

Rewards and Benefits of AAEES Membership & Board Certification



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History & Mission

HISTORY

Founded in 1955 for the principal purpose of serving the public by improving the practice, elevating the standards, and advancing public recognition of environmental engineering and science.



MISSION

Protecting public health and the environment by:

- Recognizing leadership and excellence through board certification of environmental engineers and scientists
- Providing professional development opportunities for students, engineers, and scientists



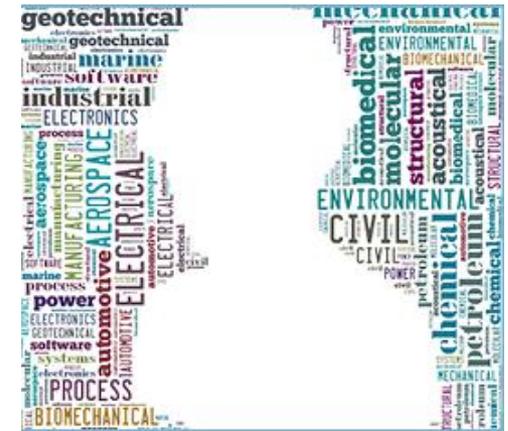
Environmental Engineering and Science Foundation (EESF)

Environmental Engineering and Science Foundation

EESF is an independent organization associated with the Academy. Founded in 1998, this 501(c)(3) entity operates to educate the public about the relevance and benefits of environmental engineering and science and to further the education of its practitioners.

EESF donations are tax-exempt and they help support the future of environmental engineering and science professions. In turn, the EESF helps to fund educational and outreach efforts of the Academy.

Additional information on EESF can be found at <http://www.eesfoundation.org/>



AAEES & ABET

Curricula Accreditation

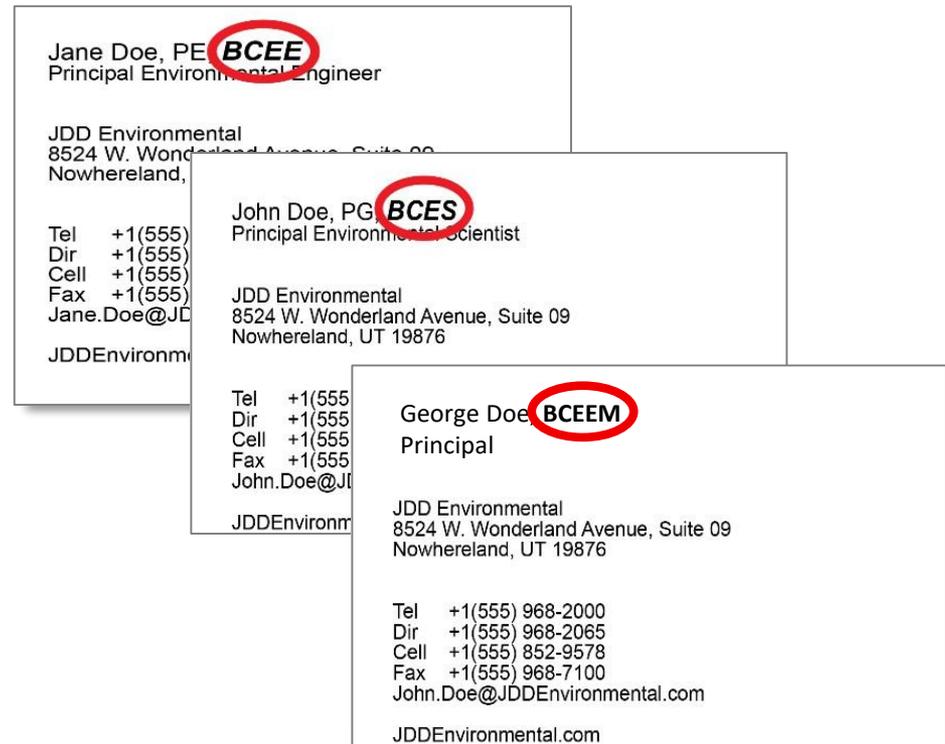
- The American Academy of Environmental Engineers and Scientists® is the lead society for environmental engineering and environmental science education program accreditation. AAEES has sponsored the accreditation of 105 environmental engineering and science programs worldwide. ABET accredits global environmental engineering and environmental science curricula. Setting and enforcing program guidelines ensures that persons attending accredited programs receive an equivalent education consistent with the needs of the profession.
- ABET has accredited 4,307 programs at 846 colleges and universities in 41 countries..



Board Certification Defined

Board Certification

- Bringing specialized credential above-and-beyond general licensure of PE, PG, etc.
- The BCEE, BCES, and BCEEM certifications are internationally recognized as premium credentials that are awarded to experienced professionals who have demonstrated expertise in one or more areas of specialization.



AAEES Sponsoring Organizations



Professional societies and associations who promote board certification of environmental engineers and scientists and support AAEES. Each sponsoring organization provides a representative on the Academy's Board of Trustees. Many of the current sponsoring organizations have collaborated as far back as 1955 to found the AAEES.



Leadership and Excellence in Environmental Engineering and Science

AAEES Patrons

The Academy's endeavors have focused on individual membership and the actions of these individuals in implementing its goals.

It is the Academy's firm belief that the synergistic impact of individual membership activities, coupled to support by the organizations in which they work, creates a powerful success model that enables the Academy to better implement its organizational goals and mission. This Patrons Program typifies this model.

The **Patrons Program** umbrella is expansive. Its intent is to have our patrons effectively co-brand with the Academy for everything that it does in outreach to either members or the general public.

AAEES strives to provide consistent recognition for our Patrons. Wherever the Academy goes and wherever Academy materials appear, those of its Patrons also appear.

We invite you to consider having your organization become an Academy Patron.



AAEES Patrons

AMERICAN
ACADEMY
OF ENVIRONMENTAL ENGINEERS & SCIENTISTS®



Leadership and Excellence in Environmental Engineering and Science

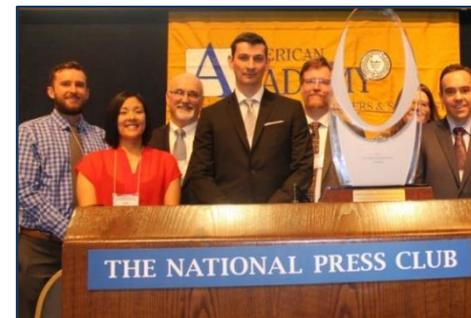
AAEES Primary Activities

AAEES Awards Conference

AAEES hosts the awards conference each year. A series of technical speakers share their knowledge and the E3s Awards are presented. The Excellence in Environmental Engineering and Science Awards Competition exists to identify and reward the best of today's environmental engineering and science. Its criteria define what it takes to be the best in environmental engineering and science practices: a holistic environmental perspective, innovation, proven performance and customer satisfaction, and contribution to an improved quality of life and economic efficiency.

- Design
- Research
- Planning
- Small Firms
- Small Projects
- Environmental Sustainability
- Operations/Management
- Industrial Waste Practice
- University Research

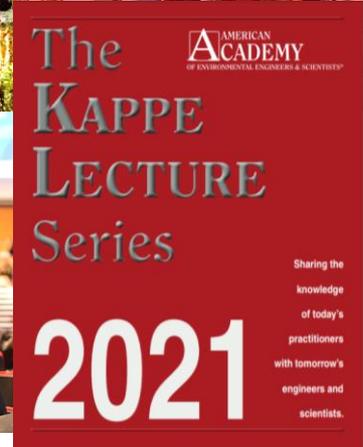
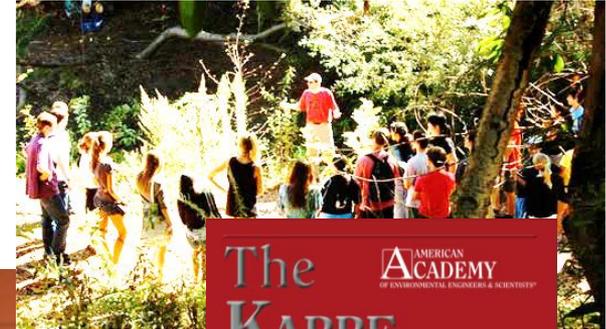
*Excellence
in Environmental
Engineering & Science™*



AAEES Primary Activities (continued)

Additional Activities

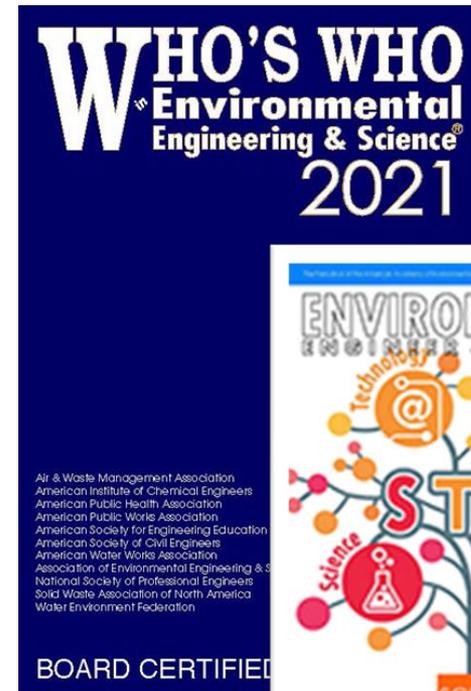
- Facilitates numerous conferences, seminars and webinars
- Supports the National Council of Examiners for Engineering and Surveying
- Sponsors the Kappe Lecture Series to academia
- Supports Student Chapters and their students at over 30 universities across the country



AAEES Publications

AAEES Publications

- **AAEES High Points Monthly newsletter**
Monthly online newsletter featuring Academy news, events and member articles.
- **Environmental Engineer and Scientist** The quarterly periodical of AAEES.
- **Who's Who in Environmental Engineering and Science**
Online Directory of BCEEs, BCEESs, BCEEMs, and other AAEES members.
Available exclusively to AAEES members.



Types of Membership

Board Certified	Non-Board Certified	Students
<p>BCEE Board Certified Environmental Engineer, with a PE license</p> <p>BCEEM Board Certified Environmental Engineering Member</p> <p>BCES Board Certified Environmental Scientist</p> <p>Board Certification Page</p>	<p>AAEES Member</p> <p>Practicing in the field, but not yet Board Certified.</p> <p>(Generally aspiring to be board certified)</p> <p>Must be approved by the board</p> <p>AAEES Member Web Page</p>	<p>Student Member</p> <p>A student currently enrolled in an accredited Environmental Engineering or Science degree program</p> <p>Student Member Web Page</p>



Certification Requirements

Board Certified Environmental Engineer (BCEE)

- Licensed professional engineer engaged in environmental engineering.
- Written exam and peer review with at least eight years experience including four years of responsible charge beyond the baccalaureate degree.
- Written exam waived for candidates with more than 16 years experience

Board Certified Environmental Scientist (BCES)

- An individual engaged in environmental science.
- Written exam and peer review with at least eight years' post baccalaureate experience including four years in responsible charge.
- Written exam waived for candidates with more than 16 years experience.

Board Certified Environmental Engineering Member (BCEEM)

- Same requirements as BCEE but P.E. license not required.

Board Certification through Eminence

- Accomplished through a nomination process. Candidates may self-nominate or be nominated by an AAEEES member.
- Demonstrate a minimum of 20 years of experience in environmental engineering with at least ten of those years in a senior position. See aaees.org for full list of requirements.



Membership Requirements

Non-Board Certified Membership Requirements

AAEES Member

Minimum of a baccalaureate degree in environmental engineering (or related) or environmental science (or related) and currently practicing in the field or actively engaged in teaching.

Student Member

Enrolled and pursuing a course of study leading to a degree in environmental engineering or environmental science (or related branch of engineering or science.)

Free membership for one year following graduation.



Board Certified Environmental Engineer - Available Specialties

By obtaining certification, you demonstrate expertise through comprehensive written and oral examinations in one or more of the following specialties:

- Air Pollution Control
- Environmental Sustainability
- General Environmental Engineering
- Hazardous Waste Management & Site Remediation
- Industrial Hygiene Engineering
- Radiation Protection Engineering
- Solid Waste Management
- Water Supply and Wastewater Engineering



Board Certified Environmental Scientist Available Specialties

By obtaining certification, you demonstrate expertise through comprehensive written and oral examinations in one or more of the following specialties:

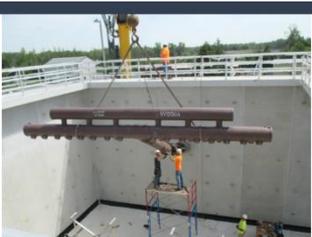
- Air Resources
- Environmental Biology
- Environmental Chemistry
- Environmental Microbiology
- Environmental Toxicology
- Air Resources
- Groundwater and the Subsurface Environment
- Hazardous Waste Management and Site Remediation
- Solid Waste Management
- Surface Water Resources
- Sustainability Science



Value and Benefits of Certification

Value of being a Board-Certified Member

 Credentials	 Pride	 Advancement	 Respect	 Comradery	 Learning	 Awards	 Service
<p>Highest level of credentials in environmental engineering and science, jointly recognized by the AAEEES Sponsoring Organization including: AIChE, A&WMA, APHA, APWA, ASEE, ASCE, AWWA, AEESP, NSPE, SWANA, WEF</p>	<p>Pride in accomplishment: proof of reaching highest honors in environmental engineering and science</p>	<p>Career advancement/marketability due to advanced credentials recognized throughout our industry</p>	<p>Enhanced technical respect among our peers and clients and for expert witness credentials. Name and credentials listed in Who's Who in Environmental Engineering and Science</p>	<p>Networking and comradery with most advanced technical leaders in our industry, providing many opportunities for shared learnings and relationship development</p>	<p>Access to leading-edge publications and live webinars provided by the AAEEES throughout each year</p>	<p>Annual prestigious awards program provides top tier peer recognition for individuals and teams for some of the most important environmental engineering and science projects in the world</p>	<p>Opportunity to provide service to our profession, helping to fulfill an important responsibility we all have</p>



Value and Benefits of Certification

Value to Organizations and Leaders

(by having BCEE and BCES staff on their teams)



Excellence

Demonstrates commitment to excellence



Cost Efficiency

Enhances project reliability, cost efficiency, profitability



Recognition

Achieves recognition by clients, regulators, public



Innovation

Improves environmental innovation and impacts



Recruitment

Supports “employer of choice” status



Awards

Annual awards recognition opportunity for organization and clients



Knowledge

Provides access to leading edge technical knowledge



Branding

Enhances sustainability and brand



Nurture

Encourages Opportunity to provide service to the profession



Value Proposition

A AMERICAN
ACADEMY
OF ENVIRONMENTAL ENGINEERS & SCIENTISTS®

Competitive Advantage
in Selection Process

Networking
*With the Profession's Most
Highly Qualified
Professionals*

Assures the Public of
**High Level
Expertise**

Peer
Recognition

Professional
Esteem

Improved Career
Success

Demonstration of Personal
**Commitment
to Excellence**

Individual
Projects & Awards

Changes the Corporate Culture to an
**Expectation of
Excellence**

Value Proposition (continued)

Some additional benefits of becoming Board Certified include:

- Opportunities to participate in advancing the state-of-the-art of the environmental engineering and science professions through participation in Academy committees
- Objective testimony to your special expertise and level of proficiency beyond that which is required to practice as a professional engineer (P.E. license not required to become a BCEEM or BCES)
- A biographical listing as Board Certified in [*Who's Who in Environmental Engineering and Science*](#)® - the recognized guide to the current leaders in environmental engineering and environmental science
- Participation in programs that encourage the hiring of Board Certified individuals through distribution of the [*Who's Who in Environmental Engineering and Science*](#)®
- Complimentary subscription to the [*Environmental Engineer and Scientist*](#), the quarterly periodical of AAEEs that focuses on environmental engineering and environmental science history, professional practice issues, and environmental policy
- Discounted entry fees for the annual [*Excellence in Environmental Engineering and Science*](#) competition, which provides public recognition of quality environmental engineering and attend all AAEEs webinars FREE of charge



How to Apply for Board Certification or Membership

If you think you may meet the **minimum requirements** to become Board Certified, you can get started by filling out an application today.

BCEE Application

BCES Application

Or if you don't qualify to become Board Certified but would like to become a AAEEES member, please visit our website at www.aaees.org or click on one of the following links...

AAEEES Member Application

Student Member Application



Contact Us

We would love to hear from you...

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