

-PRESS RELEASE-

BAMI-I

Buried Asset Management Institute - International

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. †

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)

WORLD TRADE CENTER INDIANAPOLIS

PURDUE UNIVERSITY
Construction Engineering and Management

April 06 - 08, 2021
Dubai, UAE

More details @ <https://bmctdubai.org/>

BMCT Dubai 2021

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-PRESS RELEASE-



Construction Engineering
and Management



Respond to Industry Demands by Providing 3 Utility Investigation School (UIS) Programs in 2021 at:

8th UIS: Date: May 24-28, 2021

Location: Louisiana Tech University

9th UIS: Date: August 9-13, 2021

Location: Lawrence Technological University

10th UIS: Date: September 13-17, 2021

Location: Purdue University



Course Director

Tom Iseley, Ph.D., P.E., Dist. M. ASCE, PWAM

*Professor of Engineering Practice
Beavers Heavy Construction Distinguished Fellow
Construction Engineering and Management
Purdue University
Chair, BAMI-I Board of Director
Professor Emeritus, Louisiana Tech University*



Course Developer & Primary Instructor

Jim Anspach, PG(r), Dist. M. ASCE

*ASCE/UESI President 2018
Member-EJCDC, TRB Utility Committee
Chair ASCE -38
J.H. Anspach Consulting*

Background:

Existing utilities are at varied depths, in varied soils, made of different materials, are varied sizes and have varied access. The importance of accurately locating and depicting existing underground utilities comes more obvious each day to ensure successful construction projects. It has been reported that at least 70% of projects experience delays and budget overruns due to utility conflicts. The 2019 Common Ground Alliance (CGA) Technical Report cited an upward trend in total damage from 509,000 in 2018 to 532,000 in 2019, representing a 4.5 percent increase. Inaccurate utility information means increased risk of utility hits. It is important that underground infrastructure industry realize that the continued increase in the number of subsurface utility hits is unacceptable. Late utility relocation raises public safety risks due to longer-lasting work zones and exposure to worker strikes and striking a utility line occurs every minute somewhere in the USA. We must have an industry paradigm shift to reverse this trend. The industry is experiencing too much property damage and loss of lives. The sponsoring organizations have responded to this crisis by offering the three 5-day UIS.

Objectives:

These UIS programs are intended to address the two critical performance goals of ASCE 38:

- How can a project be designed so as to have minimal utility issues during project development, and
- How can the professionals protect themselves against utility-related claims.

Deliverables:

Each UIS will provide attendees the knowledge and tools to provide competent utility investigations in accordance

with accepted national standards. The course covers geophysics, utility systems construction and configuration, ASCE 38 risk-based presentations and professional liability issues. In addition to the classroom lectures, practical session will be held where participants will offer hands-on experience with the Ground Penetrating Radar (GPR), Pipe Cable Locator (PCL), and etc.

This 5-day school has been designed for:

- Engineers and surveyors and project managers providing deliverables that include results and depictions of utility investigations.
- Consulting engineers, Employees of utility companies, state DOTs and local highway agencies, regulatory agencies, local governments, etc.

Jim Anspach, Founding Governor of ASCE's Utility Engineering and Surveying Institute, and Chair of ASCE-38, has a special role in the development of this school. Jim is a special advisor and instrumental in developing the curriculum and identifying the best instructors. "ASCE has recognized that Utility Engineering is a missing task discipline from our educational curriculum. One important aspect of that discipline, Utility Risk Management for Projects, is embodied in part through the use and proper application of the ASCE 38 Standard. Yet all too often, there is no avenue to learn the principles that govern the use of this standard," says he. "I am delighted that TTC and ASCE initiated this series of educational opportunities for those professionals and others under their direct responsible charge. It has been exciting to see how BAMI-I and Purdue have joined in to expand these efforts."

At the end of this short course, students will receive 4 CEUs /40 PDHs and a Certificate of Completion.

For more information, please contact Dr. Tom Iseley: diseley@purdue.edu