

2022

AAEES Member Activity Report

 AMERICAN
ACADEMY
OF ENVIRONMENTAL ENGINEERS & SCIENTISTS®

President's Report

Greetings and happy holidays.



Welcome to that time of year when we get less work done (maybe) but we get to know each other better! This has been a good year for the Academy. We are in a more stable financial situation than we were a year ago. We've increased our services for the membership, and our membership numbers have also stabilized. The bottom line: The Academy is strong and getting stronger!

For me personally, I feel I've been growing into this job as President that I began in June. I started out by having one-on-one meetings with over two dozen Academy leaders to discuss the direction we should go in. The discussions were informed by the Strategic Plan that had been adopted by the Board of Trustees a year ago, which you can see at <https://www.aees.org/assets/docs/members/AAEESStrategicPlan-2023.pdf>. I was impressed that every single person I spoke with provided me with thoughtful and actionable ideas to improve the Academy.

The resulting 2023 Annual Plan was approved by the Board of Trustees at its last meeting. The plan is organized around nine goals. The first is an overarching one, in which the Academy will seek to fill a niche that our fields need: "AAEES should endeavor to become 'THE' professional organization for environmental engineers and scientists." There currently is no other professional organization that represents all environmental engineers and scientists regardless of their specialization. We will seek to become known as that organization.

In addition, the 2023 Annual Plan includes other goals intended to further strengthen the Academy and improve its value to its members. These include new services for all categories of membership, such as expanded webinar topics and a membership search function on the website (more on that in the future). As always, we seek to increase recruitment and retention of Board-certified members. We plan to bolster Board Certification through the Patrons program. We have begun to recognize young leaders with our new "40 under 40" program. We will grow the (non-Board-Certified) Member category as a pipeline toward future Board-Certified members by targeting young professionals and student members to become Members. Towards that goal, we will also work to grow the Student Member category as a source of future (non-Board-Certified) Members, and to increase Student Chapters. We will add and improve services for Student Members, K-12, and EE and EES programs by actions such as the creation of a career web page oriented towards high school students who are inquiring about careers in environmental protection. Finally, we will seek to increase membership diversity by soliciting professional organizations for underrepresented minorities to partner with us as affiliate organizations, and by promoting younger members who tend to be more diverse into Academy leadership roles.

This is a tall order, and I will need your help! The work of the Academy is carried out by its committees, together with our excellent staff. You can help by joining a committee, becoming part of the Academy leadership. Take a look at our committee list at <https://www.aees.org/committees> and see where you can fit in and use your professional experience to benefit our profession as a whole.

I hope you have a happy holiday season, and here's to a productive and successful new year.

Dr. David Vaccari, P.E., BCEE
AAEES President

© Copyright 2022
American Academy of Environmental Engineers and Scientists®
147 Old Solomons Island Road, Suite 303
Annapolis, MD 21401
Phone: 410-266-3311
<https://www.aees.org>

Volunteering and Committee Opportunities

The Academy operates on mainly volunteers and a very small staff. The Academy's success requires our talents, time, and treasures. This means that, put quite simply, the Academy is OUR organization. We rely on the more than 300 members who are serving as volunteers on over 25 committees and work groups to craft the programs and products that provide maximum value to you. The Academy's officers and members serving on committees, with the support of Academy staff, work diligently to assure that we are meeting our members' needs. If you are interested in participating, step up and



give us a call and let us know which area or areas you would like to work in. You are needed and there is a place for you. Beyond committee work, you can be an ambassador for the Academy every time you give a presentation – just mention AAEES and what it means to you.

Growing the Patrons Program

AAEES has been in existence for more than 60 years, credentialing professionals in environmental engineering and science, educating the public about the value of environmental systems, working with the ABET (the Accreditation Board for Engineering and Technology) as the Lead Society in the accreditation of 80 college and university Environmental Engineering programs, and providing recognition for noteworthy, creative, and innovative projects and programs in the annual Excellence in Environmental Engineering and Science (E3S) competition.

To sustain the Academy's programs and enhance their effectiveness, the Patron Program exists for fiscal support. It is the Academy's firm belief that the synergistic impact of individual membership activities, coupled to support from the organizations in which they work, creates a powerful success model that will enable the Academy to better implement its organizational goals and mission.

The Patrons Program is far-reaching. Its intent is to have our patrons co-brand with the Academy for everything we do in outreach to members, other environmental organizations and practitioners, and the general public.

The list below captures a summary of the AAEES Patrons Program benefits:

Advertising/Visibility

- Featured recognition/advertisement of Patrons on the AAEES website. AAEES works closely with the Patrons to post its content as an important mechanism

to publicize accomplishments and serve as a recruiting tool for new talent.

- Prominent advertisement (verbal recognition/signage/logo) at all AAEES sponsored events including virtual.
- Recognition included in all webinar marketing material.

Education

- Host an AAEES webinar to share your firm's knowledge and include your promotional video.

Financial Benefits

- Issuance of two complimentary registrations to attend the Annual AAEES Awards Luncheon and Conference
- Four complimentary technical entries (value equivalent to \$2,000) for the Excellence in Environmental Engineering and Science competition (E3S)
- Waiver of the AAEES certification application and examination fees for all employees who qualify (value equivalent to \$250 per employee)

The Patrons Program is extremely effective in providing consistent recognition for our Patrons. Wherever the Academy goes and wherever Academy materials appear, those of its Patrons also appear.

In establishing the Patrons Program, the Academy acknowledges and appreciates the past economic support of corporate, agency, and academic entities. Their support for indi-

vidual events and programs has been beneficial to the Academy. We believe that the Patrons Program outlined here will be more effective in achieving the goals of the Academy in developing its programs, and more effective in providing the recognition that our Patrons seek for their sponsorship of the Academy.

Administratively, the Patrons Program enables Patrons to support the full slate of Academy activities through one annual contribution. We are setting annual Patron contribution commitments of:

- \$8,000 for Corporate/Consulting category

- \$6,000 for Public Agency/Government category

We invite you to consider having your organization become an Academy Patron. Your decision to participate will trigger our sending you a simple 'Patrons Program Participation Agreement' that lists the program features and benefits. This will be followed by contact from the Academy staff to determine your preferred invoicing and form of payment information. We will also need to have Patrons staff contact information to ensure that we have requisite materials -- accurate logos, entity identification, website links, and other items -- to enable us to create the content we will use to maximize your exposure and recognition as an Academy Patron.

We are thankful for the support of our AAEES Patrons



Pivoting The Webinar Model

Approximately 6 months ago, we modified the webinar pricing model. Now, rather than asking individual Academy members to pay \$30 to attend, we ask sponsors to provide \$1,000. This allows us to offer webinars free to Academy members which is a substantial added value to membership. Sponsors have their logo and company description displayed at the beginning of the event. We also mention the sponsor in each social media post and marketing email we share. Since we pivoted the webinar model, we have increased webinar registrations substantially.

All webinars are available on YouTube about a month after they are recorded. In the near future, if a member would like to earn a PDH certificate for a past webinar, they can pay a fee and then take a short quiz to show they gained knowledge from the presentation.

We already have several webinars scheduled for 2023 and we are always looking to leverage our current network of experts in environmental engineering and science in order to grow our team of outstanding webinar speakers.

Curating a well-rounded webinar series that would appeal to a variety of interests is no small task! Would you like to help? We would be honored if you could nominate 3 to 5 potential speakers in the environmental engineering and science field. Who do you know that is sure to create a captivating presentation that is relevant to this industry? And by all means, feel free to nominate yourself!

Please submit name, organization, and contact information for each speaker recommendation.

Click here to submit via a Google Form: [AAEES Webinar Speaker Nomination Form](#)

2022 AAEES Webinars

Converting Organic Waste into Liquid Gold

Jay Brady (Stanley Consultants) and Jon Koch (City of Muscatine)

COVIDPoops19 and Beyond: Origin, Evolution, and Impact

Colleen C. Naughton, Ph.D.
University of California MERCED

Environmental Justice at EPA

Philip M. Fine, Ph.D.
EPA

Innovation Platform - MABR Research Collaborative

Sandeep Sathyamoorthy, Ph.D.
Black & Veatch

Locally Enhanced Electric Field Treatment (LEEFT) for Disinfection

Xing Xie, Ph.D.
Georgia Tech

Locally Relevant Soil Moisture Monitoring for Water Resources Applications

Noemi Vergopolan, Ph.D.
Atmospheric and Ocean Sciences Program,
Princeton University NOAA Geophysical
Fluid Dynamics Laboratory

Logan Township MUA 0.5 MGD Water Reclamation Facility Expansion

Richard B. Czekanski, P.E., BCEE, CME
Remington & Vernick Engineers, Inc.

Modeling Complex Environmental Data Without a Black Box

David A. Vaccari, Ph.D., P.E., BCEE, F.ASCE
Stevens University

OCWD PFAS Treatment Study

Meeta Pannu, Ph.D.
Orange County Water District

Regulations, Sampling and Operating PFAS Treatment Systems in the US

Viraj deSilva, Ph.D., P.E., BCEE
Freese and Nichols, Inc.

Reinventing the Toilet for Global Sanitation: The NEWgenerator Resource Recovery Machine

Daniel H. Yeh, Ph.D., P.E., BCEE, LEED AP
University of South Florida, Tampa

San Gabriel River Watershed Project to Reduce River Discharge in Support of Increased Recycled Water Reuse

Jaime Sayre, Jodie Lanza, and Stephanie Olague Garcia
Los Angeles County Sanitation Districts

The EPA's Brownfield Program: Little-Known Funding Mechanism to Address Asbestos, Lead

Melissa Tiedemann, Julie Oriano (Stanley Consultants) and Daphnea Ryan (City of Texarkana)

Two Historical ABET Developments

Benedict College – South Carolina's first HBCU to have an accredited Environmental Engineering Program



Benedict College became the first HBCU in South Carolina to receive accreditation for its Environmental Engineering Program and only the second school in South Carolina to achieve this honor.

The Environmental Engineering Program is accredited by the Engineering Accreditation Commission (EAC) of the ABET.

The mission of Benedict College's Environmental Engineering Program is to train and empower engineers who will become effective stewards of environmental justice and sustainability in the 21st century, and to provide a workforce pipeline increasing the number of underrepresented minorities in the environmental engineering field.

Benedict College debuted the program in 2012. Enrollment has more than doubled since being launched, showing the growing demand for the major which prepares students for careers in water and wastewater treatment, solid waste management, remediation in polluted sites, and air quality engineering.

Founded in 1870, Benedict College offers several high-demand fields of study in STEM, Cyber Security, Mass Communication, Sport Management, Business Administration, Engineering, Computer Science, Biology, and Education.

University of Hawaii at Manoa receives first Environmental Science Accreditation



The University of Hawaii at Manoa is the first college to have an ABET-accredited Environmental Science Program, Global Environmental Science (GES).

The Global Environmental Science (GES) Program is accredited by the Applied and Natural Science Accreditation Commission of ABET.

The program's mission is to educate students in creating, developing, and disseminating knowledge through high quality and innovative faculty mentored student research experiences; training environmental scientists to apply a rich diversity of knowledge systems to sustain and transform the islands and the world; and cultivating creative and innovative leaders in environmental science impacting local to global communities.

The university's Department of Oceanography launched the Global Environmental Science Program in 1998. The program is known for its rigorous math and science foundation, integrated study of environmental- and sustainability-related issues, and faculty-mentored research thesis requirement and prepares its students to enter the workforce in environmental science-related fields and industries or continue on to graduate studies in many different subjects in the sciences, social sciences, law, medicine, and engineering.

Increasing Our Social Media Presence

Over the course of 2022, we have dramatically stepped up our social media game. We went from posting to LinkedIn occasionally to posting to several social media platforms on a daily basis. We now utilize the HootSuite platform for the majority of our posts which gives us additional insight such as best time to post, engagement rate and brand awareness. We have managed to DOUBLE our followers on LinkedIn just in 2022. Besides LinkedIn, we currently engage on Twitter,

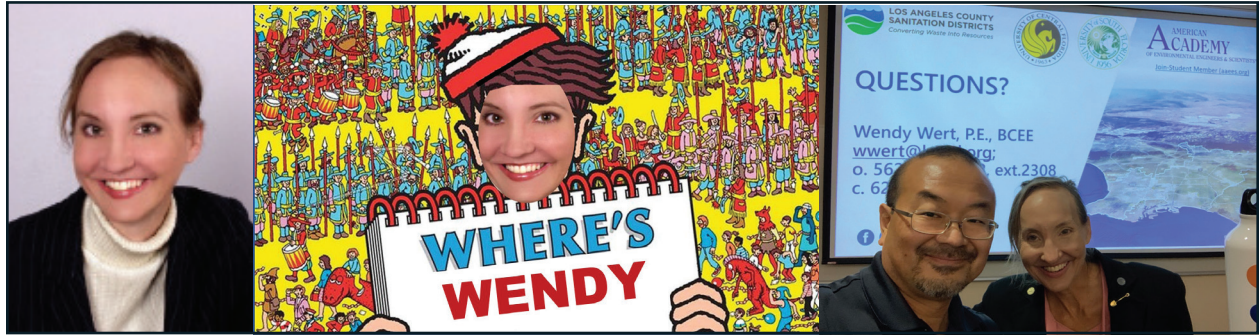
Instagram and Facebook. We hope to become active on TikTok in 2023 so we can engage with a larger pool of young member candidates.

Did you know there are at least 472,000 environmental engineers and 178,000 environmental scientists on LinkedIn? We still have a lot of work to do in order to engage with all of those potential members! Want to help? Make sure you are following us and re-share our posts to your network of connections.

Are you following us yet?



Kappe Lecture Series 2022



Our 2022 Kappe Lecturer and AAEES Vice President/President-Elect, Wendy A. Wert, P.E., BCEE has been extremely busy these last few months. We decided to have a little fun on social media so we can keep track of Wendy's whereabouts. Our "Where's Wendy" social media campaign was very well received with extremely high engagement rates. So far this fall, Wendy has visited The University of California at Davis, The University of California at Berkeley, Stanford University, Duke University, University of San Francisco, North Carolina State University and Central Florida University. In addition to all these universities, Wendy is looking forward to visiting The University of Michigan at the end of January.

Wendy is a Board Certified Environmental Engineer with the Los Angeles County Sanitation Districts. For the past 21 years, she has been working on programs that rely on public participation to integrate water supply, water reuse wastewater facilities planning. Two lectures were offered during Wendy's 2022 Kappe

Lecture Series tour across the US. One lecture is titled "Converting Waste Into Resources: Environmental Challenges and Sustainable Solutions" and the other is "Reducing Our Carbon Footprint: Sustainable Green Fleet." You can read the abstracts of both Kappe lectures at <https://www.aaees.org/kappelecturer>.

The Kappe Lecture Series was inaugurated by the Academy in 1989 to share the knowledge of today's practitioners with tomorrow's environmental engineers and scientists. It is an annually recurring series of lectures presented on college campuses during the Fall academic term. This focus enables it to complement the lecture series sponsored by the Association of Environmental Engineering & Science Professors, which brings renowned research engineers to universities in the Spring term.

If you would like to schedule a Kappe Lecturer at your school, please reach out to Marisa Waterman.

AAEES 40 Under 40 Program

The American Academy of Environmental Engineers and Scientists introduced The AAEES 40 Under 40 Recognition Program in the beginning of 2022. This program was introduced to recognize talented individuals who have, either personally or as part of a team, been responsible for helping to advance the fields of Environmental Science or Environmental Engineering in a demonstrable way within the last 12 months. Winners are chosen by a panel of past recip-

ients who weigh equally business successes and civic/philanthropic activities.

We have selected two classes of recipients and have been engaging with them in various ways. We already had a "virtual happy hour" with the first group of recipients and plan to do the same with the second group in January. Engaging, networking and brainstorming with these future leaders has proved to be extremely valuable. We are in the process of putting to-

gether a live event with some of these recipients as speakers. The event's format will be following an increasingly popular Japanese-inspired presentation technique called PechaKucha. A PechaKucha presentation is a simple presentation where 20 images or slides are displayed, each for 20 seconds (i.e. 20x20). The slides/images advance automatically to keep the event moving quickly. The content is typically primarily images with limited text to ensure the audience stays engaged. For the first PechaKucha event, we plan on having 4 speakers.

We have been announcing a few recipients per week on social media and the response we received has been overwhelming. Large or-

ganizations such as Jacobs are re-sharing our posts and increasing our exposure even more. These profile posts also receive a large amount of comments and likes from peers. All of this activity helps the LinkedIn algorithm to show our post to more member candidates.

In addition to sharing these profiles on social media, the first class of recipients was officially announced at our Virtual Awards Conference in April of 2022. The second class of recipients will be officially announced at our Conference in April of 2023.

These young leaders will help mold the future of the Academy!

First Class of the 2022 40 Under 40 Recognition Program Recipients

Wael Abdelraheem, Ph.D.

The Connecticut Agricultural Experiment Station

John D. Atkinson, Ph.D.

University at Buffalo - State University of New York

Andrew Ault, Ph.D.

University of Michigan

Samik Bagchi, Ph.D., BCES

Digested Organics
Board Certified Environmental Scientist

Michelle Barton

LA Sanitation & Environment

Kyle Bibby, Ph.D.

University of Notre Dame

Stephanie Bolyard, Ph.D.

North Carolina Department of Environmental Quality
AAEES Member

Muralikrishna Chelupati

Stantec

Dylan Christenson, P.E., Ph.D.

Black & Veatch

Karen Dannemiller, Ph.D.

The Ohio State University

Patrick Dunlap

Black & Veatch

Leanne Gilbertson, Ph.D.

University of Pittsburgh, Swanson School of Engineering

Vikram Kapoor, Ph.D.

University of Texas at San Antonio

John Dannley Kenny, P.E.

Trussell Technologies, Inc.
Board Certified Environmental Engineer

Maile Lono-Batura, BCES

WEF
Board Certified Environmental Scientist

Daniel McCurry, Ph.D.

University of Southern California

Jeremy Nguyen

LA Sanitation & Environment

Rosaleen Nogle, P.E., BCEE

Buffalo Sewer Authority
Board Certified Environmental Engineer

Arifur Rahman, Ph.D., P.E.

Jacobs Engineering Group, Inc.
AAEES Member

Pusker Regmi, Ph.D., P.E., BCEE

Brown and Caldwell
Board Certified Environmental Engineer

Jesus Rocha, Jr.

LA Sanitation & Environment

Abhishek RoyChowdhury, Ph.D.

Navajo Technical University
AAEES Member

Samendra Sherchan, Ph.D., REHS

Tulane University

Tiezheng Tong, Ph.D.

Colorado State University

Amandine Tragus

Soprema

Rocky Christopher Welborn, P.E., BCEE, PMP

East Valley Water District
Board Certified Environmental Engineer

Second Class of the 2022 40 Under 40 Recognition Program Recipients

Michael Adelman, P.E. Stantec	Ihsan Ullah Khan, MS Kpesed
Bulbul Ahmed, Ph.D., P.E., BCEE Keurig Dr Pepper Board Certified Environmental Engineer	Poonam R. Kulkarni, P.E. GSI Environmental Inc. AAEES Member
Nirupam Aich, Ph.D. University at Buffalo	Christine M. Magers, CWB Balcones Field Services AAEES Member
Onur Apul, Ph.D., P.E. University of Maine	Taraneh Dawn Nik-Khah, BCES, CPSWQ LA Sanitation & Environment Board Certified Environmental Scientist
Lee Blaney, Ph.D. University of Maryland Baltimore County	Fabrizio Sabba Black & Veatch
Dillon Joseph Devitt, P.E., BCEE HDR Board Certified Environmental Engineer	Emma (Ruqiao) Shen, Ph.D., P.Eng. Jacobs
Colin Fitzgerald, P.E. Jacobs	Danmeng Shuai, Ph.D. The George Washington University
Dillon R. Hoffmann, PMP Couvillion Group AAEES Member	Yang Wang, Ph.D. University of Miami
Mohamed Ateia Ibrahim, Ph.D. US EPA	Renzun Zhao, Ph.D. North Carolina A and T State University
Syed Md Iskander, Ph.D., P.E. North Dakota State University AAEES Member	

2022 AAEES Individual Award Recipients

2022 Edward J. Cleary Award Recipient

Paul F. Boulos, Ph.D., BCEEM, Hon.D.WRE, Dist.D.NE, Dist.M.ASCE, NAE



2022 Excellence in Environmental Engineering and Science Education Recipient

Chad T. Jafvert, Ph.D., BCEEM



2022 Stanley E. Kappe Award Recipient

Timothy G. Shea, Ph.D., P.E., BCEE



2022 Honorary Member

Carl-Axel P. Soderberg, P.E.



2022 Gordon Maskew Fair Award Recipient

Glen T. Daigger, Ph.D., P.E., BCEE, NAE



2022 Science Award

Professor Anu Ramaswami, Ph.D., BCEEM



2022 Environmental Communications Awards Competition Winner

Grand Prize



Communicating During an Emergency: Our Response to a Major Sewer Spill

Entrant: Los Angeles County Sanitation Districts

Person in Charge: Robert C. Ferrante, P.E., BCEE, Chief Engineer and General Manager

2022 Excellence in Environmental Engineering and Science™ Awards Competition Winners

Superior Achievement



Innovative Use of In Situ Treatment Technologies at Joint Base Andrews
Entrant: HydroGeoLogic, Inc.
Engineer in Charge: Robert Bird, P.E.
Location: Brandywine, Maryland

Design



Grand Prize and Grand Prize for 50th Anniversary of the Clean Water Act

Regional San EchoWater BNR Project
Entrant: Black & Veatch
Engineer in Charge: James H. Clark, P.E., BCEE
Location: Elk Grove, California

Honor Award

Michelson Water Recycling Plant Biosolids and Energy Recovery Facilities
Entrant: Black & Veatch
Engineer in Charge: James H. Clark, P.E., BCEE
Location: Irvine, California

Environmental Sustainability

Grand Prize



C-44 Reservoir and Stormwater Treatment Area

Entrant: HDR

Engineer in Charge: Susan Ray, P.E.

Location: Florida

Industrial Waste Practice

Honor Award



Muscatine Organic Waste Recycling Center

Entrant: Stanley Consultants

Engineer in Charge: Jay Brady, P.E.

Location: Muscatine, Iowa

Operations/Management

Honor Award



Optimized Odor Control and Cleaning in Sewer System

Entrant: Orange County Sanitation District

Person in Charge: Jeffrey Brown, P.E.

Location: Fountain Valley, California

Small Projects

Honor Award



Kent Park Watershed and Lake Restoration
Entrant: Stanley Consultants
Engineer in Charge: Wyatt McCain, P.E.
Location: Oxford, Iowa

University Research

Grand Prize



Anaerobic Fluidized Bed Membrane Bioreactor
for Net Energy Production and Highly
Efficient Treatment of Domestic Wastewater
with Low Production of Waste Biosolids
Entrant: Craig S. Criddle, Stanford University
Person in Charge: Craig S. Criddle
Location: Stanford, CA



The Environmental Engineering and Science Foundation Scholarships



The Environmental Engineering and Science Foundation (EESF) has as its Mission "to secure and direct resources to advance environmental engineering and science in the areas of research, education and practice". In line with its mission,

EESF has created six annual scholarships for Environmental Engineering and Environmental Science students at the Master's level. The program is in its third year of operation and has provided 16 scholarships in a total funding amount of \$40,000.

In 2022, six \$2,500 scholarships are being awarded to outstanding students seeking their

Master's Degree in Environmental Engineering programs at various schools around the country.

Congratulations to:

- Annalynne Doll
- Nicole Martindale
- Eric Mei
- Ashley Sanchez
- Emma Slater
- Chantaly Villalona

In 2022, the Foundation supported the mission of the Academy by helping to defray obligations to ABET. Tax-deductible donations by Academy members through the Foundation provided the resources to accomplish this support.

EESF was able to attract a sizable number of applicants and the quality of their quali-

cations was outstanding. These individuals emerged from a highly competitive process that considered academic achievement, resume, essay, and letters of recommendation.

The Environmental Engineering and Science Foundation's primary purpose is to recognize and promote excellence in Environmental Engineering and Science. As a result, the public will become more aware of the important role Environmental Engineers and Scientists play in managing global, national and regional

environmental challenges. To accomplish its goals, the Foundation dedicates its resources to education, research and awards focused on outstanding Environmental Engineering and Science achievement.

The Environmental Engineering and Science Foundation was established in 1998 to serve as a non-profit partner of the American Academy of Environmental Engineers and Scientists (AAEES) and shares many common purposes with that organization.

AAEES Member Spotlight

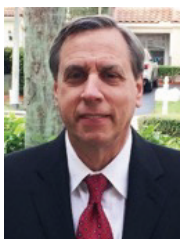
Taraneh D. Nik-Khah, BCES, CPSWQ



Taraneh D. Nik-Khah, BCES, CPSWQ became a Board Certified Scientist four years ago. As an Environmental Affairs Officer of the Watershed Protection Program for the City of Los Angeles, LA Sanitation, Taraneh Nik-Khah is responsible for the City's administrative compliance with its Stormwater Permit. Taraneh's passion as an environmental scientist is to better communicate scientific principles and data to the general public as well as helping and mentoring others to advance in the field of surface waters.

In the past year, Taraneh has been instrumental in improving the accessibility and transparency of measurable environmental scientific and engineering information to the general public by managing the development of a Los Angeles regulatory regional compliance website. The site focuses on culturally relevant communication of stormwater compliance to the people of Los Angeles' diverse communities. It is an interactive place where the complex subject of stormwater is described in plain language, with resources to learn more. In addition, Taraneh takes an active role in mentoring new scientists in the field - volunteering as a preceptor for college students, serving on evaluation panels for BCES oral exams, coaching new hires and new supervisors, and helping all staff with career development. Taraneh looks forward to continuing this work of enhanced communication and mentorship for the rest of her career. www.lastormh2o.org

Final Words of Wisdom



As my second term as a Trustee-at-Large ends, I am grateful and appreciative of the opportunity to serve the Academy. I am also thankful of the tremendous strides the Academy has undertaken to rise from the depths of fiscal uncertainty to a path of growth and strength that the recent officers and executive directors have been pursuing. I have enjoyed my short time as a member of the executive committee knowing the Academy is in great hands going forward with the future leadership. Good luck and best wishes to all the leadership, members, and staff who have been working hard to guide the Academy into the future.

Jeffrey H. Greenfield, Ph.D., P.E., BCEE, ENV SP
Licensed Engineer
Broward County, Florida
Water and Wastewater Services
Water & Wastewater Engineering Division



It has been my honor to serve on the Board of Trustees of AAEES and my pleasure to see how vibrant the Academy is today. Frankly it was a bit daunting when I first started due to the financial position the Academy was in, but with hard work and everyone pulling together the situation has improved dramatically. The future looks very bright for AAEES due to the strong commitment of the board and others in the AAEES community. I look forward to continuing my work on several of the AAEES committees as the Academy continues to evolve to meet the current and future needs of environmental practitioners.

AAEES Trustee-at-Large 2022
Mary F. deFlaun, Ph.D., BCES
Geosyntec Consultants, Inc.



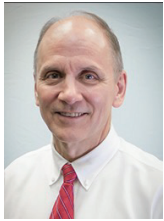
As I reflect on my time serving as the Deputy Treasurer of AAEES this past year, I feel extremely fortunate to have been given the opportunity to learn from Treasurer Vinio Floris. It was his idea to install a Deputy Treasurer who could not only assist the Treasurer if needed, but also prepare them for a smooth transition into the Treasurer position. I plan to continue using his style of presentation of financials which I believe the Executive Committee and Board of Trustees found very useful. I look forward to serving AAEES to the best of my ability and ensuring we are always in good financial standing.

Richard P. Watson, P.E., BCEE
Chief Executive Officer
Delaware Solid Waste Authority



Three years ago, the Academy was on its way of insolvency. We took decisive and aggressive measures, but the pandemic came along and diluted some of our efforts. It took courage and proper risk management decisions to make a turn around. Now, the Academy is back to a reasonable and stable financial position. This achievement could not have been reached without the support of a passionate board of directors and very supportive members of this community. I leave my post with the satisfaction that we not only put our little grain of sand to make it better, but that it is now in the hands of competent and committed leaders that will ensure its success. Thank you.

Vini Floris, Ph.D., P.E., BCEE
Treasurer and Chair of the Finance Committee



I am honored to serve both the American Society of Civil Engineers (ASCE) and AAEES as the ASCE-appointed representative on the AAEES Board of Trustees through 2024. ASCE has been a sponsoring organization of AAEES since the founding of the Academy. I will be working on ways for ASCE and AAEES to support each other. Many AAEES members are also members of ASCE. I welcome ideas about collaboration opportunities for ASCE and AAEES.

Representing ASCE on the AAEES Board of Trustees
David Dzombak, PhD, PE, BCEE, DWRE, Dist.M.ASCE

End of Year Financial Statements

American Academy of Environmental Engineers and Sc	
Balance Sheet Summary	
As of November 30, 2022	
	TOTAL
ASSETS	
Current Assets	
Bank Accounts	331,765.94
Accounts Receivable	0.00
Other Current Assets	13,051.60
Total Current Assets	\$344,817.54
Fixed Assets	1,368.15
Other Assets	5,078.01
TOTAL ASSETS	\$351,263.70
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	7,860.40
Other Current Liabilities	174,585.88
Total Current Liabilities	\$182,446.28
Long-Term Liabilities	0.00
Total Liabilities	\$182,446.28
Equity	168,817.42
TOTAL LIABILITIES AND EQUITY	\$351,263.70

American Academy of Environmental Engineers and Sc

Profit and Loss
January - November, 2022

	TOTAL
Income	
40100 Membership & Certification Fees	379,069.50
40300 Member Publication	924.00
40500 Meetings	15,361.00
40600 Excellence in Enviro Engineerin	5,344.00
40800 Foundation Administrative Fees	3,500.00
40850 Patrons Program	48,000.00
40900 Other Income	9,191.12
41100 Product Sales	1,901.80
45000 Investment Earnings	3,310.43
Total Income	\$466,601.85
Cost of Goods Sold	
50000 Cost of Goods Sold	0.00
50100 Cert/Membership Expenses	3,036.91
50600 E3 Expenses	5,515.54
50700 Public Education	1,589.85
50900 Organization Memberships	23,300.00
51100 Meeting/Webinar Expense	1,471.12
Total Cost of Goods Sold	\$34,913.42
GROSS PROFIT	\$431,688.43
Expenses	
60100 Officer and Trustee Expenses	789.23
60200 Payroll Expenses	261,410.09
60300 Management and General	64,171.83
60400 Other Office Expense	20,523.65
60500 Audit/Legal	14,190.43
60600 Insurance	3,392.00
Total Expenses	\$364,477.23
NET OPERATING INCOME	\$67,211.20
NET INCOME	\$67,211.20



147 Old Solomons Island Road, Suite 303

Annapolis, MD 21401

410-266-3311

<https://www.aaees.org>