



Tapping
the Future

2014

CONFERENCE
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CSC Conference 2014 – TAPPING THE FUTURE
Kitchener, Crowne Plaza Kitchener/Waterloo
May 21-25, 2014

Session 3C
Date May 22, 2014
Time 2:00 – 3:00
Speaker Michael Carter, CET

A Winter Perspective on Design

Falling, sliding, or windblown ice and snow from buildings and structures can lead to hazardous conditions, creating risk for designers, owners, and building managers. This topic has had little acknowledgement by building codes and regulations; consequently has generated little in the way of standards, guidelines or prescriptive building code requirements to assist designers. To address concerns, designers have largely relied on past experience or trial and error methods for reducing potential risks. In this light, the presentation will focus on the various contributing factors to hazardous ice and snow formation and what can be done to anticipate and mitigate potential issues. This will include; examples of common design issues, mitigation strategies available, industry trends that are influencing potential hazards, and methods of dealing with residual risk.

Speaker bio

Michael is a director and lead technical consultant of Northern Microclimate Inc., an architectural consulting firm that focuses on the prediction, evaluation, and mitigation of falling ice and snow from buildings and structures. He has been actively consulting on large scale projects since 1995, and has contributed to publications with the Council on Tall Buildings and Urban Habitat, the National Institute of Building Sciences, Construction Specifications Canada, and the International Conference on Snow Engineering. Recognized as an expert in his field, Michael's ability to visualize and interpret the characteristics of a building design within its local microclimate, has earned him a reputation as a trusted consultant with leading architectural and engineering firms throughout North America.

Speaker contact information

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