details, please contact: Amjid Hussain at Ahussain@scgov.net

***Quote of the month:***
Liberty is the breath of life to nations
-Bernard Shaw

## July speakers and topic introduction

***Topic:***
**An update on the status of FDEP's Impaired Water Program and USEPA's Numeric Nutrient initiative and how the County is approaching both of these efforts.**

***Speakers:***
**Theresa A. Connor, P.E., Executive Director Sarasota County Environmental Services**:

Theresa Connor, P.E. - Theresa serves as the Executive Director of Environmental Services for Sarasota County. Her duties include oversight of the Natural Resources, Solid Waste, and Integrated Water (Stormwater and Utilities) Divisions. Theresa has extensive experience in water issues including stormwater, potable water, wastewater and natural systems. She holds masters degrees in Environmental Engineering and Business Administration. For relaxation, she enjoys kayaking the beautiful waters of Sarasota County.

**John W. (Jack) Merriam**
**Water Resources Manager, Sarasota County**

Mr. Merriam is a graduate of USF Tampa, having received his bachelor's and master's degrees from the college of Natural Sciences in the early 70s. Jack has worked for a wide variety of agencies including: St. Johns River Water Management District, the Florida Department of Environmental Regulation, Florida Department of Natural Resources, Florida House of Representatives, Hillsborough County Stormwater Section, and most recently with the Sarasota County Government. Jack's work interests have long involved watershed management, and creative ways to protect and restore water quality. While at Hillsborough County he became interested in Low Impact Development which is a method of developing which seeks to mimic the nature hydrologic cycle as much as possible. He was involved in a 1992-93 SWFWMD cooperative funding project that was called Hydria, which was a cistern which takes water from the roof of the Hillsborough County Courthouse and stores it in a 15,000 gallon artwork which looks like a Greek Ruins. He subsequently was involved in encouraging the Tampa Bay Regional Planning Council to sponsor a Low Impact Development Conference in 2004. Now, four years later, he is finally finishing the first Low Impact Development Design manual for Sarasota County in partnership with the SWFWMD and the Sarasota Bay Estuary Program. Jack is also a member to the Technical Advisory Committee for the State-Wide Stormwater Rule, representing the Florida Local Environmental Resource Agencies (FLERA), which may utilize a number of LID techniques in treatment trains to accomplish desired pollutant reductions.

## 10 Attitudes of Successful Workers

Anyone can adopt the right attitude. No matter where you are from or how much innate talent you have, the right attitude can make a difference in your career. Try adopting these 10 attitudes of successful workers:

**1. I am in charge of my destiny.**

If you spend your entire career waiting for something exciting to come to you, you will be waiting a long time. Successful professionals go out and make good things happen. So commit yourself to thinking about your career in an entirely different way. You will make it to the top, and you are in charge of making it happen.

**2. Anything is possible.**

Think that there is no way you will ever be at the vice-president level? Then you definitely won't. Remember: If you think you can't, you probably won't. Adopt the attitude of The Little Engine That Could -- "I think I can."

**3. No task is too small to do well.**

You never know when you are going to be noticed. That is one reason to take pride in your work -- all of it. One public relations executive in Chicago said that her first task in the PR department of a ballet company was reorganizing the supply closet. She tackled the project with gusto and was immediately noticed for her hard work and attention to detail. Remember this the next time you feel like slacking because you are working on a menial task.

**4. Everyone is a potential key contact.**

While you do need to be aggressive in the workplace, you can also go far by being nice to those around you. Do you think it's unimportant to establish a good rapport with your boss's secretary? Well, just try getting your meeting squeezed onto the schedule when you really need it. Be courteous to those around you -- you never know when your past contacts will play a role in your future.

**5. I was made to do this job... and the one above me.**

If you spend your days feeling like you are not cut out to do the work you are responsible for, your performance will suffer. Your job may not be the perfect fit, but successful workers act like they are in their dream job, no matter where they are.

**6. It's not just what I know, but who I know.**

Successful workers understand the importance of networking, both in and out of the office. You need to proactively establish professional contacts. Invite a colleague out to lunch. Go to the after-work happy hour. Join your professional association. Do your part to establish a networking path for your future.

**7. What else can I do?**

Since you are in charge of your destiny, it's your job to look for ways to improve your professional self. Volunteer to take on an extra project. Learn a new skill that will make you more marketable. Stay late to help your co-workers. Successful workers don't just complete the job and sign out -- they look for additional ways to make their mark.

**8. Failure will help pave the way to my success.**

While it seems like some people never experience setbacks, the truth is everyone fails from time to time. The difference between successful and unsuccessful people is how they deal with failure. Those who find success are the ones who learn from mistakes and move on.

**9. I am my own biggest fan.**

Have you been waiting for someone in the office to recognize your talents and efforts? Maybe it's time you start tooting your own horn. Step up and talk about your accomplishments and what you have done for the company. Successful workers know how to point out their achievements without sounding boastful.

**10. My opportunity monitor is never turned off.**

Yes, there will be days when you will want to just be happy with the status quo. But remember that successful workers are always on the lookout for opportunities to improve. Keep your eyes, ears and your mind open to new opportunities -- you never know when you will discover the one that will change the course of your career!

Source: Career Builder

***Math Trick***

*Multiply two numbers in the teens, like 18X16.*

***How you do it:***

*First, add the two digits in the ones place, the 8 and the 6.*

*8+6=14.*

*Next take that sum, 14, and add it to 10.*

*14+10=24. Then tack zero on at the end. 24 transforms into 240.*

*Finally multiply the two numbers in the ones place, and add that product to 240,*

*8X6=48, and*

*240+48=288 so*

*18X16=288*

*This may seems tricky at first, but it gets pretty easy if you try it a few times. Trust me…..*

*O.K., don't trust me. But just try it one more time with 15X17, and see for yourself.*

*5+7=12. 12+10=22, 22 transforms into 220,*

*5X7 =35, and*

*220+35=255.*

*So 15X17=255*

*That's all there is to it.*

## The Civil Times would like to wish the following SunCoast Members a Happy Birthday!

Christie A. Alvaro
Conrad R. Bernier
Nicholas A. Blair
Frederick M Derr
Charles Gaskill
Robert Halbach
Arnold W. Hughey
Richard Hurter
Maria E. Murdock
Terry Lamy
Robert P. Light
Lawrence D. Lippert
John C. Minder
Matthew J. Morris
Molly C. Williams
Donald J. Napoli
Russell S. Peffer
Ralph J. Rhodes
Ernest R. Rojas
Seth E. Schmid
Himat T. Solanki
Thomas M. Stovall

## 2010 ASCE PE Review Sessions by SunCoast Branch

Beginning August 3, 2010, ASCE SunCoast Branch will be offering Professional Engineering (PE) review classes for all local candidates (including non-members) of the October 2010 and April 2011 exams. All classes are FREE! The courses will be taught by highly regarded local professional engineers currently working in the field who can prepare you to take the exam by:

• Addressing the most common technical areas covered in the exam,

• Encouraging you to maintain a reasonable and effective study schedule,

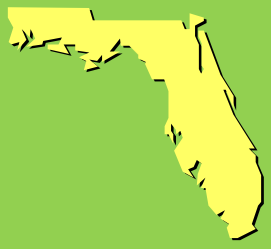
• Helping you to enhance your problem solving and strategic thinking skills,

• Performing practice problems and answering your questions during class time.

All sessions will be held at the 1001 Sarasota Center Blvd (BOB) from 6-8PM in the noted conference room. For more information or any questions please contact Amjid Hussain, PE at ahussain@scgov.net or (941) 861-0750.

The class schedule will be sent soon:

Upcoming Exam Dates: **October 29, 2010 & April 8, 2011**



## 2009-2010 Florida Section Board of Directors

President
Crystal Markley, P.E., US Army Corps of Engineers

President Elect
Peter Moore, P.E., Chen & Assoc.

Secretary/Treasurer
Dane Hanson, P.E., WilsonMiller Inc

VP District I
Eric Czerniejewski, P.E., Miller Legg

VP District II
Chad Luttrell, P.E.
Graef Anhalt Schloemer & Assoc.

VP District III
Loreen Bobo, P.E., FL Dept. of Transportation.

VP District IV
Jason Haeseler, E.I., Jones Edmunds & Assoc.

Past President
Satya Sukumar Lory, P.E., PBS&J

ASCE American Society of Civil Engineers

FLORIDA SECTION

*Thank you for your sponsorship*

Rainwater Harvesting
Water Re-use Systems

rain drops cisterns

o: (941) 525-3655
f: (941) 925-0930
www.raindropscisterns.com
7061 S. Tamiami Tr., Suite 211
Sarasota, FL 34231

"Saving water drop by drop"™

GREELEY AND HANSEN

Designing better urban environments

water
wastewater
water reuse

Tampa (813) 873-3666
Sarasota (941) 378-3579
Ft. Myers (239) 226-9660

www.greeley-hansen.com

http://branches.asce.org/suncoast/

*Special thanks to our Winter Social sponsor*

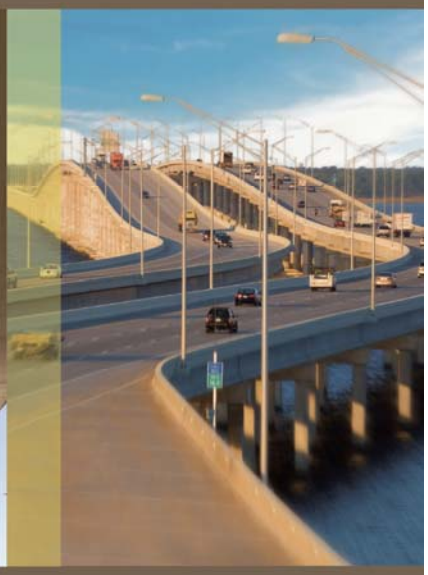
Engineering | Construction | Environmental | Architecture

PBS&J®

SERVING TODAY'S NEEDS, SHAPING TOMORROW'S WORLD

improving life for generations℠

Moving people and goods safely and efficiently – PBS&J thrives on the challenges our transportation clients offer us. We've been partnering with them to design and implement creative transportation solutions for nearly 50 years. It's our unique ability to unite function with cutting edge technology and aesthetic value that sets us apart. We're ready to go wherever the road leads …with the vision and expertise to ensure it's a smooth ride.



Offices throughout the US • pbsj.com • 800.477.7275

**2009 – 2010**
**SunCoast Branch Executive Board**
**President**
**Eric Rose, P.E.**
**Reynolds, Smith & Hills**
**1060 Knights Trail Road, Suite C**
**Nokomis, FL 34275**
**Phone: 941-256-4869 / Fax: 941-485-3946**

**Vice-President**
**Sonya Fronckowiak, P.E.**
**WilsonMiller, Inc.**
**6900 Professional Pkwy. E.**
**Sarasota, Florida 34240**
**sonyafronckowiak@wilsonmiller.com**
**(941) 907-6900**

**Secretary**
**Amjid Hussain P.E.**
**Sarasota County**
**1001 Sarasota center Blvd.**
**Sarasota, FL 34240**
**Ph: (941) 861-0750**
**Fax: (941) 861-0770**
**ahussain@scgov.net**

**Treasurer**
**Chris Stratton, EI**
**Frederick Derr Company**
**3801 North Orange Avenue**
**Sarasota, Florida 34234**
**Phone: (941) 355-8575**
**Fax: (941) 351-8854**
**Chris@frederickderrcompany.com**

**Past President**
**Adnan Javed, P.E.**
**Sarasota County**
**1001 Sarasota Center Blvd.**
**Sarasota, FL 34240**
**ajaved@scgov.net**
**(941) 861-0599**

**Webmaster**
**D. Scott McKenna, P.E.**
**WilsonMiller, Inc.**
**6900 Professional Pkwy. E.**
**Sarasota, Florida 34240**

# ASCE Lunch Meeting: July15, 2010

| Where? | Speaker | Who Needs to Know? |
|---|---|---|
| Dutch Heritage<br>3713 Bahia Vista Street | **Theresa Connor/Jack Merriam** | **RSVP:**<br>Amjid Hussain, P.E. |
| **When?**<br>11:45-12:00<br>Registration | **Company:**<br>Sarasota County Environmental Services | **Sarasota County**<br>**ahussain@scgov.net**<br>**Ph: (941) 861-0750** |
| 12:15 Speaker | **Topic of Discussion:** | **By:** Noon Wednesday, July 14th |
| **How Much?**<br>**$15.00** | **FDEP's Impaired Water Program and USEPA's Numeric Nutrient initiative** | **Honored Guests**<br>ASCE Members and Guests |

## Directions to Troyer's Dutch Heritage (3713 Bahia Vista Street)

Take I-75 South to Exit 207, Bee Ridge Road, and head west toward McIntosh Road. Turn Right onto McIntosh Road, head north to Bahia Vista Street. Turn Left onto Bahia Vista Street, and the Troyer's Dutch Heritage restaurant is at 3713 Bahia Vista Street, on the right after you cross the railroad tracks.

*Please contact Amjid Hussain if there are any questions regarding directions to Dutch Heritage*

**THE SUNCOAST BRANCH NEWSLETTER IS NOW ONLY DISTRIBUTED ELECTRONICALLY.**
**IF YOU KNOW OF A MEMBER WHO DOES NOT RECEIVE THE NEWSLETTER AND WOULD LIKE TO, PLEASE HAVE THEM CONTACT THE BRANCH SECRETARY.**

American Society of Civil Engineers
SunCoast Branch
c/o Amjid Hussain, P.E., M.ASCE
Sarasota County Public Works
1001 Sarasota Center Blvd., Sarasota, FL 34240