

2021 - 2022 Branch Board

President

James Heeren, PE, ENV SP
Dewberry
(973) 576-0149
jheeren@dewberry.com

President-Elect

Christopher Hanna, PE
Pennoni Associates Inc.
jerseyengineer@gmail.com

Vice President

Carlos Lopez, PE
Michael Baker International
(973) 776-7423
carlos.lopez@mbakerintl.com

Secretary

Silvia Santos, PE
Hunter Roberts Construction Group
secretary@ascenj.org

Treasurer

Katherine Loiselle, PE
Dewberry
(973) 780-1983
kloiselle@dewberry.com

First Past President

Steve Alpert, PE
HNTB Corporation
(973) 434-3153
salpert@hntb.com

Second Past President

Laura Hazen, PE
HNTB Corporation
(973) 434-3120
lhazen@hntb.com

Branch Director

John Withers, PE, PP
Stantec
john.withers@stantec.com

Branch Director

Leslie Brunell, Ph.D., PE
Stevens Institute of Technology
(201) 216-5337
lbrunell@stevens.edu

YMG President

Juan Alfonso, PE
HNTB Corporation
(973) 434-3194
jualfonso@hntb.com

A Message from the President

Fellow North Jersey Branch Members,

Summer is upon us, and it is time for my final message as President of ASCE-NJB. We have completed our first hybrid year of events. We have continued to offer virtual technical seminars, and re-introduced in-person technical dinners, including the awards dinner. Attendance has been variable, but overall I am very pleased with the offerings we have provided over the past year. Even our monthly board meetings have had a mixture of in-person and virtual participation. As we look forward to next year we hope to continue a mixture of in-person and virtual events, and anticipate trying out an alternate venue for some events. My goal for this year was to strike a balance between both virtual and in-person events, and we achieved that. Remember that in addition to our technical offerings, your ASCE national membership also comes with 10 free PDHs.

We also look forward to the return of the Branch softball tournament in September. Who will snag the trophy for 2022?

Thank you to all who participated in the Board Elections. Christopher Hanna will assume the Presidency, and Carlos Lopez will be President-Elect. We welcome the Allison Riley as Vice President, and are happy to have Katherine Loiselle and Silvia Santos returning as Treasurer and Secretary. John Withers returns Branch Director, and longtime board member Laura Hazen will be the second Branch Director. Although Leslie Brunell will not longer be a Director, we have plans to keep her involved with the Board.

Thank you all who participated in the national ASCE elections as well. Maria Lehman will succeed Dennis Truax as President, while Marsia Geldert-Murphy was voted to be President-Elect.

I had the opportunity to attend the ASCE Region 1 Assembly recently in Hartford to learn from the other sections and branches in the northeast. Approximately 10% of nearly 20,000 ASCE members in Region 1 are here within the North Jersey Branch. In 2018, you may recall that ASCE promoted the documentary DREAM BIG which celebrated the human ingenuity behind engineering marvels big and small, and shows how engineers push the limits of innovation in unexpected and amazing ways. DREAM BIG is still available to stream. ASCE's Future World Vision initiative is now developing a new documentary which will feature Mega City 2070. Future World Vision has identified six key trends that will be critical to future infrastructure: alternative energy, autonomous vehicles, climate change, smart cities, advanced materials, and policy and funding. The future of civil engineering will guide us toward a safer, healthier, and more sustainable world. Check out www.futureworldvision.org for the latest.

Enjoy the summer,

James D. Heeren, PE, ENV SP, M.ASCE
jheeren@dewberry.com | 973-576-0149



REMEMBER TO VISIT
www.ascenj.org

Active & Updated
Calendar with live links
for event registration

Become a Sponsor

Photo Galleries

Job Postings

Follow us on LinkedIn

Upcoming Branch Events

SOFTBALL TOURNAMENT

We are getting closer to the 27th Annual ASCE Softball Tournament. This year's event will be held on September 10th at Brookdale Park – Montclair, NJ and the entry fee is \$500 per team - all proceeds go towards ASCE scholarships.

Please send an e-mail to Secretary@ascenj.org expressing interest and send in your check to guarantee a spot. Spots are limited!

All check information and where it should be sent can be found below. Should you have any further questions please feel free to email Silvia Santos at Secretary@ascenj.org

Check made out to:

ASCE North Jersey Branch
Attn: Katherine Loiselle
c/o Dewberry
200 Broadacres Drive, Suite 410
Bloomfield, NJ 07003-3177



ANNUAL AWARDS DINNER

SAVE THE DATE!

Join us in person on Thursday October 6th for the Annual Awards Dinner and Ceremony.

This year we are hosting the Awards Dinner at the Sheraton Parsippany Hotel.

Past Branch Events

WETG Virtual Seminar - Sustainable Infrastructure and the Role of Envision

On April 7, 2022, the NJB Water Resources and Environmental Technical Group presented a virtual seminar about "Sustainable Infrastructure and the Role of Envision". Anthony Kane, ENV SP, Executive Director of the Institute for Sustainable Infrastructure (ISI), and, Kristi Wamstad, ENV SP, LEED AP, Verification Director of ISI, presented to nearly 40 attendees about the Envision Sustainability Rating System administered by the Institute. ISI was created as a collaboration between ASCE, ACEC (American Council of Engineering Companies), and APWA (American Public Works Association). Envision is a holistic sustainability framework and rating system that enables a thorough examination of the sustainability and resiliency of all types of infrastructure. An introduction to Envision's origins, organization, and underlying concepts as well as the benefits of using Envision and its current application in the industry were discussed.

SEI Half-Day Spring Structural Seminar

On Thursday afternoon, April 28, 2022, the North Jersey Chapter of the Structural Engineering Institute presented a Half-Day Spring Structural Seminar at the DoubleTree in Fairfield. Three presentations were offered to over 20 participants. The Rumson Road Bascule Span Design was presented by David Gerber, PE, Principal Associate and Senior Structural Engineer, and Samuel Diaz-Almonte, PE, Senior Associate and Senior Structural Engineer both with Hardesty & Hanover. The Pulaski Skyway Rocker Bent Investigation Project was presented by Joseph Strafacci, PhD, PE, Project Engineer, Structural Services, Gregory Romano, PE, Project Manager, and Xin Li, PhD, PE, Project Engineer all from HNTB Corporation. Finally, the Evaluation of Monmouth County Bridge S-31 on (CR8A Bingham Avenue) over the Navesink River in Rumson/Middletown was also presented by Joseph Strafacci, PhD, PE, Project Engineer, Structural Services, with HNTB Corporation.



UESI Technical Dinner Seminar - Creating and Integrating Built and Natural Data Environments

On Thursday, May 19, 2022, the New Jersey Chapter of the Utility Engineering and Surveying Institute held an intimate technical dinner seminar at the DoubleTree about “Creating and Integrating Built and Natural Data Environments”. Alan Leidner, consultant to UMSI, the Open Geospatial Consortium, and NYU Unified Underground Resilience Measures (UNUM) Project, discussed the history of GIS in New York City and the importance of NYC’s Enterprise GIS to the responses to the 9/11 attack, and to Hurricane Sandy. He reported on efforts to combine utility and CADD layers with GIS layers to provide a complete picture of the damage and to support rescue, recovery, and rebuilding efforts.

Based on UESI’s understanding about the importance of underground infrastructure information, Alan discussed the development of an underground data model named MUDDI (Model for Underground Data Definition and Integration), initiated by the Open Geospatial Consortium and the Fund for the City of New York. Mentioned were the ground breaking efforts of Flanders, Belgium, and the importance of ASCE 38/75 and DIGGS as foundational standards. UESI is on the cusp of being able to share data across disciplines including GIS, SUE, CAD, AM/FM, BIM, Digital Twins, and DIGGS/Geology. The presentation outlined the NYU Unified Underground Resilience Measures (UNUM) effort, initiated with the help of the NYC Geospatial Information Systems and Mapping Organization (NYC GISMO).



Younger Member Group (YMG) Roundup

YMG Board 2021-2022

President
Juan Alfonso, PE
jualfonso@hntb.com

President-Elect
Andres Gomez-Ortiz, PE
agomez@essexcountynj.org

Vice President
Kristopher Reidy
kreidy@hntb.com

Treasurer
Parth Rana
prana@hntb.com

Secretary
Emanuel Rodriguez
Emanuel.Rodriguez@mbakerintl.com

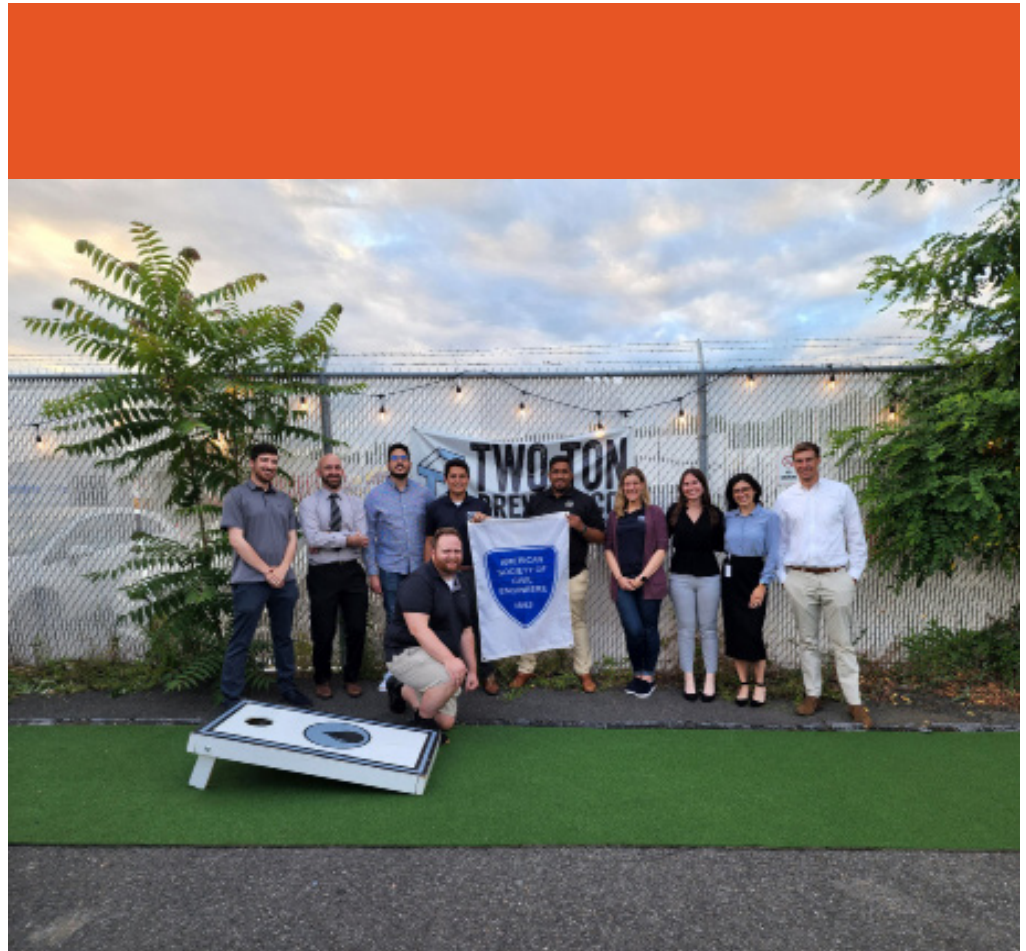
Social Media

Website
www.ascenj.org

LinkedIn
<https://www.linkedin.com/company/ascen-north-jersey-branch/>

Instagram
@ascenjbymg
<https://www.instagram.com/ascenjbymg>

Facebook
<https://www.facebook.com/ascenjbymg>



Younger members got together at Two Ton Brewery in Kenilworth, NJ on June 23, 2022.

Past YMG Events

Career Carnival for Kids, K-12 Outreach - May 7, 2022 (Rockaway, NJ)

North Jersey YMG Members Juan Alfonso, Parth Rana, and Muhammad Akhtar volunteered with the Career Carnival for Kids at the Rockaway Townsquare Mall. They had the opportunity to educate children about aspects of civil engineering such as roadway design and using drones for bridge inspection. Special thank you to the ASCE North Jersey Branch for sponsoring this event and to Michelle Hollander and her team for planning and executing another successful Career Carnival for Kids event!



STEM Presentation at Primoris Academy - May 20, 2022 (Westwood, NJ)

On Friday, May 20, Joshua Liviapoma and Jakob Guido represented both HNTB and ASCE North Jersey Branch Younger Member Group, at Primoris Academy in Westwood, NJ. They had the opportunity to present to 4th-8th grade accelerated learning students all about Civil Engineering. Topics covered were the different branches of civil engineering, how to become a civil engineer, the design process, and much more. The presentation was followed by a Q&A where Josh and Jake were able to answer the many questions that were asked by the students regarding the details of what life is like as a civil engineer and the magnitude of projects we have worked on. Overall, students and the school as a whole seemed very pleased with the presentation and expressed their gratitude.



Branch Brook Park Cleanup - June 4, 2022

On the morning of June 4, the YMG and North Jersey Branch teamed up with Jersey Cares to volunteer at Branch Brook Park. The group helped clean areas of the park and removed diseased/invasive plants and replanted new ones. It was a great volunteer opportunity to spend time in Newark and beautify the park. We hope to continue to provide opportunities like this for community enhancement in the fall and beyond.



2022 Eastern Region Younger Member Council (ERYMC) - June 10-12, 2022

This year, the Eastern Region Younger Member Council (ERYMC) was held in Hartford, CT. Representing North Jersey Branch YMG were Juan Alfonso, Parth Rana, Elizabeth DeCarlo, Emanuel Rodriguez, and Joshua Liviapoma. During this council, which was held from June 10-12, the group engaged in presentations and interactive activities that related to personal vision, strategic networking, presentation skills, time management, social skills, as well as organization strategies. In addition, the group attended evening social events, where they were able to interact with members of other younger member groups throughout the eastern region. NJB's YMG members were able to share past events, lessons learned, and ways the YMG has been involved in both the civil engineering industry and local community. In addition, they were able to learn from the event, and bring back great ideas to further develop the North Jersey Branch. A huge thank you to Katie Klose and Jodi Constant, the ERYMC Planning Committee co-hosts, along with all the presenters and planners involved, as well as Connecticut YMG for hosting a great council!



NJIT Student & Alumni Awards

For the first time in two years, NJIT's John A. Reif Jr., Dept. of Civil & Environmental Engineering awards ceremony took place on May 17th, 2022.

Silvia Santos received the Distinguished Young Alumni Award for exceptional achievements in career, public service, and volunteer activities.

Also, Andres Gomez-Ortiz, Brad Summerville, and Christopher Hanna presented the Distinguished Student Chapter Award for Region 1 to NJIT students. They were selected out of a group of 50 plus student chapters from New Jersey to New England, as well as from Eastern Canada.



ASCE NJ Section Awards

On May 26, 2022 at Forsgate Country Club in Monroe, NJ the 54th annual New Jersey Section Awards Dinner was held. Due to Covid precautions, this was the first annual awards dinner held in three years. The NJ Section Board recognized the last three years of awardees. Among the awardees were local winners, such as Carlos Lopez of Michael Baker receiving the 2022 Young Engineer of the Year and James Boudreau from Dewberry receiving the 2021 Young Engineer of the Year Awards.

The full list of awardees can be seen on the NJ section website [ASCENewJerseySection.org](https://www.asce.org/new-jersey-section)

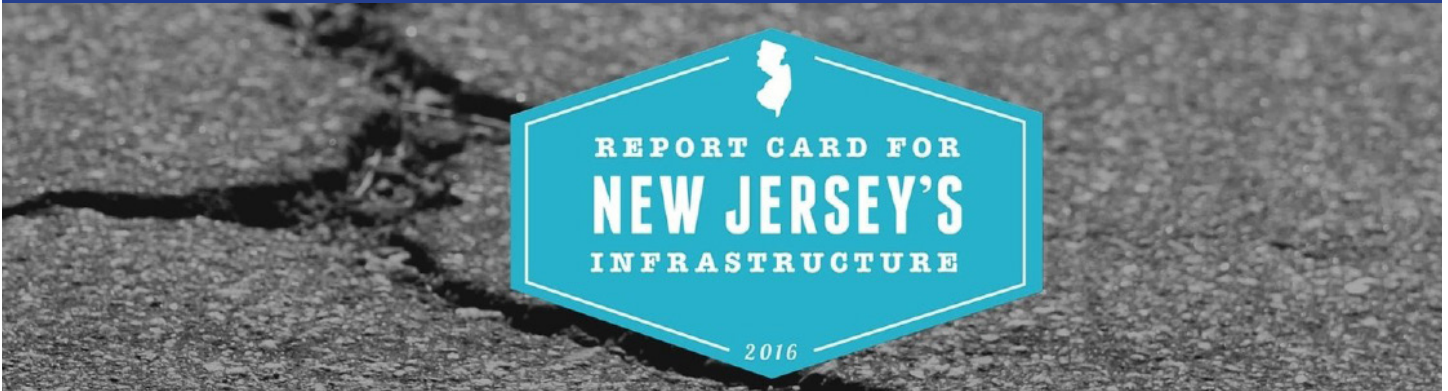


2022 Awardees



North Jersey Branch attendees

Volunteer Opportunities



NJ State Report Card

The ASCE New Jersey Section is looking for volunteers to get involved in researching, promoting, and preparing the next NJ Infrastructure Report Card. Please contact Christopher Hanna for more information or if you are interested in participating: jerseyengineer@gmail.com.

Branch Award Nominations

Branch Award Nominations

Shine the spotlight on your colleagues and peers by nominating them for the recognition they deserve. ASCE North Jersey Branch is seeking nominations for its Annual Awards, including:

- Project of the Year
- Young Civil Engineer of the Year
- Excellence in Journalism
- Civil Engineer of the Year
- Government Engineer of the Year
- Educator of the Year
- Service to the People

The nomination form is available on our website.

Awards will be presented at the Annual Awards Dinner, scheduled for Thursday, October 6, 2022.

To fill out a nomination form, please click this link:

www.ascenjb.org/nominationform

Dr. Sophia Hassiotis Memorial Scholarship

In memory of Sophia, Stevens Institute of Technology wishes to announce the establishment of the Dr. Sophia Hassiotis Memorial Scholarship! The goal of this scholarship will be to support students studying civil engineering in a concentration of structural design.

Please follow the instructions below to donate through our champion link:

1. Start by clicking this link: <https://give.communityfunded.com/r/oshLzKIJF>
2. Select the "Give Now" button
3. Choose of enter an amount
4. Select "Give Now"
5. You will be redirected to a secure payment page to fill in your information
6. In the "If other" field please write in "Dr. Sophia Hassiotis Memorial Scholarship Fund"

Reach out to the Stevens Alumni Office with any questions.

2021-2022 ASCE North Jersey Branch Sponsors

There's always room for more sponsors. Have your company's name and logo displayed at events and in newsletters. Contact James Heeren at president@ascenj.org if you want to be a Branch Sponsor.



Dewberry®

HNTB

Michael Baker

I N T E R N A T I O N A L

EXPAND YOUR REACH

NJB Newsletters go out to
over 2,000 members!



Contact James Heeren
president@ascenj.org
for more details on becoming a
newsletter sponsor for the year:
September 2022 - September 2023

Or visit [www.ascenj.org/
sponsorship](http://www.ascenj.org/sponsorship)