



Spring 2025

#### **President's Note**



From Left to Right:

Elias Guevara, PE ASCE Broward Branch President Dr. Feniosky Peña-Mora, PE ASCE Society President Miguel Lockward, PE ASCE Miami-Dade Branch Past-President Erik M. Alcantara, PE ASCE Miami-Dade Branch President

Dear ASCE Broward Members,

As we wrap up a vibrant and productive spring season, I want to take a moment to reflect on the incredible momentum we've built together. From our "Engineer-4-A-Day" initiative to inspire future engineers, to our "Career Cocktails" advising our incoming engineers, and the energy of our 2nd Annual Scholarship Golf Tournament, this season has been a testament spirit of our civil engineering community.

Each event—whether technical, educational, or social-has showcased the dedication of our members and the impact we can make when we collaborate. I'm especially proud of the turnout and enthusiasm at the Tri-County Workshop, which underscored our shared commitment to professional growth and unity with our sister Miami-Dade and Palm Beach Branches.

As we look ahead to summer, I encourage you to stay engaged. Whether it's through attending events or mentoring the next generation, your involvement is what makes our Branch thrive.

Thank you for your continued support and for making this spring one to remember.

Warm Regards, Elias Guevara, P.E.





# QUARTERLY Newsletter Spring 2025

# **Upcoming Events**

June 19, 2025

July 9-11, 2025 August 3, 2025

**Prospect Lake Clean Water Construction Tour** (2-PDH event) **ASCE Florida Section Annual Conference Annual Bowl-A-Thon** 

\*Please follow our social media pages for more information on upcoming events

### Join Us!

#### **Prospect Lake Clean Water Center Construction Tour**

Join us June 19th for a guided tour of the City of Fort Lauderdale's new water treatment plant— The Prospect Lake Clean Water Center!

The brand new plant will deliver 50 MGD using advanced nanofiltration and ion exchange technology.

This 2-hour PDH event includes a presentation with light refreshments and a tour of the active construction site.

Click here for more information!







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### **Highlights from Past Events**



#### **April Lunch and Learn**

On April 17th, H2R Engineering delivered a presentation on "Innovative Quality Control of the C-44 Reservoir Toe Trench Drain via CPT Soundings." Presented by Yves-Stanley Delmas, PE, David Rancman, PE, and Thai Nguyen, PhD, PE, the session explored the toe trench drain design, cone penetration testing (CPT) methodology, and the correlation between CPT results and dry density. The presentation provided valuable insights into geotechnical innovation and the resulting reduction of costs and construction time.

The luncheon was held at UF Research & Education Center in Davie. Over 40 members were in attendance.

#### 2nd Annual Scholarship Golf Tournament

The 2<sup>nd</sup> Annual ASCE/FES Scholarship Golf Tournament, held on May 9<sup>th</sup> at the beautiful Plantation Preserve Golf Course, was a tremendous success! With a strong turnout of players, sponsors, and supporters from across the engineering and local business communities, this year's tournament raised over \$8,000 in scholarship funds. Participants enjoyed a day of friendly competition, great weather, and a shared commitment to investing in the future of engineering. Proceeds from the event will go directly toward scholarships for aspiring engineering students, helping to ease the financial burden and encourage academic success in STEM fields.

A big thank you to all our sponsors, volunteers, and attendees who made the day possible!





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# **Highlights from Past Events**

2nd Annual Scholarship Golf Tournament (cont.)







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## **Highlights from Past Events**

#### **Engineer for a Day**

On April 23<sup>rd</sup>, the ASCE Broward Branch hosted the 8th Annual Engineer for a Day program. This event is a full-day field trip, which gave Broward County Public high-schools an opportunity to learn about civil engineering. Students were transported by school bus to two locations. In the morning, they visited FDOT offices in Fort Lauderdale. The morning session included presentations from several speakers and practical information about what a civil engineer does. After morning activities concluded, the students were transported by school bus to a pre-selected engineering facility to learn first-hand about a day in the life of an engineer. Students saw how water or wastewater treatment plants operated or navigated an active vertical construction site to see how all design disciplines need to coordinate. Ultimately, the goal is to inspire and encourage these high school students to pursue a rewarding and impactful career in civil engineering!



#### **Biennial Tri-County Workshop**

The 2025 Biennial Tri-County Workshop, held at Nova Southeastern University on May 22<sup>nd</sup>, offered attendees a fullday opportunity to learn about ongoing initiatives and local engineering projects shaping our region. Members of the ASCE Miami-Dade, Broward and Palm Beach Branches were able to obtain workshop speakers ranging from City of Miami, Miami -Dade County, City of Hollywood, Broward County Public Works Highway Division, City of West Palm Beach and South Florida Water Management District. 15 companies sponsored the workshop and over 130 attendees participated.





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### **Highlights from Past Events**

#### YMG Career Cocktails 2.0

On June 5th, the Younger Members Group hosted our second Career Cocktails at Funky Buddha Brewery. Attendees heard from a distinguished panel of industry leaders representing local South Florida companies employing over a 1000 South Florida residents and engineers combined. The panel included Jenna Martinetti, PE (Director of Engineering, Calvin, Giordano and Associates, Inc.), Alex Lazowick, PE (President, KEITH), Kaly Queiroz, PE (Vice President of Aviation, EAC Consulting, Inc.), Daniel Davila, PE (Director of Water and Sewer, Chen Moore and Associates, Inc.), and Jim Thompson, PE (President, Thompson and Associates, Inc.). The panel addressed key topics such as work-life balance and strategies professional advancement. Approximately professionals attended the event, which concluded with additional time for networking allowing for meaningful connections and continued discussion.



#### **Get Involved!**



#### **Open Chair Positions**

Want to make a bigger impact with ASCE Broward Branch? We're looking for passionate individuals to step into open chair positions! If you're ready to get involved send more browardasce@outlook.com to find out more!



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# Thank you to our Annual Sponsors!







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#### Have any ideas or suggestions for future presentations?

We're always looking for presenters and ideas! If you're interested in presenting at an ASCE Broward Branch meeting or have suggestions, please contact us at broward.asce@gmail.com.

All photos from our past events will be posted to our website and can be accessed at broward-asce.org/photos

Thank you for your continued support!



Follow us on Social Media!

Luncheon presentations and PDH Certificates are available for download on our website and can be accessed by scanning the QR code below.

> Events and Presentations

