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Members are encouraged to submit newsworthy announcements and information for the Branch Newsletter. Submission deadline is the first of the month. Please e-mail Rey Villa, PE at newsletter@miamidade-asce.org

Sustainable Stormwater Solutions With Permeable Articulating Concrete Block (P-ACB)

PaveDrain is a performance-based, permeable articulating concrete block; P-ACB for short. The PaveDrain system incorporates a patented arch design to create an internal storage chamber that can be used as a reservoir for stormwater runoff, while simultaneously providing strength for AASHTO HS20/H20 rated heavy vehicular loads. The PaveDrain system serves many functions; it provides infiltration, storage, detention, conveyance and a paving surface all in one. Combined with a structural base of open-graded aggregate, the depth of the aggregate can be adjusted to handle any storm event quickly. In fact, when tested in accordance to the ASTM C1701/C1701-09 (Standard Test Method for Infiltration Rate of in Place Pervious Concrete), PaveDrain exceeded 4,000 inches per hour infiltration rates. Presentation Outline:

- What is PaveDrain and Why is it Different
- How is it Installed
- PaveDrain Performance & Maintenance
- What are Water Management Districts Saying
- Ft Lauderdale City Hall Test Site
- Univ. of Louisville, USEPA Testing
- UCF Stormwater Academy Testing

Speaker: Greg Strickland | Cemex
When: June 25, 2014 | 11:30 AM to 1:00 PM
Where: 94th Aero Squadron
Cost: \$5 online and \$10 at the door



ENVIRONMENTAL & WATER RESOURCES INSTITUTE
MIAMI-DADE CHAPTER



ASCE Florida Section Annual Conference

Join us for ASCE Florida Section's biggest event of the year. There will be interesting technical presentations, panel discussions from industry leaders, and great marketing/business development opportunities.

When: July 18 to 19, 2014
Where: Deauville Beach Resort; Miami Beach, FL
Register: <http://www.flasce.org>

President's Message

Dear Members and Colleagues:

Summer is soon upon us. Now is the time to register for the [Florida Section Annual Conference](#) held at the Deauville Beach Resort in Miami Beach on July 17th – 19th. You can earn all your PDHs, there will be family activities, we have a golf outing, you can network with colleagues and new acquaintances, go golfing, spend the off hours at the beach... Whether you're a member or not, all are welcome to register....and did I mention sponsorship? Event sponsors are needed!

Last month we had an outstanding presentation by Victor Ortiz, P.E. on the Port of Miami Tunnel. The new tunnel is set to open this summer with no tolling. Thanks to all who attended and earned PDH credit.



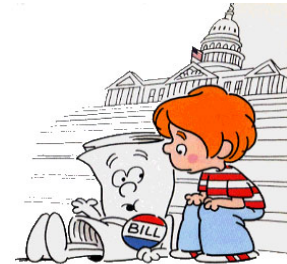
The Branch is looking for people interested in taking an active role on one of our committees, groups or technical institutes. Remember that ASCE is a success because of YOU. If interested or you have questions, please contact me directly.

Interested in an MBA? The Branch has received a special promo for the FIU MBA Program. Operated through Academic Partnerships, you can save \$10,000 on your MBA by registering at <http://apdegree.com/AmericanSocietyCivilEngineersMiamiDade>. Don't miss out on this great opportunity!

Next month election ballots will be made available to all members to vote for the 2015-2016 officers. Also available will be our annual membership survey. Please submit both the ballot and the survey. Your opinion is what steers the ship.

Engineer A Great Day!

By: Christopher A. Zavatsky, P.E., M.ASCE
President, ASCE Miami-Dade Branch
president@miamidade-asce.org



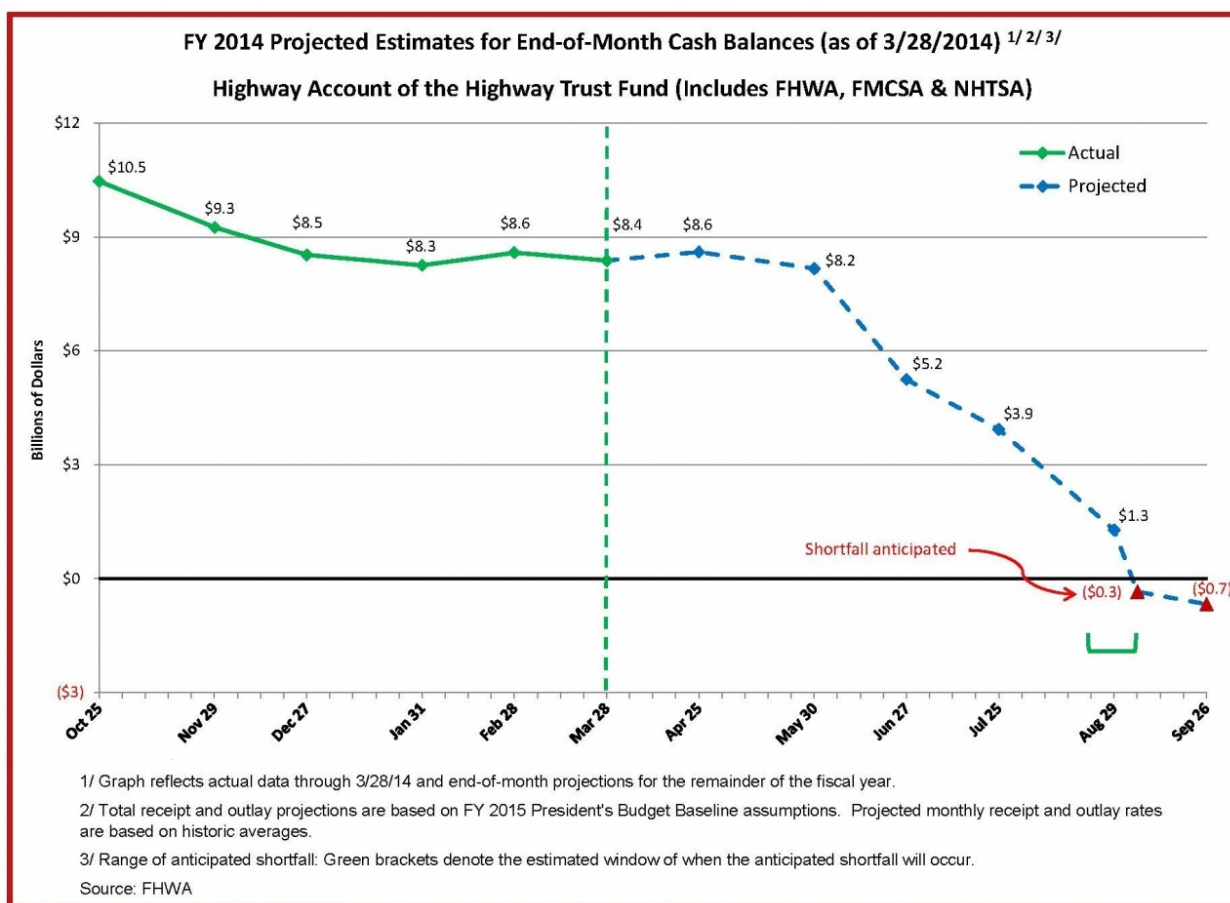
Government Relations

By: Steven A. Lubinski, P.E., M.ASCE, Chair, Government Relations Committee

Exclusive Interview with FDOT State Secretary Prasad

Depletion of the Federal Highway Trust Fund- What Could it Mean for Florida?

Miami-Dade ASCE conducted an exclusive interview on May 6, 2014 with Florida's Secretary of Transportation and head of FDOT, Ananth Prasad. The Federal Highway Trust Fund (funded by the Federal Gas Tax) provides 30% of Florida Department of Transportation's funding, but the fund is in danger of becoming insolvent in 3 months or less according to the Congressional Budget Office estimates. Capitol Hill gridlock could make insolvency a reality if they don't act (as shown in the chart below from USDOT).



MD-ASCE: Miami-Dade ASCE thanks you for this opportunity. Can you discuss the magnitude of the problem with the Federal Highway Trust Fund?

AP: As you know it's a problem. The Federal Highway Trust Fund will run out of money in July or August, so Congress will have to find a way to keep it solvent and come up with around \$9 Billion. But then the bigger picture going forward is that the receipts coming into the Federal Highway Trust Fund are actually less than the outlays are for project commitments. With all of the projects from state Departments of Transportation the current shortfall would be around \$15 Billion next year. First Congress will have to get \$9 Billion for the Federal Highway Trust Fund to be solvent for the remainder of this federal fiscal year, and then going beyond, we need to either extend MAP 21 at the current funding level plus add an additional infusion of \$15 Billion+ until a more permanent solution is arrived at by having higher revenues to support the program or reduce the program to the level of the revenue.

Government Relations (Continued...)

MD-ASCE: A big reason why the Highway Trust Fund revenues are not keeping pace with our needs is that cars have become much more efficient than 20 years ago. Are there other causes?

AP: Yes. The other issue is that the Federal Highway Gas Tax has not been raised since 1993 or indexed to inflation. When you look at the cars you drove in the mid 1990s, the car that you drive today is more fuel efficient. Also, what a dollar could buy in 1993 is not what a dollar can buy in 2014. So you have two things going against you, the first thing is the purchasing power of the gas tax which hasn't changed since 1993 (inflation), and the second is your fuel efficiency. Hence we have this crisis that is getting more acute lately because of better fuel efficiency standards.

MD-ASCE: Has FDOT received any correspondence from USDOT about the possible insolvency?

AP: No. However, USDOT Secretary Foxx has made some comments in general briefings with us during federal highway and USDOT national meetings, but no formal correspondence sent out, nor any correspondence about the possibility of slowing down reimbursements to the states. With this federal program, we have to spend money, then seek reimbursement from them (USDOT).

MD-ASCE: Has FDOT begun working on any contingency plans on what to do if the Federal Highway Trust Fund does become insolvent in July or August?

AP: Our contingency plan is that we are only dependent on federal funds to the tune of about 30% of our programs. So, unlike other states as shown in a newspaper article, we are one of the few states that do not have to rely as heavily on federal funds. So what we've been doing is carrying a higher balance in our trust fund so that if we don't get reimbursed (by the federal government) timely, then we can still continue to pay our bills to contractors. I would say that since Florida only relies on the federal government for 30%, and Florida revenues are a little robust, so we carry a higher balance in our Florida trust fund. I think we could survive an insolvent Federal Highway Trust Fund for 3-6 months without any negative impact, but beyond that you're going to have a tangible impact that you can't avoid.

MD-ASCE: What do you think will happen in Washington D.C. after July or August?

AP: Beyond July or August there is a big election coming up nationally so I'm cautiously optimistic that they will put more money in to make the fund solvent until next year, then after the fall elections are done the Congress would likely begin debating a much more robust highway bill and how to fund it. Policy frameworks are easy, but the bigger issue is how do you get funding?

MD-ASCE: Has FDOT made any plans for projects that would be protected if the Federal Highway Fund does become insolvent?

AP: Safety and preservation is first. The second thing would be public-private partnership projects. Those have to be protected. So we'll walk through the list. We have a game plan for doing this. Obviously safety and preservation, then public-private partnerships, then we'll start looking at projects that could be deferred and projects that are based on other things that are happening in a region that we don't want to negatively affect.

MD-ASCE: In South Florida we have many big projects planned during this timeframe like the 826-836 interchange, managed lanes for Palmetto and I-75, I-95 Express phase 2.

AP: 826-836 would be one of the last things affected since it is a project already under construction.

Government Relations (Continued...)

MD-ASCE: And the other examples?

AP: The reality is that is that for projects like the express lanes on the Palmetto and I-75 where construction has not begun, we may have to delay the project a few months. But we would not delay an ongoing project of that magnitude like 826-836. We would look at projects that are about to start and maybe push out the start date a little bit, and not take on new projects until the situation stabilizes. Ongoing construction projects.... I don't foresee that they would be impacted.

MD-ASCE: The USDOT site has a subaccount listed for mass transit, which projected it to remain solvent only until late 2014. How might mass transit be affected?

AP: We would have to look at prioritizing critical services, not taking on new things, and maybe scale back on some things.

"It's like if tomorrow someone said you now need to live off only 70% of your income, then you'd have to make some choices."

For the next 3 months you need to live off 70% of your income, you'd prioritize, you defer some things.

MD-ASCE: What are some things the public might notice if the federal transit account becomes insolvent?

AP: I'm sure the service levels would be affected. If you don't have the money, you can't run the same services....frequency of buses or trains, so you'd see diminished or less frequent service that you'd have to work around. Hopefully they will fix the shortfall. I think right now there is more of a focus (in Washington) on a short-term fix. I don't believe there is enough support for increasing the gas tax, so the folks in D.C. they may have to look at other options of maybe cutting things that aren't as relevant in the 21st century.

MD-ASCE: What are some other things you think Floridians should know?

AP: We need to continue investing in infrastructure. At the state level we are doing it. At the federal level their role should be proportionate with the amount of funding they provide. We need to deliver projects in a more cost-efficient way, while making sure we balance it within model impacts, historical impacts, social impacts, and economic considerations. All those things need to be balanced. If we do that, we can deliver projects in the most cost-efficient way.

MD-ASCE: What is your take on the last legislative session in Tallahassee?

AP: Our budget is robust. The legislative session just ended and the legislature just passed the budget to fund the transportation at record levels, which obviously the Governor has been very supportive of....our investment in ports, aviation, and transportation. Investments in transportation are the foundation for economic development and activity. If we are looking to attract businesses to come to the state and wanting businesses in the state to grow, they are going to ask: what's our quality of life, quality of education, and quality of infrastructure.

Student Corner



At the middle of April and right before the end of spring semester, ASCE Student Chapter members had their last meeting with 2013-2014 e-board officers and elected their new officers for 2014-2015. Dr. Azizinamini, chair of the Department of Civil and Environmental Engineering, was the special guest of chapter members at this meeting. During

the meeting, next e-board officer candidates presented their leadership background, skills, plans and strategies to achieve ASCE goals and improve technical quality and knowledge of FIU civil students. After election, the following members were elected as 2014-2015 ASCE Student Chapter e-Board Officers at FIU:



President

Camila Perez

cpere112
@fiu.edu

786-247-9503



VP of Professional Affairs

Rolando Alvarez

ralva026
@fiu.edu

786-499-9339

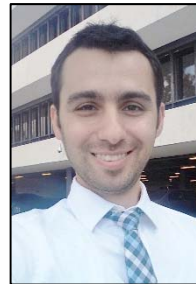


VP of Student Affairs

Ana Holmann

anakholmann
@hotmail.com

786-863-2464



Secretary

Reza Sheykhi

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@fiu.com

786-505-0020



Treasurer

Edna Pertuz

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786-287-0497

At the end of the meeting, members also expressed their gratitude for all the efforts that previous officers and members put during the last year.



April marked the closing of another productive year for UM-ASCE. New officers were elected during our last meeting where we relived the highlights of conference through our annual "PowerPoint of Shame" presentation. Additionally, we hosted our End of the Year Sponsorship Banquet catered by Shorty's Barbeque for all our members, sponsors

and alumni. This provided members with the opportunity to network with alumni and other professionals. ASCE was also in attendance of the Civil Engineering Roundtable where the progression and needs of the student chapter and members were discussed. Two of our members also attended the Board of Directors Meeting at Florida Atlantic University where they met with other student chapter leaders and shared ideas about events and fundraisers that we or other schools can incorporate into the upcoming years. The New E-board is very excited to begin their positions and plan more events for next school year!



Younger Member Group (YMG) Corner

YMG would like to wish a Happy Mother's Day to all the amazing mothers out there! We hope you had a wonderful Sunday with all your loved ones.



Thank you to everyone who attended the Port of Miami Tunnel Presentation last month. It was a very informative presentation in advance of the tunnel opening this month. Special thanks to the presenter, Mr. Victor Ortiz, P.E., for taking the time to update us on the final key elements currently under construction (MEP, ITS Components, Tunnel Roadway, etc.), and for providing an overview of the key elements of the Operating & Maintenance Oversight.

YMG is planning to host a social very soon and sponsors are needed! If your company is interested in sponsoring or you know someone who is interested please contact YMG Chair Angela Baron at ymgchair@miamidade-asce.org for more information. We will be having a donation drive for the Cystic Fibrosis Foundation at the next social so please consider donating for this great cause.



Also, we're always looking for new ideas, so if you have a suggestion, or would like to be involved, please contact YMG Chair Angela Baron at ymgchair@miamidade-asce.org.

Member Spotlight: Patrick Kaimrajh, E.I.

By: Nelson Perez-Jacome, E.I., Membership Committee Chair, ASCE Miami-Dade Branch

- **University, degree, and graduation date:**
 - University of Miami, BS in Civil Engineering, May 2010
- **Current Position:**
 - Associate Engineer at Chen Moore and Associates



What is your background in engineering and specifically civil engineering? I've been working in engineering for almost seven years, full time for over four years, all in Miami. I've had the pleasure to work on the Construction Engineering and Inspection (CEI) team with HNTB as an intern at the Miami Intermodal Center, assisting primarily with the concrete inspections crew (i.e. sampling concrete trucks and grabbing tickets at 3am for up to 1800 cubic yard concrete pours). I also interned and worked full time at Westhorp and Associates, where I gained much experience in civil and environmental engineering projects, where work included design for landfill expansion, various municipal stormwater improvement projects, and a variety of environmental sampling and monitoring projects. I'm currently with Chen Moore and Associates where I've worked on numerous public and private sector civil engineering projects, ranging from parks, higher educational developments, municipal parking garages, international mixed-use developments, residential developments across the state, local sewer rehabilitation projects, and local roadway improvement projects. With this experience, I have a strong background in land development and neighborhood improvement projects with a focus on stormwater design.

When did you join ASCE and why? I joined ASCE in 2006, my freshman year at UM because of free pizza. That will get any hungry freshman to put their name and email on a sign-in sheet. I became involved early as the people in the UM student chapter were welcoming and there was a clear opportunity to network and meet helpful folks in the industry.

Speak on your involvement with ASCE. What leadership roles have you held during your time with the ASCE? I have held several leadership positions in the UM Student Chapter as well as with the Miami-Dade Branch. At UM, I've been a Corresponding Secretary, a Vice President, a President, a Southeast Student Conference Chair and a Concrete Canoe Captain. With the local Branch, I've been the University Relations Liaison, the Younger Member Group Chair, the Mini-Golf Committee Chair, the Treasurer and I'm currently the Secretary.

How has your active participation in the organization helped you in your career? Give examples of professional and personal developments due to your involvement with ASCE. Being involved in the organization has given me numerous leadership opportunities. With my involvement, I've gained experience in many ways including setting goals, creating agendas, delegating and assigning tasks, managing budgets, and corresponding with outside parties to achieve a common goal. This experience has most certainly helped my professional and personal development.

A good example would be serving as the mini-golf committee Co-chair last year when we were able to raise about \$1,400 for the student scholarships. Also, when I helped with the 2013 Southeast Student Conference in Miami, I learned much by working with several different parties to be a small part of the local student chapters hosting the 1,000 person, \$100,000 conference.

Member Spotlight (Continued...)

How has ASCE helped your Personal life? Through ASCE I've met many colleagues whom I consider to be great friends and mentors both professionally and personally. It's hard to imagine some of the folks I've met freshman year through ASCE I still am close friends with.

In your opinion, what experience during your time with the association would best promote other engineers to join ASCE? Clearly as a student, the most special thing would be the Southeast Student Conference. As a professional, I would say any community outreach event which promotes Civil Engineering provides the best sense of pride and serves a shining beacon to promote ASCE to engineers.

What are that biggest changes you have seen with the association, for better or worse? I think we've become very active and our reach is expanding. Starting with the student chapters in 2013, our engineering community hosted the Southeast Student Conference. This year, Miami is playing host for the Florida Section Annual Meeting and a few months later in 2015, we are hosting the eastern U.S. in the multi-regional conference.

The other clear change is a surge of youthful involvement, with almost all of our board members being "younger members".

Suggestions that would promote and strengthen how the association serves its current and future members: I would suggest joining forces more often with our like-minded organizations (such as FES, CAACE, ACI, AIA, etc.) to host events serving all sectors of our industry. Also, more events involving government policy as it relates to Civil Engineering would be beneficial.

Outreach Corner

By: Jennifer Kennedy, E.I., Outreach Committee Chair, ASCE Miami-Dade Branch:

An outreach database has been created using survey monkey. This database will be used to collect information of members who want to volunteer at Branch outreach events such as Engineering Encounters Bridge Design Contest, school presentations, collection drives, etc. The database will allow us (the Branch) to target specific members for outreach events based on their volunteering interests. Please share the below link with members, and sign-up for the database yourself. There are only four questions to answer.

Outreach database link: <https://www.surveymonkey.com/s/YM8BS6X>

Upcoming Events

June: 25 – EWRI Meeting
TBD – YMG Social Event

July: 17 to 19 – ASCE Florida Section Annual Meeting

Event Dates are subject to change, and more events may be added to the schedule. For more information on ASCE events, please visit <http://www.miamidade-asce.org/upcomingevents>.



Affordable Higher Education Available to ASCE Miami-Dade Branch Members

At the American Society of Civil Engineers - Miami-Dade Branch, we value continuous learning and look for opportunities to help our members grow both professionally and personally. That's why we are pleased to offer you access to the **MBA** online degree program from Florida International University at a preferred tuition rate. Please visit <http://apdegree.com/AmericanSocietyCivilEngineersMiamiDade> for more details or to apply online.

- Affordable state university tuition
- Accelerated path to degree completion
- Online classes allow you to learn anytime, anywhere

We are excited to make this outstanding professional development opportunity available to our members and hope you are able to take advantage of it.



Business

FLORIDA INTERNATIONAL UNIVERSITY

Job Openings

Civil and Drainage Engineers – BCC Engineering, Inc. in Miami, FL

We are currently seeking **Civil and Drainage Engineers** with 5 to 10 years of Florida drainage and civil design experience (water and sewer, pumping and piping systems, paving/grading, etc.) for our growing Miami, FL office. Responsibilities will include assisting in developing the design components of infrastructure and transportation projects for public and private sector clients. Experience with FDOT, Miami-Dade/Broward County, MD-WASD/Broward WWED and local municipalities preferred.

Qualifications:

- Accredited Bachelor's Degree in Civil, Environmental, Water Resources or related discipline.
- Engineering Intern (EI) required, Professional Engineer (PE) preferred.
- Experience with MicroStation or AutoCAD.
- Demonstrated technical writing and communication skills.

BCC Engineering encourages all our new hires to bring problem-solving capabilities, ambition, and drive to our Team. We will provide opportunities for enthusiastic individuals to reach their full potential as a reliable member of our Team. Candidates should command good verbal and written communication skills and desire to improve their technical capabilities. We offer a competitive salary and benefits as well as excellent growth prospects. For further information, please contact Carissa Dominguez, Human Resources at cdominguez@bcceng.com

Senior Drainage Engineer - Jacobs Engineering Group, Inc.

Primary Job Responsibilities:

- Lead team for drainage design and coordination with other disciplines. Experience in transportation projects including limited access facilities.
- Monitors and reports on progress and quality of drainage effort against schedule and budget.
- Coordinates project assignments with those of other engineers and technicians on a multi-discipline team.
- Provides technical guidance and oversight to less experienced personnel.
- Maintains effective communications with project team members and with the client.
- Attends project meetings and design review meetings, and interacts with clients/contractors.

Training and Experience:


Position requires a minimum of 10 years of experience required, BS in an engineering discipline, PE registration highly desirable; FDOT experience with drainage emphasis vital

To see full job postings, please visit <http://www.miamidade-asce.org/job-postings>.

Do you have a job opening?

The Miami-Dade Branch of ASCE currently posts job openings free of charge for 30 days in the Branch newsletter and webpage. After 30 days you may re-post if the vacancy has not been filled. The job must be in civil engineering or a closely related field. Please contact Rey Villa or Raul Dominguez at communications@miamidade-asce.org for more information.


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We Are Looking for Sponsors!

Each month we send our newsletter to hundreds of Engineers located in South Florida. We are currently seeking sponsors for our monthly newsletter. The sponsorship rates are as follows:

- ❖ Full Page - \$100 per month or \$600 for twelve months
- ❖ Half Page - \$75 per month or \$400 for twelve months
- ❖ Business Card - \$25 per month or \$120 for twelve months

If you are interested, please e-mail communications@miamidade-asce.org.

2014

**JULY
18 - 19**

ASCE
FLORIDA SECTION

**ANNUAL CONFERENCE
SAVE THE DATE**



JULY 18 - 19

**DEAUVILLE
BEACH RESORT**

MIAMI BEACH

REASONS TO ATTEND

- Beach front resort
- Panel discussions from industry leaders
- Market/business development

WHO'S COMING

- Engineers
- Contractors
- Public Officials
- Architects
- Concessionaires

Not attending Laws & Rules on Saturday?

Bring your golf clubs and let's hit the course. The ASCE Miami-Dade Branch is hosting a golf outing at Normandy Shores Golf Course on Miami Beach.

Register as a foursome or individual and each person will receive one round of golf, lunch, two drink tickets, and a guayabera shirt.

Hole Sponsors Needed!

Visit www.fla-asce.org for details.

REGISTRATION

- Visit www.fla-asce.org for fast and secure registration.

Engineering Florida Today for the Vision of Tomorrow

www.fla-asce.org

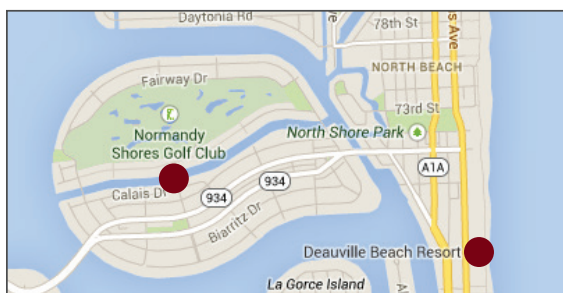


ASCE Golf Outing

FLORIDA SECTION

Where:

Normandy Shores Golf Club
2401 Biarritz Drive • Miami Beach, Florida 33141



When:

Saturday, July 19, 2014 (during Laws & Rules)
7:30am – 8am: Check-In / Registration
8am – 8:30am: Warm-up at the range
8:30am – 12:30pm: Golf
12:30pm – 2pm: Lunch & Awards/Sponsor Recognition
Don't be late!

What:

- 18-holes of golf in Miami Beach
- 1 ASCE Florida Section Guayabera*
- Fun with Friends
- Lunch
- 2 drink tickets

Awards/Prizes: Best Team Score, Closest to Pin, Longest Drive, Best Dressed, Twosome Gift Certificate, and much more!

Sponsorship Levels:

Event Sponsor - \$1,000

- Recognition on Sponsorship Board at check-in, during lunch and awards
- 1 foursome
- 4 guayaberas (each per your designated size*)
- 8 drink tickets
- Sponsorship Plaque

Hole Sponsor - \$150

- Company recognition on one golf hole

Foursome - \$650

- Company recognition on the hole of your choice
- 1 foursome
- 4 guayaberas (each per your designated size*)
- 8 drink tickets
- Sponsorship Plaque

Individual - \$125

- Individuals grouped into foursomes or individual play
- 2 drink tickets

Sponsorship Level: _____

Name/Shirt Size: _____

Name/Shirt Size: _____

Name/Shirt Size: _____

Name/Shirt Size: _____

Sponsorship Level: _____

Name/Shirt Size: _____

Name/Shirt Size: _____

Name/Shirt Size: _____

Name/Shirt Size: _____

* Included for Event Sponsors and Foursomes **registered by Friday, June 27th.**
(Guayaberas will be available at an individual price of \$50 at the event and shipped to your address.)

To register, email this form to judy@fla-asce.org or go online to www.fl-a-asce.org.

Please make checks payable to ASCE Florida Section.

Any questions? Contact Chris Zavatsky, PE at (502) 445-4728 | czavatsky@bcceng.com



Engineering Florida Today for the Vision of Tomorrow

The 2014 Annual Conference of the Florida Section ASCE

July 17-19, 2014

Deauville Beach Resort, Miami Beach

Tentative Schedule of Events

Thursday, July 17, 2014

ASCE's PR University - tentative

Quarterly Meeting of the Florida Section ASCE Board of Directors

Costume Party/Icebreaker Event – Groovy 1960s theme

Friday, July 18, 2014

- Exhibits Open
- West Point Bridge Design Competition – middle and high school students
- Luncheon to present the annual Florida Section Awards, West Point Bridge Awards, Installation of new Senior Officers by ASCE President-Elect Bob Stevens, and keynote speaker
- Cocktails & Networking
- Panel Discussions:
 - Sea-Level Rise
 - Design/Build
 - Panama Canal and Its Effects on Florida
 - The Changing Utility Base in Florida

Technical Sessions:

- Southernmost Pipeline Management & Condition Assessment Program – Florida Keys Aqueduct Authority – presented by Alan Bair, PE, Pure Technologies US, Inc. and Tom Morgan, Assistant Manager of Operations, Florida Keys Aqueduct Authority
- Using Project Management Tools Effectively – presented by Dana Gillette, PE, Erdman Anthony
- Mass Soil Mixing and Stone Column Ground Improvements for a Sloped Taxiway and Runway Expansion – presented by Ed Harbin, Ph.D., Hayward Baker
- Rehabilitation of the Herbert Hoover Dike – presented by Crystal Markley, PE, US Army Corps of Engineers, and Ingrid Bon, PE, Project Manager (Forward), US Army Corps of Engineers
- Code Requirements for Evaluation, Repair and Rehabilitation of Concrete Buildings – ACI 562-13 Recent Publication – presented by Antonio Nanni,

Ph.D., PE, Lester and Gwen Fisher Endowed Scholar, Professor and Chair,
Department of Civil, Architectural and Environmental Engineering, University of
Miami

- **A Geotechnical Perspective of the Port of Miami Tunnel Project** – presented by Rafael M. Pina, PE, Langan Engineering & Environmental Services
- **Watershed Based Stormwater Management Design – Case Studies and Regulatory Challenges** – presented by Millard Yoder, PE, Stantec Consulting Services, Inc. and Melanie Smith, PE, Stantec Consulting Services, Inc.

Saturday, July 19, 2014

- Laws & Rules
- Golf Outing at Normandy Shores Golf Club

Registration Form

Name			
Company			
Billing Address		Suite number	
City	State	Zip Code	
Telephone number		Email Address	

Email Address

Registration Options - **Early rates expire on May 1, 2014**

- ☐ **Full Registration:** includes all technical sessions on Friday; one ticket to the Awards Luncheon/Installation Banquet, all meals, entry to Cocktails/Networking Friday evening, Laws & Rules on Saturday. Full Registration – Early Member Rate: \$325/Regular Rate: \$350. Non-Member Regular Rate: \$400.
- ☐ **Friday Only Registration** includes all technical sessions on Friday, July 12, 2013; one ticket to the Awards Luncheon/Installation Banquet, all meals on Friday and entry to Cocktails/Networking Friday evening. Member Rate: \$350/Non-Member Rate: \$375
- ☐ **Laws & Rules only** includes Breakfast on Saturday, July 13, 2012 and the Laws & Rules seminar. Member Rate: \$200/Non-Member Rate: \$235
- ☐ **Additional Lunch Tickets** for Awards Banquet on Friday, July 18, 2014 are \$125. Number of Tickets: _____
- ☐ **Spouse Registration** – includes all meals - \$250
- ☐ **Order of the Engineer** - \$15 – this is an additional fee to the registration cost
- ☐ **YMG/Student Member Pub Crawl** - \$25 – this is an additional fee to the registration cost. Transportation included!
- ☐ **Student Registration - \$100**

Please note that registration does **NOT** include hotel stay. Call (305) 779-5360 or (800) 327-6656 or visit www.deauvillebeachresort.com. Group Code is civileng.

Payment Information

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Cancellations: Request for cancellation must be received in writing before 5pm June 21, 2013. Refunds will be issued less a \$75 cancellation fee. **No refunds will be issued for cancellations after this date.**

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ASCE's mission is to provide essential value to our members, their careers, our partners and the public by developing leadership, advancing technology, advocating lifelong learning and promoting the profession.

WEB SITE:

Please visit our web site at www.miamidade-asce.org to see a list of our branch sponsors, a copy of the latest newsletter, current officers and photos from recent events. The Florida Section website is www.flasce.org, which provides the latest information happening at the State level. The national ASCE website is www.asce.org.

CONTACT INFORMATION:

Please update your contact information in the ASCE database if you have not done so in the past year. Many of our members are not receiving the newsletter and any other important information due to old contact information.

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