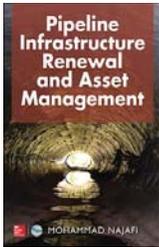


CURRENTLY @ CUIRE

New Book: Pipeline Infrastructure Renewal And Asset Management



Available from McGraw-Hill Professional at <http://www.alibris.com/Pipeline-Infrastructure-Renewal-and-Asset-Management-Mohammad-Najafi/book/32138120> and other book sellers, this practical resource, sponsored by NASSCO, covers the latest methods to manage, value and estimate the life and cost of pipeline infrastructure assets. Featuring detailed illustrations, case studies and examples, this comprehensive guide offers step-by-step instruction on pipeline planning, repair and renewal. The book's author, Dr. Mohammad Najafi of the University

of Texas-Arlington (UTA), is a highly experienced author and infrastructure engineer.

Readers will receive a thorough coverage of asset valuation, financing, depreciation and inventory management techniques. Throughout the publication, asset management methods are provided for the full range of building materials and for water, sewer and pressure pipelines. *Pipeline Infrastructure Renewal and Asset Management* offers technical, as well as managerial information, and presents ready-to-use best practices for asset administration, budgeting and inspection. Pipeline life expectancy, renewal technologies, government standards and social issues are also explained in full detail.

This comprehensive book explains inspection and inventory methods for water, sewer and pressure pipelines.



Portuguese Translation Of Trenchless Technology Book Published In Brazil

In June, the Brazilian Association of Sanitary and Environmental Engineering (ABES), in partnership with the Brazilian Association of Trenchless Technology (ABRATT), held a one-day workshop and book-signing event in Sao Palo for the Portuguese translation of Dr. Najafi's book, *Trenchless Technology: Planning, Equipment and Methods*, published by McGraw-Hill in 2013.

More than 200 engineers and contractors attended this event. An additional 50 professionals on the waiting list could not attend due to space limitations. The workshop was chaired by Sérgio Palazzo, director of ABRATT, which is part of the International Society for Trenchless Technology. During the workshop, Najafi presented on UTA's Center for Infrastructure Research and Engineering's (CUIRE) experience with university/industry collaborations. After the presentations, a reception with a book-signing event featuring Najafi was held. It is hoped that publication of the book will enhance the quality of trenchless projects in Brazil.



CUIRE To Hold 15th Annual Engineering, Inspector Schools In Fort Worth

CUIRE will hold its 15th annual trenchless technology inspector training and certification schools Jan. 29-30, 2017, in conjunction with the Underground Construction Technology International Conference & Exhibition at the Omni Hotel in Fort Worth, TX. This year's program includes a full-day of Geotechnical School, as well as a one-day Advanced HDD School. Attendees may register for any of the following half-day sessions:

Jan. 29, 2017 - morning

- **Geotechnical School** – Geotechnical requirements for both trenchless and open-cut applications, soft soils and rock investigations methods, and how ground conditions will impact trenchless feasibility and productivity.
- **Pipe School** – Applications, advantages and limitations of each type of pipe, such as steel, ductile iron, vitrified clay, PVC, HDPE, fiberglass, etc., and new developments in pipe materials and joining systems.

Jan. 29, 2017 - afternoon

- **Geotechnical School** – Planning, geotechnical reporting and contracting requirements for trenchless technologies in different ground conditions.
- **Mud School for Trenchless Technology** – This session will cover everything attendees need to know to properly mix and apply drilling fluids for trenchless applications, including spoil removal and lubrication applications.
- **Horizontal Auger Boring and Pipe Ramming School** – Planning, design, construction of conventional pipe jacking and horizontal auger boring, along with pipe ramming.

Jan. 30, 2017 – morning

- **Advanced Horizontal Directional Drilling (HDD) School** – Planning and design of large, mid- and small-size HDD projects from inception to closeout and delivery. The school will include talks on pipe loads, bore planning, drilling fluids and case studies.
- **Pipe Lining and Renewal School** – Topics include CIPP and pipe lining methods. The school will also cover planning, design, construction, inspection and QA/QC.

Jan. 30, 2017 – afternoon

- **Advanced Horizontal Directional Drilling (HDD) School** – The second part of this session will include construction projects of all sizes, plus tracking, locating and case studies.
- **Pilot Tube and Microtunneling School** – This school will emphasize planning, design and construction of pilot tube microtunneling, and will include case studies.

Attendees will receive a PDF copy of all presentations on a USB drive. Limited space is available, so early registration is recommended. For more information, contact CUIRE at (817) 272-9177 or email niloofer.rezaei@uta.edu. More information will be provided at www.cuire.org and www.uctonline.com.

South Central NASTT Chapter, CUIRE To Present Trenchless And Pipe Conference



On Tuesday, Aug. 23, the newly formed South Central Chapter of NASTT will hold a one-day

trenchless technology and pipe conference in collaboration with CUIRE on the campus of UTA. The program will start at 8:30 a.m. with welcome presentations, followed by two technical presentations: New Installations and Pipeline Renewal/Replacement.

Other technical presentations cover horizontal directional drilling (HDD), microtunneling, pipe jacking, pipe ramming, different types of pipes, cured-in-place pipe (CIPP), sliplining, pipe bursting, pilot tube, spray-in-place pipe (SIPP) and manholes. There will be a keynote presentation during the lunch. Ditch Witch will provide a simulator so attendees can see how an HDD rig works. The lunch and refreshments are sponsored by Hammerhead and Hobas Pipe USA.

Reduced registration fee is provided for public officials (\$50), and design/consulting engineers and contractors (\$75). Full-time students with valid student ID can register for free. Limited exhibit tables are available for \$500 and two attendees can register with this payment. Attendees will receive a PDF copy of all presentations on a USB drive, as well as seven PDHs (0.7 CEU).

Limited space is available, so early registration is recommended. For more information, including reduced rate for hotel reservation (Hilton Arlington), visit www.isuft.com, call CUIRE at (817) 272-9177 or email Niloofar Rezaei at niloofar.rezaei@uta.edu.

CUIRE To Hold 7th International Conference On Underground Freight Transportation

CUIRE, in conjunction with *Underground Construction* magazine and the International Society for Underground Freight Transportation, will hold a three-day symposium Aug. 22-24, at UTA. In addition to the United States, speakers include experts from Brazil, Italy, China, Germany, UK, Canada, the Netherlands and other countries.

The results of CUIRE research in underground freight transportation will be presented in detail and plans for future research will be discussed. Participation from public agencies, the engineering community and academia is encouraged. The symposium will start on Monday, Aug. 22, at 8 a.m. and will conclude with a technical tour at noon on Wednesday, Aug. 24. Lunches and refreshments, a networking reception on Monday evening, and dinner on Tuesday are provided for attendees and speakers. Attendees will receive a PDF copy of all presentations on a USB drive and will receive 18 PDHs (1.8 CEUs).

Full-time students with proper ID can register with reduced rate. Exhibit tables are provided for \$500 and two attendees can register with this payment. Sponsorships for lunches, refreshments, networking reception and dinner are available.

The limited space is filling quickly, so prompt registration is encouraged. For more information, including reduced rate for hotel reservation (Hilton Arlington), visit www.isuft.com, call CUIRE at (817) 272-9177 or email to niloofar.rezaei@uta.edu.

ICPTT 2016 Successfully Held In Guangzhou, China

More than 400 people attended the International Conference on Pipelines and Trenchless Technology (ICPTT) 2016 held July 7 - 8, at Zhujiang Hotel and Convention Center in Guangzhou, China. Keynote and technical presenters came from the U.S., China, Germany, France and other countries.



A technical tour of the Herrenknecht manufacturing facility was held on July 9.

Attendees were able to see two 12-foot tunneling machines ready to be shipped to Dubai for the subway project. There were 25 companies exhibiting pipeline rehabilitation and inspection products and services, such as CCTV equipment, CIPP and manhole rehabilitation products. Additionally, Drillto Trenchless Company of China demonstrated two horizontal directional drilling rigs.

The next ICPTT conference will be held on October 2017 in Wuhan, China. For more information, contact Dr. Baosong Ma, director of the U.S. China Center for Trenchless Research and Development and a Professor at the China University of Geosciences in Wuhan: mabaosong@163.com.

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