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Atlantic Infrastructure Management Network
Supporting Asset Management in Atlantic Canada

**PRIORITIZING INFRASTRUCTURE FOR RENEWAL AND REPLACEMENT:
A RISK-BASED APPROACH**

Fredericton Inn and Convention Centre, Fredericton, NB
8:00 am to 4:30 pm March 27, 2018

This event will be offered by AIM Network in partnership with Cities of New Brunswick Association (CNBA). French translation will be provided at the event. Materials and handouts will be available in both languages.

Workshop Objectives:

Participants will be able to prioritize their infrastructure projects for renewal or replacement by learning about ways to identify and rank assets at risk.

Workshop Participants will be guided through procedures for assessing risk and making decisions based on this assessment. The workshop will include both a theory and practical component including working through a real-life example.

Topics:

- o Introduction to risk
- o How risk is defined by probability of failure and consequence of failure
- o Social, Economic and Environmental criteria that define consequence of failure
- o Condition, performance and historical data that define probability of failure
- o Applying these principles to make decisions about prioritizing projects in your municipality

(Participants will work through a real-life risk assessment / prioritization exercise).

Outcomes and Deliverables: Participants will be provided with templates and a procedural guideline to assist in assessing risk and using a risk-based approach to prioritization of renewal and replacement of infrastructure.

Workshop Facilitators:



Matt Delorme, P. Eng.,
Project Manager, HATCH Infrastructure North America



Tjaart Van den Berg
Principal, Landinfo Technologies Inc.