



American Concrete Institute
Always advancing

2023 Global Impact Report

ACI Annual Review



concrete.org

Overall Excellence Award Winner

Quay Quarter Tower
Sydney, NSW, Australia

View all winners at aciexcellence.org.



A Message from the President

First, I want to thank ACI’s global network of Chapters, members, International Partners, and Sponsoring Groups for furthering ACI’s vision in 2023: “ACI envisions a future where everyone has the knowledge needed to use concrete effectively to meet the demands of a changing world.” The world is now changing at an unprecedented rate, and what we do at ACI has a global impact. It is the “knowledge” that we generate and make available to others for the benefit, welfare, and safety of the public. We can offer a lot, but we can also receive a lot as well.

The learning aspect has undoubtedly been the best part of my presidency. I traveled to many countries during 2023, and it was remarkable to witness the eagerness of the practitioners, officials, academics, and students we met to share with us their activities, experiences, successes, dreams, and challenges. Everyone we met expressed a genuine desire to be involved and engaged with ACI, and the fact that we made the effort to visit their places made the difference.

Ultimately, what we do at ACI has an impact worldwide. Let’s continue working on the publication of critical documents with the help of our committees and members. Let’s strengthen our drive toward sustainability and productivity through our three Centers of Excellence: NEx, NEU, and PRO. And let’s develop and deploy more opportunities and tools for workforce education, training, and certification with the help of our three new Resource Centers.

More than ever, we need to be aware of the value and reach that the Institute has. We must strengthen our international position to be a trustworthy and competent contributor to the betterment of our industry for a safer, more resilient, and more sustainable world. I’m truly honored to help move ACI forward during this critical time.

Antonio Nanni

ACI President



A Message from the EVP

The American Concrete Institute’s 2023 Global Impact Report chronicles the high points and accomplishments of the past year, in fulfillment of our mission, and we are proud to share it with you. This snapshot report highlights the achievements that occurred in 2023 and provides insights into the programs, events, and strategies that keep ACI *Always advancing*.

On behalf of the Board of Direction, the professional staff, and the more than 32,000 ACI members, thank you for sharing your time, talents, and energy throughout 2023. You have set the table for us to scale even greater heights in 2024 and we are excited about what the future holds for ACI and our industry.

Frederick H. Grubbe, MBA, CAE

Executive Vice President



ACI Certification

In 2023, ACI Certification celebrated its 40th year of operation—a year punctuated by a surge in activity that will mark ACI Certification’s busiest year ever, with exam volume expected to exceed the previous record year by 20%. This level of industry support would not be possible without the administrative efforts of 136 ACI Sponsoring Groups driven by ACI’s advocacy activities and reinforced by ACI’s new Resource Centers.

Internationally, ACI Certification approved new Sponsoring Groups based in Indonesia, Kurdistan, Oman, and Saudi Arabia. Ongoing retooling of ACI Certification’s candidate preparation workbooks facilitated the rapid translation of the workbook CP-1, ACI Concrete Field Testing Technician—Grade 1, into Bahasa to support the launch of the program in Indonesia. This retooling is also resulting in more responsive maintenance of the programs available in Spanish.

Learn more at [acicertification.org](https://www.acicertification.org).



February 1983
Inaugural ACI Concrete Field Testing Technician – Grade 1 Program session conducted.

December 1993
Total participants tested exceeds 50,000.

March 2001
International Certification Subcommittee established to assist in making ACI Certification more accessible.

December 2003
Total participants tested exceeds 200,000.

October 2004
ACI Certification Award established to recognize individuals and organizations who have made notable contributions to the advancement of ACI Certification.

December 2014
Total participants tested exceeds 500,000.

October 2019
Board approves establishment of three ACI-staffed regional Resource Centers.

February 2023
After successful openings of the SoCal Resource Center (2020) and the Midwest Resource Center (2022), ACI’s third Mid-Atlantic Resource Center location is confirmed in Columbia, MD.

750,000+
Exams Administered

136
Sponsoring Groups Worldwide

27,000+
Certifications Issued Annually



ACI Resource Centers

ACI opened its third Resource Center in Columbia, MD, USA, in the third quarter of 2023. As with the Southern California and Chicago/Midwest locations, the ACI Resource Center – Mid-Atlantic provides access to ACI Education and training in an intimate environment on topics such as design, fundamentals, repair, slabs, and more, plus customized training and on-demand ACI Certification programs. Resource Centers are an ideal location to send recently hired or new-to-the-industry employees for onboarding.

With the opening of this third location, ACI services are within a 1-day drive to over 70% of the U.S. population. The Resource Centers are also positioned near international airports to further facilitate Sponsoring Group access for program orientation and examiner training/qualification sessions, ACI Certification Summits, and other industry meetings. ACI Resource Centers are truly *Your place to advance*.

Learn more at aciresourcecenters.org.



Resource Centers
Your place to advance

“ACI services are within a 1-day drive to over 70% of the U.S. population.”



2023 ACI Social Media Stats

300,000+
followers across
all platforms

5 million+
people reached by
ACI on social media

50,000+
interactions across
all platforms



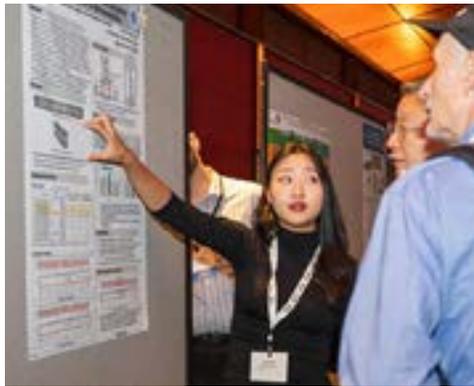
ACI Concrete Conventions



100+ Hours
of industry-leading
concrete knowledge

5,000+
convention attendees

Thousands of professionals and students from around the world convened at the 2023 ACI Concrete Conventions—first in San Francisco, CA, USA, in the spring, then Boston, MA, USA, in the fall. Known as the world’s gathering place for advancing concrete, the Conventions welcome researchers, practitioners, and leaders throughout the concrete industry to improve the design, construction, maintenance, and repair of concrete projects. Through a 4-day schedule of educational sessions, networking events, committee meetings, and student competitions, ACI Concrete Conventions provide 100+ hours of industry-leading concrete knowledge.



Spring 2024
New Orleans, LA, USA
March 24-28



Fall 2024
Philadelphia, PA, USA
November 3-7

ACI Code Advocacy

In 2023, South Carolina, Washington, Massachusetts, and Virginia adopted and now reference ACI CODE 562-21. These efforts would not have occurred without the support of state collaboration group members, ACI, and industry supporters. Similarly, early adoption efforts continued for state-level adoption of ACI CODE-440.11-22 and ACI-TMS CODE-122.1-21.

ACI Code Advocacy continues to work closely with our newest code committees to identify opportunities and develop strategies for the adoption of upcoming codes and standards. ACI Code Advocacy is also working with ACI technical committee members and staff to ensure that the timing for updates to current ACI codes and completion of new codes are coordinated with the national model codes development schedules. ACI Code Advocacy Engineers and ACI members are always actively participating on the committees of other standards organizations and federal agencies as well. Learn more at concrete.org/advocacy.



30,000+
Members
Worldwide

“ACI membership gets me close to all updates related to concrete, and since joining in 2012, I feel like a member in a large multicultural family interested in concrete.”
— Ali A.

Thank You, ACI Members!

The work of the Institute is made possible by ACI members across the globe, and your work is appreciated in keeping the Institute *Always advancing*. Through continued dedication, you are the reason ACI is a global leader in providing knowledge on concrete materials, design, construction, and repair.

ACI Chapters Grow in 2023

This year, ACI connected with over 150 chapter officers through events such as World of Concrete, Leadership Training, and the spring and fall Roundtables. Thirty-one new Student Chapters, two new Professional Chapters, and two new Interest Groups were also formed.



International Activities

ACI Workshop in Morocco

In May 2023, ACI, in conjunction with the Moroccan Association of Concrete Industry (AMIB), hosted a workshop, “ACI Resources for Enhancing Quality Infrastructure,” in Casablanca, Morocco. A memorandum of understanding that will lead to sustainable developments and new avenues for the local concrete industry was also signed.



In late 2023, ACI hosted a successful workshop in Oman with the ACI Oman Chapter, participated in the Big 5 Global and COP28 in Dubai, and held a Code Summit in Saudi Arabia.



This year we formed two new interest groups in Cuba and Morocco, and two new professional chapters in Bangladesh and Western Indonesia.

24 Hours of Concrete Knowledge

In July 2023, ACI hosted the third 24 Hours of Concrete Knowledge Conference along with ACI International Chapters and Partners. The free conference brought together more than 700 attendees from 64 countries to learn about the latest concrete-related research, innovations, and interesting projects from various regions.

International Code Advocacy

In 2023, there were significant developments in international markets for code and standards adoption led by Saudi Arabia adopting ACI CODE-440.11-22 and updating their building code to ACI CODE-318-19(22). Also, government officials in Ecuador, El Salvador, Morocco, and Bangladesh have indicated that they are interested in formally adopting ACI CODE-318-19(22).



ACI Middle East Conference

ACI, along with the ACI Saudi Arabian Chapter – Eastern Province, co-hosted the ACI Concrete Conference on Codes, Standards, and Best Practices in Riyadh, Saudi Arabia, on November 28-29, 2023. The 2-day conference brought together over 200 engineers, architects, researchers, suppliers, producers, and academics to exchange their experiences and discuss innovative and emerging technologies in the concrete industry. Learn more at concrete.org/middleeast.

ACI Foundation

ACI established the ACI Foundation in 1989 as part of its commitment to support students' education, research, and innovation throughout the concrete industry. Through contributions from industry partners and individual supporters, the ACI Foundation awards fellowships and scholarships to high-potential students in concrete-related undergraduate and graduate degree programs; offers research grants to expand the knowledge and sustainability of concrete materials, construction, and structures; and nurtures innovative solutions to advance emerging and mature technologies.

33
scholarships & fellowships
given to deserving
students in 2023

11
new concrete research
projects funded in 2023



Help the ACI Foundation build the future by contributing today. Visit acifoundation.org/giving or scan the QR code.

Advancing Organizational Excellence (AOE)

With roots dating back to 1990, Advancing Organizational Excellence (AOE), an ACI subsidiary, provides association management as well as operational and marketing consulting services.

AOE is the leading concrete and building industry resource for management, marketing, and business operations needs. The team offers industry-unique expertise through the following practice groups: Sustainability, Crisis Communications, Public Relations, Social Media, and AI.

AOE differs from other consulting firms not only in its mission to serve the unique needs of the concrete and building industry but also for its commitment to invest all profits back in the industries it serves. This impact can be seen in the form of scholarships, fellowships, and training, to sponsoring your events and activities—paving the way for your future leaders—and ensuring you have the funding to reach your members and target clients. In the last 5 years alone, AOE has reinvested more than \$750,000 in the design and construction industry. Learn more at aoeteam.com.



Improving Concrete Construction Productivity



PRO: An ACI Center of Excellence for Advancing Productivity was launched by ACI in 2023 as a catalyst for solving the barriers to constructability to advance concrete construction productivity.

Key activities include a Strategic Planning Workshop at ACI World Headquarters in July 2023 and sponsorship of Advancing Productivity Day at the Fall 2023 ACI Concrete Convention in Boston, MA, USA. Both events provided opportunities for top leaders in the industry to collaborate, share, and begin to shape how PRO will work to improve productivity in the concrete construction sector.

PRO is also pleased to have welcomed its first members: Ceko Concrete Construction, LLC, and The Conco Companies in September 2023. Both organizations have joined PRO as Silver Members.

To learn more about PRO and get involved, visit concreteproductivity.org.



PRO and its members aim to advance new technologies and processes that improve concrete construction productivity beyond historic levels.

NEU Educates the Industry



During NEU's first Summit on Accelerating Carbon Neutral Concrete Materials and Technologies, representatives from the U.S. Environmental Protection Agency, the U.S. Department of Energy, the Federal Highway Administration, and the National Institute of Standards and Technology were among the attendees at this groundbreaking event, along with NEU members and industry association representatives.

NEU also held its first Carbon Neutral Concrete Specialty Day with sessions by well-known industry presenters at the Spring 2023 ACI Concrete Convention. Additionally, one of the most exciting NEU accomplishments is the development of a Validation/Verification Program for technologies for low-carbon concrete.

Along with these milestones, membership has continued to grow! Meta and Breakthrough Energy are Sustaining Members, and Baker Concrete Construction is a Supporting Member. Affiliate Members include Ash Grove, AtlantisFiber, AOE, ACI Foundation, CarbiCrete, CarbonBuilt, ceEntek, Ecocem, Heidelberg Materials, Ozinga, StoneCoat, and PrimX. Allied Organizations include ASTM

International, Federación Interamericana del Cemento, ICC Evaluation Service, National Ready Mixed Concrete Association, CP Tech Center at Iowa State University, Portland Cement Association, Slag Cement Association, California Nevada Cement Association, and Carbon Zero Youth Initiative.

To learn more about NEU, visit neuconcrete.org.



NEx Expands Global Collaboration on Nonmetallics



With the growing need for sustainable materials and cost-effective solutions, NEx: An ACI Center of Excellence for Nonmetallic Building Materials was established by Founding Members ACI and Aramco Americas. NEx, being the first established Center of Excellence, aims to collaborate globally on the use of nonmetallics to drive research, education, awareness, and adoption. NEx's mission is to help reduce the carbon footprint, improve sustainability, and support innovation.

“This new Center of Excellence for Nonmetallic Building Materials offers enormous and exciting opportunities.”
—Ahmad A. Al-Sa’adi,
Aramco

As NEx enters its third year of operations, the following are 2023 highlights:

- Several new members joined NEx this year, bringing the total to 13 member companies who truly form a large hub for collaboration. Members include: ACI, Aramco, ExxonMobil, MST-BAR, Owens Corning, GatorBar, Galen Panamerica, Dextra Group, Creative Composites Group, IKK Mateenbar, CompKing, Strongwell, and Röchling.
- NEx established strong allied organization partnerships by signing 11 memoranda of understanding.
- Funding was secured for 32 projects in 2022 and 2023, and NEx is working to fund an additional 30 projects in 2024 with total funding exceeding \$2 million. The funding was independently secured from the NEx Sustaining Member Aramco Americas.
- Several documents were published by NEx that support nonmetallic and composite materials.
- Many awareness and training events are actively being developed to support the building and construction community.

As NEx ventures out on its accelerated journey to support the construction industry, you are welcome to collaborate and engage with us. To get involved, visit nonmetallic.org.

ACI Financial Position

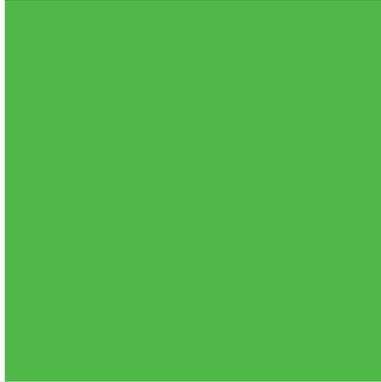
ACI holds a strong financial position, with assets and reserves that exceed accepted operational guidelines and with diverse sources of revenue that aid in weathering changes in the economy. Because of this, ACI was able to maintain its programs and mission through the COVID-19 pandemic and recovery and is expected to have positive net income in 2023.

ACI's system of financial controls is robust, with a strong internal finance group, a standing independent Financial Activities Committee (FAC) that meets throughout the year to review the Institute's finances and investments, and annual external audits. The actions of ACI's investment manager are closely monitored by our EVP, financial staff, and the FAC.

Importantly, ACI's staff and Board of Direction make a point to ensure that our finances support our organizational mission. Through Financial Impact Statements and associated proposals approved by the Board, ACI uses our financial assets to promote programming, support new initiatives, and underwrite projects that expand the reach and effectiveness of the organization.

Matthew R. Sherman

Chair of the ACI Financial Activities Committee



American Concrete Institute
Always advancing

Always advancing – The American Concrete Institute, founded in 1904, is a leading global authority for the development, dissemination, and adoption of its consensus-based standards; technical resources; and educational, training, and certification programs. ACI has over 94 chapters, 244 student chapters, and 30,000 members spanning over 120 countries.

www.concrete.org

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@concreteaci



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ACI Resource Center – Chicago/Midwest

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