

-PRESS RELEASE-



Purdue University's CEM EPCom Partners with BAMI-I, WTC-Indy & IIS to develop a 1-day track in Dubai on developing underground space and asset management.

International Conference on Building Materials and Construction Technologies (BMCT) will be held on April 06-08, 2021 in Dubai. The theme of the conference is “Explore the latest innovations in Building Materials and Civil Engineering”. BMCT Dubai 2021 primary objective is to exchange ideas and experiences directly with the speakers and also provide various networking opportunities. The Civil Engineering conference is going to provide a great opportunity for the people who are interested to be as an entrepreneur in the field of construction. BMCT Dubai 2021 will create a premier interdisciplinary platform for all Civil Engineering professionals and students to give presentations and discuss the most recent innovations, trends, and concerns, as well as practical challenges, encountered and solutions adopted in the field of Civil Engineering.

World Trade Center Indianapolis (WTC-Indy), Construction Engineering and Management Purdue, Buried Asset Management Institute – International (BAMI-I), and International Infrastructure Solutions (IIS) will be coordinating a 1-day track on the Development of Underground Space & Asset Management in conjunction with the BMCT Conference in Dubai.

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Construction almost always begins without a 100 percent complete design. Sometimes this is because of policy decisions by a project owner regarding percentages of planning versus design versus construction fees. Sometimes this is because of site-specific variables that are unknown or uncertain to the designer. Sometimes it is a project timetable issue. Regardless of the reasons, without

The banner for BMCT Dubai 2021 features the following text and logos:

- International Conference and Exhibition on Building Materials and Construction Technologies**
- Supportive Organizations**
- BAMI-I** (Buried Asset Management Institute - International)
- ISI** (International Infrastructure Solutions, LLC)
- IIS** (International Infrastructure Solutions, LLC)
- WORLD TRADE CENTER INDIANAPOLIS**
- PURDUE UNIVERSITY**
- April 06 - 08, 2021**
- Dubai, UAE**
- More details @ <https://bmctdubai.org/>**
- BMCT Dubai 2021**

a complete design, safety factors that could be addressed in design may not be. Additionally, engineers may not wish to take on construction safety issues in their design especially if they have no responsibility for managing the construction.

One aspect of construction safety that traditionally straddles the design-construction world is that of existing utilities. Although we have mandated One-Call (811) damage prevention statutes that put the onus of working safely around existing utilities on the constructor and utility owner, engineers can, and should, play a larger role in incorporating knowledge and investigation of the existing project conditions, including utilities, into their design. After all, the engineers' mandate is to protect the public health, safety, and welfare. All three of these items are impacted by existing utilities and should not be expressly disclaimed without good reason.

On Nov 2, 2020 the EPCom (Engineering, Procurement, Construction, Operations and Maintenance) Consortium at Purdue conducted the first webinar on the "Safety: Intersection of the Design & Construction". More than 200 individuals attended this webinar. EPCom provides

a resource for advancing project life-cycle management through utilizing an industry/university consortium. This Safety Webinar looked at utilities throughout the life-cycle of a project. It looked at traditional actions by the various stakeholders (Utility Owners, Project Owners, Engineers, Surveyors, and Contractors) in providing safety for existing utilities, and how that safety can be enhanced through engagement of risk management principles during the planning, design, and construction phases of a project. This was the 1st of a Purdue Safety Webinar (PSW) series. EPCom plans to offer one every other month.

Due to the holidays coming up, the next one will be on January 11, 2021. The CEM (Construction Engineering & Management) was established in the College of Engineering at Purdue University over 40 years ago to prepare leaders in construction engineering to produce successful projects. This means safety must be top priority. In addition, it is important to continuously learn about emerging technical and management solutions; therefore, the CEM program plans to produce a PTW (Purdue Technical Webinar) series similar to the PSW series. The first PTW is planned for February 8, 2021. 

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