

## **Collection and Compilation of Water Pipeline Field Performance Data**

### **WEBINAR AGENDA**

This webinar will provide the information related to the purpose of the research project to collect high quality field performance data on pipeline reliability for water pipelines of different materials, including cast iron, ductile iron, pretensioned concrete, reinforced concrete, prestressed concrete, steel, and thermoplastic. This project will also develop a database capable of efficiently storing the collected data and supporting studies and analysis of the performance of water pipeline infrastructure.

**The proposed 30-minute webinar will cover the following topics:**

- **Scope of the research work**
- **Water pipe performance parameters**
- **Data collection strategy and methodology**
- **Mapping data from various sources to standard format**
- **Database development and data management**
- **Data analysis and modeling platform development**
- **Data visualization for decision support**