



**BUILD WITH
STRENGTH**

EXECUTING LOW CARBON CONCRETE SYMPOSIUM

Toftrees, 1 Country Club Lane, State College, PA
May 15, 2024 | Capacity 100 people



Registration \$50*

**(Includes breakfast, lunch,
and resource THUMB Drive)*

HELP ACCELERATE THE USE OF LOW-CARBON CONCRETE

Join us for a one-day symposium on resilient building design, where architects, engineers, and contractors will explore the integration of Zero Energy and Resilient Construction methods for sustainable communities. In an era marked by climate challenges, this event focuses on innovative approaches that fortify structures against disaster while promoting energy independence. Discover how resilient construction, combined with energy-efficient design and robust materials aligns with sustainability principles, offering a balanced solution for durability, energy efficiency, and disaster resilience. Come collaborate to envision a future where buildings actively contribute to environmentally conscious and sustainable communities.

WHO SHOULD ATTEND

Architects, engineers, general contractors, facility managers, building decision makers, owners and developers interested in learning about the economic benefits of building more sustainable structures. **Six (6) continuing education credits will be available.**

THIS DISCUSSION WILL EXPLORE

- Emerging trends in construction from a business perspective for designers, owners and developers.
- Innovations in concrete construction.

AGENDA

7:30 AM: Registration.

8:15 AM: Welcome & Introductions.

8:30 AM: PACA Presentation – Sustainable Concrete in Pennsylvania (.5 PHD)
(Susan Armstrong – PACA).

9:00 AM: Developing and Building with ICF (Nudura) (1 PDH).

10:00 AM: EPDs Made Easy – NRMCA (Matt Lemay) (1 PDH).

11:00 AM: Type IL Cement – Clayton McCabe, Argos Cement, a Summit Materials company. TBD – Buzzi Unicem USA (1 PDH).

12:00 PM: Lunch – Solutions to Lower Your Carbon Footprint
(Heidelberg Materials – Dominic Giovannucci) (1 PHD).

1:00 PM: How to Measure – NRMCA Concrete Carbon Calculator Tool, the use of an implementation of Environmental Product Declarations (EPDs) and utilizing CTAC/Concrete Testing Adherence Collaboration. Ken Crank (PACA)/Frank Mruk (NRMCA) (1 PDH).

2:00 PM: Building with Sustainability in Mind (1 PDH)

Low Carbon Concrete

PSU College of Engineering Research & Teaching Space

Centre Concrete – Rory McCoy

PSU – Facility Management

Whiting Turner (TBD)

UPMC – Mercy Center and EPD and the Concrete Producer

Bryan Materials – Justin Bryan

3:00 PM: Adjourn.

Questions? Contact kallie@pacaweb.org

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