

IN THE NEWS

CIM program appoints Maher interim executive director

The National Steering Committee (NSC) for the Concrete Industry Management (CIM) program has appointed Nicole Maher, the former chief operating officer at the National Ready Mixed Concrete Association (NRMCA), the interim executive director. Maher officially assumed her new role on May 1, 2024, succeeding Rex Cottle, who has led the NSC since July 2022.

Maher brings a wealth of experience and a track record of leadership within the concrete industry. In addition, she has served as the secretary/treasurer for the NSC since 2013.

—Source: CIM



Nicole Maher

C-Crete pours first basalt-based concrete

C-Crete Technologies has deployed the world's first basalt-based concrete. The March 14, 2024, pour at 7200 Woodlawn in Seattle, Wash., was for a 20-ton (18-tonne), slab-on-grade outdoor concrete foundation for a loading dock stem wall and partial ramp replacement using basalt as the primary binder, entirely replacing portland cement.

This pour builds on previous successful pours at the same building, called Hubbard's Corner, bringing the total to about 140 tons (130 tonnes) of C-Crete's cement-free concretes, each employing a distinct feedstock, such as zeolite or basalt.

Basalt is primarily composed of silicon, aluminum, and calcium, three of the most abundant elements on the planet. In terms of volume, it is more abundant than the limestone

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used for manufacturing portland cement, but unlike portland cement—which contributes to about 8% of global carbon dioxide emissions due to the chemical processes and high heat needed to turn limestone into cement powder—basalt is a naturally occurring, noncarbonate rock that can be ground into cement powder, effectively eliminating the environmental concerns of production.

Moreover, the curing process of basalt-based concrete captures carbon dioxide from the atmosphere, further enhancing

its eco-friendly profile.

The basalt-based concrete has compressive strength exceeding 5000 psi (34,000 kPa), and it demonstrates a pumpability, workability, setting time, and surface finish akin to conventional concrete while meeting ASTM International standards for mechanical and durability properties, which has been verified by independent third parties. It achieves also maintains cost-parity with conventional concrete.

—Source: C-Crete Technologies

INDUSTRY CALENDAR

Event details are subject to change.

Bridge Engineering Institute BEI-2024 Conference Las Vegas, Nev.	July 22-25, 2024
Sixth Bridging Transportation Researchers Conference online	August 7-8, 2024
Fourth International Conference of International Society for Intelligent Construction Orlando, Fla.	September 9-12, 2024
fib International Conference on Concrete Sustainability Guimarães, Portugal	September 11-13, 2024
PTI 2024 Committee Days Cancun, Mexico	October 1-4, 2024
ASCE 2024 Convention Tampa, Fla.	October 6-9, 2024
ASBI 36th Annual Convention Loews Atlanta Hotel, Atlanta, Ga.	October 20-23, 2024
ACI Concrete Convention Marriott Philadelphia Downtown, Philadelphia, Pa.	November 3-6, 2024
fib Symposium 2024 Christchurch, New Zealand	November 11-13, 2024
Greenbuild 2024 Pennsylvania Convention Center, Philadelphia, Pa.	November 12-15, 2024
ACI Concrete Convention Sheraton Centre Toronto, Toronto, ON, Canada	March 30-April 3, 2025
SEI Structures Congress 2025 Phoenix, Ariz.	April 9-11, 2025
PTI Convention Phoenix, Ariz.	May 4-7, 2025
fib Symposium 2025 Antibes, France	June 16-18, 2025
PTI 2025 Committee Days Cancun, Mexico	September 30-October 3, 2025
ACI Concrete Convention Hilton Baltimore & Marriott Baltimore Inner Harbor, Baltimore, Md.	October 26-30, 2025
fib Congress 2026 Abu Dhabi, United Arab Emirates	March 27-April 3, 2026

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