

VIRTUAL MEETING PROTOCOL

TO ASK A QUESTION:
PLEASE "RAISE HAND" OR TYPE INTO CHAT FEATURE
A FINAL PDF OF THE PRESENTATION WILL BE ISSUED





AGENDA

- 1. Meet & Greet
- 2. Nominations & Elections
- 3. Recap of 2020 2021
- 4. Planning for 2021 2022
- 5. Wrap-up

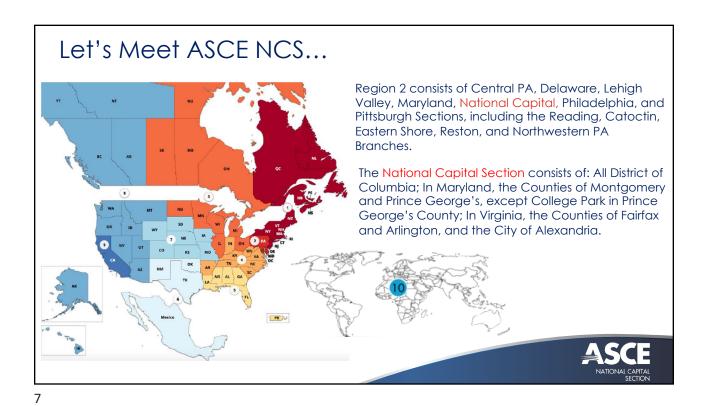


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MEET & GREET

PART 1 OF 5





Board of Directors (2020 – 2021)		
President	Mike Venezia	
Vice President	Jameelah Ingram	
Treasurer	Victor Crawford	
Secretary	Norine Walker	
Past President	Kelly Cronin	
Previous Past President	Emily Dean	
Newsletter Editor	Maria Raggousis	
YMF President	Ariana White	
Director (Term 2019-2021)	Elizabeth Wheeler	
Director (Term 2019-2021)	Tricia Wolfbauer	
Director (Term 2019-2021)	Lisa Anderson	
Director (Term 2020-2022)	Joe Whartenby Jr.	
Reston Branch President	Shainur Ahsan	

ASCE
NATIONAL CAPITAL

V				
Younger Member F	Younger Member Forum (2020 – 2021)			
YMF President	Ariana White			
YMF Vice President	Amanda Frosztega			
YMF Secretary	Kush Vashee			
YMF Social	Tara Luongo			
YMF Co-Communications	Todd Allen-Gifford			
YMF Co-Communications	Felice Chan			
YMF Co-Professional Development	Javier Revilla			
YMF Co-Professional Development	Hala Abdo			
YMF Diversity & Inclusion	Kelsey Prem			
YMF Outreach/Service	Nick Nigro			



Reston Branch (2020 – 2021)		
President Shainur Ahsan		
Vice President Christopher J. Friend		
Secretary Michael Magyarics		
Treasurer	Jacob Green	
At-Large Director David Vanaman		
At-Large Director Brook O'Donnell		
Past President	Lisa Anderson	



Annual Awards Banquet Committee	Jameelah Ingram	History & Heritage Committee	Bernie Dennis Steve Pennington
Architectural Engineering Institute	Maria Raggousis	Life Members Forum	Phillip Melville
Boundary Stone Committee	Stephen Powers	Management & Best Practices Committee	Norine Walker
By-laws Committee	Norine Walker	Newsletter Committee	Maria Raggousis
Communications Committee	Tricia Wolfbauer	Report Card Committee	Ranjit Sahai
Construction Committee	Ivan Carrasco	Reston Branch	Shainur Ahsan
Corporate Relations Committee	Lynn Mayo	Structural Committee	Gillian Love
Education Committee	Jameelah Ingram	Sustainability Committee	Alex Rosenheim
Environmental & Water Resources Institute	Ken Klewicki	Transportation Committee	Robert Kalbach Norelis Florentino Stuart Crooks
Geo-Institute	Shana Carroll	Webmaster	Ranjit Sahai

	ASCE NCS Student Chapters (2020 – 2021)				
	THE CATHOLIC UNIVERSITY OF AMERICA	GEORGE UNIVERSITY	GW	HOWARD UNIVERSITY	UNIVERSITY OF DISTRICT OF COLUMBIA 1851
Faculty Advisors:	Bismarck Agbelie, Ph.D. Jason H. Davison, Ph.D.	Doaa Bondok, Ph.D.	Samer H. Hamdar, Ph.D.	Hessam Yazdani, Ph.D.	Bryan Higgs, Ph.D.
Practitione Advisors:	r	Hala Abdo	Amanda Frosztega	Michael O'Connor	
					ASCE NATIONAL CAPITAL SECTION





NOMINATIONS & ELECTIONS



PART 2 OF 5

ASCE

NATIONAL CAPITAL
SECTION

Board of Directors Nominations & Elections – July/August 2021

Elected Positions (Board of Directors):

- President
- Vice President
- Treasurer
- Secretary
- Newsletter Editor
- Director (Three 2 Year Terms)
- Director (One 1 Year Term)

New Officer Installation – September 2021

YMF & Reston Branch to host elections by September 2021



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RECAP OF 2020-2021

PART 3 OF 5



MONTHLY SECTION MEETINGS

Month	Date & Time	Title	# Registered
September	Sept. 22 nd 12pm	Potomac Yard Metrorail Station: Case History of CMC Ground Improvement	74
October	Oct. 20 th 12pm	Army Civil Works: Water Resource Development Act of 2020	55
November	Nov. 17 th 1pm	The ASCE Lebanon Section presents to the ASCE National Capital Section: Beirut Blast Wave	118
December	Dec. 2 nd 6:30pm	Joint ASCE NCS Section and YMF – Virtual Holiday Social	42
January	Jan. 26 th 12pm	History & Heritage: Benjamin Wight - Father of American Civil Engineering	58
February	Feb. 16 th 12pm	Transform I-66 Project: I-66 Outside the Beltway by FAM Construction	
March	March 23 rd 6:30pm	ASCE NCS Annual Awards: Virtual Celebration! Featuring Avery Bang, Bridges 2 Prosperity	93
April	April 13 th 12pm	Smithsonian National Museum of African American History & Culture (NMAAHC)	62
May	May 18 th 12pm	The U.S. Army Corps of Engineers, Delivering Innovation to the Nation's Toughest Challenges	53
June	June 15 th 12pm	ASCE NCS June 2021 Special Meeting - DC Report Card	81

Average: 73



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COMMITTEE/INSTITUTE/BRANCH ACTIVITIES

Reston Branch

Webinars

- Kent Holland, Contractual Risk Management to Address COVID-19 Impacts and Other Risks
- David H. Steigler, Pennoni Associates, "The Making of a Place"
- Amir Gheitasi, Ph.D, P.E., Refined Analysis to Support Bridge Rating and Management
- Zachary Beach, P.E., Leveraging BIM for Requirements Management
- Renée N. Hamilton, CEO of the Dulles Greenway





- Michelle Bolding, P.E., Geotechnical Challenges in Roadway Design
- Jessica Klinefelter, Vice President in charge of Wallace Montgomery's Environmental Department, "Having an Environmental Mindset
- during Planning and Design Processes"
- Jeseth Delgado Vela and Allison Deines, Investigating Methods for Quantification of SARS-CoV-2 in Wastewater: A pandemic partnership between Howard University and AlexRenew







Environmental & Water Resources Institute



Sections, Moving to Higher Ground: Rising Sea Level and the Path Forward by **John Englander**

EWRI Chesapeake Bay and National Capital

- Dr. Malcolm Taylor, Piscataway Bioenergy Facility
- Dr. Cat Shrier, Challenges and triumphs of the Water Citizen Academy's Virtual Water Education
- Bill Cumbie, PE, founder of Pancopia, Inc., From Swine Lagoons to Space and Back





- Dr. Sunil Sinha, Virginia Tech Sustainable Water Infrastructure Management Center
- Dr. Arash Massoudieh, A flexible framework for process-based hydraulic and water quality modeling of Best Management Practices
- Dr. Kimberly Jones, the Chair of Howard University's Department of Civil and Environmental Engineering, on the intersection of technology and public policy and how they can work together to enhance public health

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Geo-Institute



Webinars

- Mark Rothbauer, Nicholson Construction, Cole Field House Support of Excavation Project
- Mr. Patrick E. Gallagher, P.E., **CPGS**, Settlement/Consolidation Analysis of a 140' Engineered Fill **Embankment at WEST RIDGE** Business Park, Morgantown, WV
- Professor Jean-Louis Briaud, PhD, PE, DGE, Distinguished Member ASCE, ASCE President, Laterally Loaded Large Diameter Piles

ASCE Geo-Institute National Capital Chapter 2021 Student Essay Competition Winners

The topic for this year's essay competinegative aspects of geotechnical engi-neering that shape your desire to pursue a career in the field?"

The ASCE NCS GI members voted for the best essay and the following students have been awarded the 2021 scholarships:

First Place: Yassmine Khiri, Howard University, yassmine. khiri@bison.howard.edu

Senior Student pursuing Civil Engineering at Howard University She is from Marrakesh, Morocco and speaks Arabic, French and English. She was a part of the Howard University Women's tennis team for 3 years. In her essay, Yassmine stated: "I wish to work as a Geotechnical Engineer to work as a Geotechnical Engineer so I can design and build magnificent structures that can be used by many people such as bridges and dams, which change people's lives, bridges which cut down travel times from 4 hours to 45 minutes, bridges in third world countries which make the difference between belilden acing to exched and exterior. children going to school and not getting education."

Second Place: Natalie Gallo, University of the District of Columbia, natalie.gallo@udc.edu

Natalie Gallo is currently a Senior student at the University of the District of Columbia and she will be graduating in May 2021. She is a proud Latina, and she strives to always break stereotypes in the civil engineering field. This summer, she will begin her first geotechnical engineering job in Maryland, and she hopes to become a professional.

In her essay, Natalie highlighted: "The understanding of the geotechnical field excites me whether I choose to design the next Hoover Dam or test Mars soil the next Hoover Dam or test Mars soil samples for future exploration. I have always envisioned my civil engineering career out in the field where no two days are the same and the challenges and difficulties of the geotechnical field are what gravitated me to want to pursue this career. The columnative general this career. The only negative aspect of the geotechnical engineering field is the lack of Hispanic and female diversity. Naturally, this negative aspect only ony, reacurarry, triis negative aspect only motivates and encourages me to break through." ■











PLANNING FOR 2021-2022

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Goal Discussion for 2021 - 2022

ASCE GOALS

- An ever-growing number of people in the civil engineering realm are members of, and engage in, ASCE.
- 2. Civil engineers develop and apply innovative, state-of-the-art practices and technologies.
- 3. All infrastructure is safe, resilient, and sustainable.
- 4. ASCE advances the educational and professional standards for civil engineers.
- 5. The public **values civil engineers' essential role** in society.
- 6. ASCE excels in strategic and operational effectiveness.



NCS GOALS

- Continue Mgmt. and Best Practices Committee & integration of 2020 Member Survey results
- Continue to plan family events for members, when possible, i.e., Chesapeake Bay Cruise, E-Week activities, etc.
- Bridge the gap between college memberships and YMF/NCS professional memberships, i.e., Obtain personal (not college) emails from students at local universities, mentor program, etc.
- Increase membership involvement in committees & volunteer events
- 5. Mix of Virtual & In-Person events
- 6. Increase Section Meeting attendance
- 7. Joint Section & YMF Events
- 8. Online Storage of NCS Board/Committee Documents
- 9. Continue Order of the Engineer
- 10. Enhance Online Presence, i.e., Social Media, Continue Website Updates, ASCE Collaborate
- 11. Strengthen Pipeline to Civil Engineering via K-12 Outreach



Governance Enhancements

Structure:

NCS Bylaws and Constitution updated in September 2020

Communications/Accountability:

- Monthly Committee Reports to Board
- Assign Committees to Directors for reporting
- Committee support of relevant Section Meetings
- Board Meetings
 - Advanced scheduling & time efficient
- Master calendar of events/deadlines/etc.
- File share and storage system
- YMF volunteers for In-Person Section Meeting registration





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Proposed Income Summary (2021 - 2022)

ASCE-NCS Budget - Fiscal Year 2021-22 (Draft)		
Income	Amount	
From ASCE: Member Section Dues 2019-2020 \$33K	\$33,000.00	
From ASCE: Allotment	\$16,000.00	
Investment Income (Interest on Checking Only)	\$10.00	
Section Meetings and Banquet (COVID Impact)	\$15,000.00	
Sponsorships (COVID Impact)	\$5,000.00	
Reston Branch (COVID Impact)	\$5,000.00	
Commemorative Book Sales (Decreasing Sales)	\$500.00	
Scholarship Trust	\$10,000.00	
Voluntary Contribution to the Scholarship Trust	\$1,200.00	
Income Subtotal	\$85,710,00	



Preliminary Expenses Budget (2021 – 2022) – Part 1 of 2

Expenses	Amount
Bank Fees (Cut in Half Based on Actual Charges)	(400.00)
Post Office Box Rental	(350.00)
Planning Meetings	(500.00)
Section Meetings (COVID Rendered 2021 Projection Mute)	(25,000.00)
Section Meeting Supplies	(250.00)
Annual Awards Banquet	(10,000.00)
Scholarships	(12,000.00)
Newsletter	(7,500.00)
Website	(500.00)
Holiday Party	(2,000.00)
Honorariums (Newsletter Editor, Treasurer, Communications Chair,	
Webmaster) Removed in By-Laws	(0.00)
Reston Branch	(5,000.00)
Committee: Architectural Engineering	(1,500.00)
Committee: Construction	(800.00)
Committee: Education (USA Science/Engineering Festival)	(2,500.00)
Committee: Geotechnical Executive	0.00
Committee: History & Heritage	(100.00)
Committee: Outreach, Discover Engineering Family Day	(1,000.00)



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Preliminary Expenses Budget (2021 – 2022) – Part 2 of 2

Expenses	Amount
Committee: Report Card	0.00
Committee: Structural	0.00
Committee: Sustainability	(1,000.00)
Committee: Transportation	(2,000.00)
Committee: Environmental and Water Resources Institute	(500.00)
Committee: YMF Happy Hours	(2,000.00)
Committee: YMF Planning Meeting	(750.00)
Committee: YMF Professional Development	(1,500.00)
President/BOD Discretionary Fund	(2,500.00)
Engineers Week	(400.00)
DCCEAS	(50.00)
NCS outreach to local Colleges/Universities	(2,750.00)
Region II Governor's Expenses	(750.00)
Voluntary Contribution to the Scholarship Trust	(1,200.00)
Eastern Region Leadership Meeting	(1,500.00)
Conferences (ASCE Convention, PGF, MRLC)	(2,500.00)
OPAL Awards	(2,500.00)
Boundary Stones	(500.00)
Expenses Subtotal	(91,800.00)



2021 – 2022 Income/Expenses Summary

- Expected income = \$85,710 Expected expenses = (\$91,800) Income Expenses = -\$6,090.00

Notes:

Reston Branch budgeted as revenue-neutral

Ways to increase revenue: more sponsorships, increase dues-paying memberships

Additional Notes:

- Reduction in expected income due to less anticipated Member Section Dues & Book Sales Reduction in expected expenses due to completion of recent report card, no honorariums, and less bank fees
- Scholarship Trust should not have a line item on Section Budget (Action Item Revise/discuss with elected Treasurer)



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Proposed Monthly Section Meetings

Month	Proposed Meeting Dates	Week of Month	Holidays
September*	Tuesday, September 21	3 rd of 4 Tuesdays	Labor Day: 9/6 Rosh Hashanah: 9/6-9/8 Yom Kippur: 9/15-9/16
October*	Tuesday, October 19	3 rd of 4 Tuesdays	Indigenous Peoples' Day Columbus Day: 10/11
November*	Tuesday, November 16	3 rd of 5 Tuesdays	Veterans Day: 11/11 Diwali: 11/4 Thanksgiving: 11/25
December	No meeting YMF Toys-Tots – TBD Holiday Party – TBD	TBD	Christmas: 12/25
January	Tuesday, January 18	3 rd of 4 Tuesdays	New Year's Day: 1/1 MLK Day: 1/17
February	Tuesday, February 15	3 rd of 4 Tuesdays	Presidents' Day: 2/21
March	Tuesday, March 22	4 th of 5 Tuesdays	St. Patty's Day: 3/17
April	Tuesday, April 19	3 rd of 4 Tuesdays	Easter: 4/17 Ramadan Start (approx.): 4/2
Мау	Tuesday, May 17	3 rd of 5 Tuesdays	Mother's Day: 5/8 Memorial Day: 5/30

^{* -} Currently assumes Section Meetings are held via virtual platform (Sept. through Nov. 2021) - Continue to discuss and re-evaluate upon further guidance from ASCE



Potential Section Meeting Topics

- ASCE President as speaker
- Arlington Memorial Bridge
- Site Visit Tours / Boat Tour
- History & Heritage
- 11th Street Bridge-Park
- Frederick Douglas Memorial Bridge
- Restoration of Jefferson Memorial
- ASCE International Collaboration
- ALEX Renew (Section)

- WMATA Platform Renewal Project
- Mass Timber
- Amazon Related Development
- Boundary Stones
- DCA Project Journey Update
 - Zero Emissions Bus Program
 - Art In Transit/Public Space Panel



Monthly Section Meetings				
Date	Organization/Topic	Speaker(s)	Committee/ Champion	
September 21	Zero Emission Buses	TBD	Jameelah Ingram	
October 19	Frederick Douglass Memorial Bridge	TBD	Mike Venezia	
November 16	Climate Change/Resiliency	TBD	Fernando Pasquel	
	December Holiday Party - Date TBD - (No Meeting)			
January 18	Silver Line	TBD	Brian Barna	
February 15	LMF/EWB DC/EWB Student Chapter	TBD	LMF/EWB Phillip Melville	
March 22	Annual Awards Banquet	Keynote TBD	NCS VP	
April 19	International Activities Panel	TBD	Dennis Warner Norine Walker	
May 17	Art In Transit/Art in Public Space	TBD	Jameelah Ingram Christian Parker	



Proposed Committees, Institutes, & Branch (2021-2022) Chairs			
Annual Awards Banquet Committee	ASCE NCS Vice President	History & Heritage Committee	Bernie Dennis Steve Pennington
Architectural Engineering Institute	Maria Raggousis	Life Members Forum	Phillip Melville
Boundary Stone Committee	Stephen Powers	Management & Best Practices Committee	Norine Walker
By-laws Committee	Norine Walker	Newsletter Committee	Maria Raggousis
Communications Committee	Tricia Wolfbauer	Report Card Committee	Ranjit Sahai
Construction Committee	Ivan Carrasco, Volunteers	Reston Branch	Reston Branch President
Corporate Relations Committee	Lynn Mayo	Section Meeting Planning Committee	Liz Wheeler
Education Committee (K-12)	Open	Structural Committee	Open
Education Committee (Collegiate)	Open	Sustainability Committee	Alex Rosenheim
Environmental & Water Resources Institute	Ken Klewicki	Transportation Committee	Robert Kalbach
Geo-Institute	Shana Carroll	Webmaster	Ranjit Sahai
E-Week	Open	Younger Members Forum	YMF President

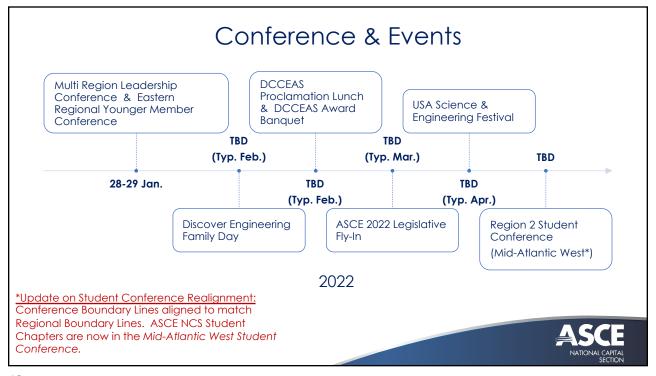
Volunteers are always welcome as Committee Members as well!

Practitioner Advisors:

- Catholic University of America ASCE
- University of the District of Columbia ASCE







WRAP-UP

PART 5 OF 5

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Action Items for Future Discussion

- Update Operating Manual
- Future event format (Virtual/In-Person)
- Joint Meeting with ASCE NCS Student Chapter Faculty Advisors
- Tours (perhaps related to Section Meeting Topic)
- Student Outreach (i.e., Mentoring, Membership, Resumes, Networking)
- Resume Book Sponsorships
- Proposed Memorial Scholarship for Dr. Hampton
 (Delon Hampton, Ph.D., P.E., D.GE(Hon.), Hon.M.ASCE, Pres.00.ASCE, NAE)



Wrap-Up

- Board Nominations & Approval
 - To be conducted via email voting
- Motions
- Other business
- Closing thoughts or concerns

Contact Information:

Mike Venezia at <u>president@asce-ncs.org</u>

Jameelah Ingram at jameelah.muhammadingram@wsp.com



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