

Topic	Summary
When It Rains, It Drains: Introduction to Applications of Pervious Concrete Pavements	It will introduce the major families of porous paving materials; and focus on pervious concrete history, installation and applications.
Dealing with Disaster - Tsunami Aftermath	<p>The massive earthquake and devastating Tsunami that hit South Asia in December 2004, was of a magnitude that shocked the world. Governments, International Agencies, Local Non Government Organizations (NGOs) and individuals responded in a variety of ways to relieve the plight of so many people. There was an immediate need of food water, shelter and basic sanitation, as well as a need to deal with serious psycho-social effects and longer term infrastructure reconstruction. Many agencies were very stretched to provide the necessary human resource to respond to this disaster.</p> <p>Mark Evans was released by his employer, CBCL Limited, at short notice to be seconded to OXFAM in its emergency relief programme in the Maldives for a period of 3 months. Mark will touch on what he encountered and what was required of him during this period.</p>
Water Supply - Planning for Disaster: The Halifax Water Experience	A disaster or an emergency can strike a drinking water system at any time. Halifax Water has responded to this reality with the preparation of an emergency response plan (ERP) by which its managers and staff explored vulnerabilities, made improvements and established procedures to follow in an emergency or disaster situation. This presentation explores Halifax Water's journey through the ERP development including interface with higher level Regional EMO initiatives, plan preparation and exercising, as well as real life examples of the ERP implementation through recent severe weather and infrastructure failure events. The bottom line message is that the preparation and exercising of an emergency response plan can save lives, prevent illness, enhance system security, minimize property damage and lessen liability.
Dealing with Labour Shortages: Recruitment & Retention - Why Care?"	<p>This presentation will focus on a number of different areas including, but not limited to:</p> <ul style="list-style-type: none"> <li>- the imperatives that are forcing us to change our ways;</li> <li>- how the construction sector is affected;</li> <li>- what approaches governments are taking;</li> <li>- Employer of Choice: An Option for Change.</li> </ul>
How to Design Product Data Sheets/Web Sites	This presentation will provide an overview of the needs of target users of construction product data and web sites, and discuss the importance of the integration of product data in the evolving BIM world. The scope and purpose of those product information resources drives the type and layout of paper and online literature. The new CSC Product Format standard will be introduced, and development of technical product data sheets based on the standard will be covered. Useful construction product web site design tips will be offered, which will help to encourage greater use of the web site by Consultants.
Roofing: Lessons Learned from Hurricane Juan	This presentation will focus on roof system failures and ways in which they can be improved/prevented. The presentation will begin with an overview of Hurricane Juan and a look at the roof damage caused by its devastating winds. Topics to follow will include causes and types of roof failure, recommendations to prevent future failures, current wind up-lift codes and a discussion of the ongoing initiatives by the CRCA and NRC to study and improve roof systems.

The Greening of Divisions 00 and 01	Implementation of sustainability into design, contract document development, and construction phases of projects has now developed into the main stream of project delivery in Canada. This process is outlined by the Canada Green Building Council (CaGBC) through the implementation of a variety of green building rating systems. This evolution has culminated with CSC's development of Tek Aid documents for Division 00/01 that can be used to incorporate and implement these sustainable design processes and procedures. This session will provide an overview of the development of these documents and their use in achieving these sustainable design requirements to obtain desired certification results.
Opportunities and Constraints in Implementing Sustainable Design	This presentation focuses on opportunities and constraints in implementing sustainable design strategies in projects in Atlantic Canada. The speaker will take us through a series of case studies explaining how the LEED rating system, integrated design methods and sustainable design strategies were implemented, systems and materials selected and what lessons were learned. The discussion will also look at what's new regarding LEED rating systems, the CaGBC and the Atlantic Chapter of the CaGBC.
Planning for Weather Disasters Today	Weather is more than just a topic of daily conversation - it can also be a deal-breaker. Extreme weather increasingly affects all Canadians as our population grows. Weather hazards and threats across Canada will be discussed, including hurricanes, tornadoes and storm surge hazards
Writing Specifications for Offshore Projects	Whether working on projects located in the Americas, Africa, Asia, or the fast growing markets in the Middle-East, issues such as codes and standards, product manufacturing and supply, specification formats and language, all impact how the specifications and the contract documents are prepared. This session will provide an overview of the issues a specification writer will need to consider when developing specifications for international projects.
Avoiding Masonry Failures	This presentation will review masonry construction commonly found in buildings in Eastern Canada from the mid eighteenth century to the present day, summarizing the evolution of masonry design and construction. The characteristics of commonly found masonry construction will be discussed in respect to each type's performance and inevitable failures. Examples of failures from poor design and poor construction, along with more successful construction but which suffers from poor maintenance, will be presented to illustrate commonly found problems. Some solutions used to mitigate the technical problems found will be illustrated. The presentation will conclude with a discussion on some basic design principles and procedures that should be employed that will help designers avoid masonry failures in both existing and new masonry construction.
Quality Control and Assurance for Contract Documents	This session will touch on ways to gain more consistency and control between the drawings and specifications. The Uniform Drawing System and checklists for various disciplines will also be presented. Also highlighted in this presentation will be office procedures, from design stage to the Contract Administration stage and everything between emphasizing proper coordination and sign-offs.
Introduction to Designing for Blast Hazard Mitigation	This session will provide an understanding of: Blast Hazards; Blast Mitigation Design; Blast Resistant Products and Installation; Blast Mitigation Requirements/Applications; Acceptable Test Methods; AAMA 510 Voluntary Guide Specification for Blast Hazard Mitigation for Fenestration Systems and Blast Product/Project Certification

And more.....

Unitized Curtain wall Construction; CCDC Document Update; Round Table Discussion - Construction Insurance; Round Table Discussion - Project Delivery.

\*Subject matter is subject to change without notice.