



Volume – 40, Issue – 3, March 5, 2024

March Meeting Announcement

Topic: Ever Changing Nature of Cementitious Materials for Use in Portland Cement Concrete

Discuss the recent developments and industry trends of materials used in traditional Portland cement to enhance the sustainability and performance of concrete. The focus would be on the research and application of low carbon cementitious materials and alternative pozzolans, exploring how these components are relevant in the state of Florida. This work will cover some technical aspects of various alternative pozzolans, such as fly ash, silica fume, and other industrial by-products, highlighting their roles in improving concrete properties. The presentation serves as a comprehensive overview of the state-of-the-art in sustainable concrete technology, encouraging further research and adoption of eco-friendly materials in construction project.

Speaker: Christopher Ferraro, Ph.D, P.E., FACI

Chris is an Associate Professor of Civil and Coastal Engineering at the University of Florida. His research has focused on reduction of anthropogenic carbon-dioxide produced from the manufacture of portland cement concrete through recycling, use of alternatives and novel materials. He is an internationally recognized expert in alternative supplementary cementitious materials, non-destructive testing, concrete durability, and mass concrete construction. He is heavily involved in the American Concrete Institute (ACI) (Fellow awarded 2017) and is the current vice chair of the 323 Low Carbon Code Committee.

Date: March 21, 2024

Location: Terracon Consultants, Inc.
8001 Baymeadows Way, Suite 1
Jacksonville, FL 32256

**Time: 5:15 pm Registration & Social
5:45 pm Dinner & Presentation**

**Cost: \$25 for members, \$35.00 for non-members.
Students can attend for free.**

Please RSVP by noon on March 19, 2024 so we can reserve your spot.

Contact: Bob Cords at 904-528-7745 or E-mail Bob at Bob.Cords@terracon.com

Other News:

- Please consider your membership for 2024 if you have not done so.
- April meeting “Concrete Fastening 101” presented by DeWALT. This will be a longer program, lasting 1½ hrs, so please plan accordingly.