

# International Congress on Underground Infrastructure, Water Management and Trenchless Technology



**7-8**  
**September 2017**  
Istanbul Medeniyet University

## **DRAFT PROGRAMME**

### **07 SEPTEMBER 2017 THURSDAY**

09:00 - 10:00	Registration
10:00 - 10:30	Opening Speeches Dr. Mücahit Namlı, YUPAM, Istanbul Medeniyet University Dr. M. İhsan Karaman, Rector, Istanbul Medeniyet University Dr. Mahmud Güngör, General Manager, DESKI Fatih Turan, General Manager, ISKI (TBC)
10:30 - 11:00	Sustainable Cities Water Indexes: Turkey's Case, Dr. Adem Esen, ISKI
11:00 - 11:30	Water Network SCADA System in Denizli, Dr. Mahmud Güngör, DESKI
11:30 - 12:00	Durability and Reliability of Large Diameter (16-in. and Larger) HDPE Pipe for Water Main Applications, Dr. Mohammad Najafi, University of Texas at Arlington
12:00 - 13:00	Lunch Break
13:00 - 13:30	Technological Methods on Repairment of Water and Sewage Systems and Their Social and Economical Acquisition, Cemalettin Kaleli, ISKI
13:30 - 14:00	Water Loss and Leakage Control in Water Supply and Distribution Systems in Turkey, Aslihan Korkmaz, SYGM
14:00 - 14:30	Water Leak Detection Instruments and Early Warning Systems, Abdullah Sarıkaya, Aykome
14:30 - 15:00	Collective Thinking Approach For An Enhanced Leak Detection System, Samer El Zahab, Concordia University
15:00 - 15:30	Networking Break
15:30 - 16:00	Demand for Trenchless Technology in Iran, Dr. Mohammad Reza Zare, University of Isfahan

- 16:00 - 16:30 Comparison of Trenchless and Open-cut Method for Construction of an Underground Freight Transportation (UFT) System, Amir Tabesh, University of Texas at Arlington
- 16:30 - 17:00 Multi-objective Optimization of a Gas Pipeline Network: An Ant Colony Approach, Dr. Adarsh Kumar Arya, University of Petroleum and Energy Studies

#### **08 SEPTEMBER 2017 FRIDAY**

- 09:00 - 09:30 Effect of Bentonite Injection Time on Microtunneling Frictional Forces, Dr. Mücahit Namlı, Istanbul Medeniyet University
- 09:30 - 10:00 New developments for Microtunnelling, HDD and Auger Boring, Bahadır Çınar, Herrenknecht AG
- 10:00 - 10:30 Increasing The Performance of Water Transmission and Distribution Network in Denizli, Dr. Mahmud Güngör, DESKI
- 10:30 - 11:00 Networking Break
- 11:00 - 11:30 Void Erosion Prediction Model for Sewer Pipelines, Khalid Kaddoura, Concordia University
- 11:30 - 12:00 Modelling Water Hammer Phenomenon with Radial Basis Function Collocation Method, Dr. Emin Çiftçi, Maltepe University
- 12:00 - 12:30 Risk Identification for Pipeline Installation by Horizontal Directional Drilling, Zahra Kohankar Kouchesfehani, University of Texas at Arlington
- 12:30 - 14:00 Lunch Break
- 14:00 - 14:30 Energy Efficiency, Renewable Energy and Energy Potential in DESKI, Dr. Mahmud Güngör, DESKI
- 14:30 - 15:00 Earth Pressure Distribution on a Flexible Pipe Covered with EPS Geofom Material, Emre Akinay, Austrotherm
- 15:00 - 15:30 GIS for Optimizing Extension in Existing Sewerage Networks Case Study: Kirkuk, Abbas Ismael Ali Mirdan, THK University
- 15:30 - 16:00 Networking Break
- 16:00 - 16:30 An Evaluation on The Planning of Pipeline System, Necati Gülbahar, Istanbul Gelisim University
- 16:30 - 17:00 Meric River HDD Crossing - Deepest Experience in Turkey, Yasin Torun, TSITT

\*Programme will be updated periodically.