

State-of-Practice Review of Infrastructure Asset Management Systems

PRESENTED BY: **CENTRE FOR ADVANCEMENT OF TRENCHLESS TECHNOLOGIES (CATT)**

February 7, 2018 | Mississauga Grand, 35 Brunel Road Mississauga



Wednesday February 7, 2018

8:00AM - 4:00PM

**BREAKFAST, LUNCH AND REFRESHMENTS
INCLUDED**

MISSISSAUGA GRAND
35 Brunel Road, Mississauga

**Also available via Live
Webcast!**

WORKSHOP OVERVIEW

The maintenance, rehabilitation, and replacement of aging municipal infrastructure is an issue of strategic importance because it has strong social, environmental, and economic implications. Over the past 10 years asset management systems have been evolving rapidly as cities across North America are faced with ever increasing legislative and regulatory requirements to develop and implement effective asset management systems. The objective of this workshop is to review the evolution of asset management practices in Canada and the USA and to provide an overview of some of the most commonly used municipal infrastructure asset management tools. Presentations will discuss the benefits and limitations of various approaches for the development and implementation of asset management systems. The workshop will wrap up with an expert panel to discuss challenges and opportunities and where the future of asset management technology and software is headed.

Schedule*

7:30 - 8:00 AM | Registration and Breakfast

8:00 - 8:15 AM | Welcome and Introduction

8:15 - 8:45 AM | **EVOLUTION OF ASSET MANAGEMENT - COMPARISON OF AM PRACTICES IN EUROPE, AUSTRALIA AND NORTH AMERICA**, *Mark Knight, CATT/University of Waterloo*

8:45 - 9:15 AM | **DEVELOPMENT OF ASSET MANAGEMENT PLANS BY INCORPORATING ISO 55000 AND ONTARIO'S INFRASTRUCTURE FOR JOBS AND PROSPERITY ACT/2015**, *Vanessa Chau, City of Brampton*

9:15 - 9:45 AM | **ASSET MANAGEMENT CAPABILITIES AND COMPETENCIES ASSESSMENT**, *Andy Whittaker, CH2M*

9:45 - 10:15 AM | **PROCESSING AND ANALYSIS OF CONDITION ASSESSMENT TO PRIORITIZE PIPELINES AND TO DEVELOP OPERATION/MAINTENANCE AND CAPITAL INVESTMENT PLANS**, *Courtney Kennedy, CH2M*

10:15 - 10:30 AM | NETWORKING BREAK

10:30 - 11:00 AM | **AM I DOING ASSET MANAGEMENT? IDENTIFYING THE HURDLES**, *James Burn, GMBLue Plan*

11:00 - 11:30 AM | **WHERE DO I STAND IN TERMS OF ASSET MANAGEMENT MATURITY? THE CHALLENGES FACING BOTH SMALL AND LARGE MUNICIPALITIES**, *Jeff Buchyns, Halton Region*

11:30 AM - 12:00 PM | **CASE STUDY: REGION OF PEEL STATE OF GOOD REPAIR REPORTING FOR WASTEWATER LINEAR ASSETS**, *Jeanne Thomsen, Region of Peel*

12:00 - 12:45 PM | LUNCH

12:45 - 1:15 PM | **ASSET MANAGEMENT 2.0 - FROM TECHNICAL TO TECHNOLOGY ADAPTIVE PLATFORM**, *TBD*

1:15 - 1:45 PM | **CASE STUDY: CITY OF WATERLOO IN-HOUSE DEVELOPMENT OF ASSET MANAGEMENT PROGRAM**, *Milos Posavljak/Cass Pavey, City of Waterloo*

1:45 - 2:30 PM | **CASE STUDY: SYSTEMS DYNAMICS APPROACH TO ASSET MANAGEMENT**, *Andre Unger, University of Waterloo*

2:30 - 2:45 PM | NETWORKING BREAK

2:45 - 3:15 PM | **CASE STUDY: FORECASTING FUTURE EXPENDITURES AND DEVELOPING CAPITAL INVESTMENT PLANS**, *Rizwan Younis, CATT/University of Waterloo*

3:15 - 4:00 PM | **OPEN FORUM - AM PRACTICE SHORT COMINGS AND WHERE THE FUTURE OF ASSET MANAGEMENT IS HEADED**

* Subject to modifications

Who Should Attend?

Consulting Engineers, Designers, Municipal Employees, Contractors, Field Technicians, Suppliers, etc. with An Interest In Municipal Pipelines and whom wants to keep abreast of Emerging Industry Trends.

Included

- Course Material
- Breakfast, Lunch, and Refreshment during Networking Breaks
- 0.7 CEUs

UNIVERSITY OF
WATERLOO

Registration Form

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Wednesday February 7, 2018, Mississauga Grand

UPCOMING CATT EVENTS

MICROTUNNELLING
FEB 20

RETURN ON INVESTMENT (ROI) FOR
PRESSURE PIPELINES CONDITION
ASSESSMENT
MAR-07

TRENCHLESS TECHNOLOGY ROAD SHOW
MAY 15/17

NAME: _____

TITLE: _____

COMPANY: _____

ADDRESS: _____

CITY: _____

PROV: _____

POSTAL CODE: _____

PHONE: _____

EMAIL: _____

EARLY BIRD REGISTRATION

RECEIVED BY: January 12

\$375/CATT MEMBER

\$550/NON-MEMBER

REGULAR REGISTRATION

RECEIVED: January 12 TO February 2

\$475/CATT MEMBER

\$650/NON-MEMBER

ON-SITE REGISTRATION

RECEIVED AFTER: February 2

\$575/CATT MEMBER

\$750/NON-MEMBER

Tax (HST 13%) \$ _____ Total \$ _____

LIVE WEBCAST

I would like to attend via LIVE WEBCAST

METHOD OF PAYMENT - PLEASE PICK ONE

INVOICE COMPANY

CREDIT CARD (MasterCard, VISA, American Express)

CARD #:

EXP: /

NAME ON CARD:

CVC:

CHEQUE (Payable to "University of Waterloo, Attn: Centre for Advancement of Trenchless Technologies")

THE CENTRE FOR ADVANCEMENT OF TRENCHLESS TECHNOLOGIES

(CATT) was established in 1994 to help municipalities address their buried infrastructure challenges using new and less disruptive trenchless construction methods and infrastructure asset management practices.

Since 1994 CATT has been recognized as an international leader in buried infrastructure construction, condition assessment, renovation and asset management.

For more information on CATT and member benefits visit www.catt.ca.

COMPLETED REGISTRATION FORMS CAN BE FAXED TO (519) 746 6556 OR MAILED to Alice Seviora:

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Note: To prevent fraud never send credit card information via email.

Refund Policy: please visit www.catt.ca for details on CATT's refund policy.

PLATINUM MEMBERS



an AEGION company



SYSTEMS



GOLD MEMBERS

