

## **Managing Data for Municipal Assets**

DATE: March 27-31, 2017

COURSE CODE: AMAM03-17

LOCATION: Mississauga, ON

FEE: \$1,800

This course surveys topics related to the management of municipal asset data including the principles and best practices of data management, managing data throughout the asset's life cycle and extracting the most value for decision making in asset management, the importance of data standards, data systems, and integrating data with asset management plans.

### **Course Content**

- The business case for data management
- An overview of data management
- An overview of asset management
- The link between data management and asset management
- Data management functions
- Data details and the 7 questions of asset management
- Information and data systems
- GIS and spatial data
- An overview of data use case and data modelling
- Data management and strategies
- Management of physical assets: best practices in maintenance and maintenance data
- Risk: measuring and using data for failure analysis
- Measuring the state of your infrastructure
- Investment decision-making and prioritization
- Assessing and improving data management practices
- Business process mapping

### **Who Should Attend**

Middle and senior managers with responsibility for the management of municipal public assets.

### **Format**

For each topic, theory will be augmented with in-class mini-cases, individual assignments and group assignments to reinforce the reading and class material.

### **Evaluation**

Overall grade of 65%