The Top 10 Innovations in Trenchless Technology

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November 4, 2016
1:30PM
HAMP 3153

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Abstract

The trenchless industry has been very dynamic and expanding rapidly for about 30 years. This presentation will describe the top 10 innovations which have shaped the ability to install new pipelines and cables underground with minimum disruption and destruction to society and the environment.

Dr. Tom Iseley has over 35 years of experience in the planning, design, and construction of underground infrastructure systems. From 1982, he served on the faculty of Mississippi State University, Purdue University, Louisiana Tech University, and as chairman of the department of Construction Technology at the Purdue University School of Engineering and Technology in Indianapolis.

In 1989, Dr. Iseley established the Trenchless Technology Center (TTC), an industry/university cooperative research facility, at Louisiana Tech University and served as director for 5.5 years and director of development for 2 years. He returned to Louisiana Tech & TTC on July 1, 2014.

He is a founding director of the North American Society for Trenchless Technology (NASTT). Also, in 1993, Dr. Iseley was selected as the Trenchless Technology Magazine’s Person of the Year. He received the ASCE 1995 John O. Bickel Award and the 1999 Stephen D. Bechtel Pipeline Engineering Award. In 2016, he was selected as the MVP by the UTCA.

Dr. Iseley holds a B.S. degree in Civil Engineering and an M.B.A. degree from the University of Alabama in Birmingham and a Ph.D. degree in Civil Engineering from Purdue University.