

# Sessions-at-a-Glance



Sunday, July 25, 2010

Monday, July 26, 2010

<b>Opening Plenary Session 17:00–19:00</b> <i>Metro Centre-East</i>	<b>Monday Plenary Session 8:00–9:30</b> <i>Metro Centre-East</i>
Welcome and Bienvenue	Scenario Spectra for Design Ground Motions and Risk Calculation
U.S. Federal Programs: Dept. of Energy, Nuclear Regulatory Commission	Future Directions in Geotechnical Earthquake Engineering
The 21st Century Goal for Seismic Safety: Resilient Cities	Understanding Interdependencies Among Critical Infrastructures
The Role of Structural Consultants and Design Practitioners in the Development of Canadian Earthquake Codes	Societal Dimensions of Earthquakes and Other Disasters: Findings in Search of Theory
Overview of the U.S. National Earthquake Hazards Reduction Program	

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## Oral Sessions

<b>Room/Track</b>	<b>10:00 - 11:40</b>	<b>Room/Track</b>	<b>13:00 - 14:40</b>	<b>Room/Track</b>	<b>15:40 - 17:20</b>
Metro Centre BS	M1. Design & Assessment of Reinforced Concrete Buildings	Metro Centre BS	M11. Design & Assessment of Steel & Wood Buildings	Metro Centre BS	M21. Performance-Based & Displacement-Based Design
Marine LL	M2. Dams & Levees	Harbour B RC	M12. Concrete Frame Structures	Harbour B RC	M22. Concrete Columns
Pier 5 RE	M3. Fiber-Reinforced Polymer Column Retrofit	Marine LL	M13. Lifelines: Pipelines	Harbour A ST	M23. Special Session: Seismic Engineering of Controlled-Rocking Systems for Steel Framed Structures
Pier 4 WB	M4. Special Session: Changes in the Seismic Design of Wood Buildings to Reach New Heights	Pier 5 RE	M14. Repair & Retrofit of Composite Frames	Pier 5 RE	M24. New & Different Retrofit Techniques
Harbour C NIT	M5. Seismic Input & Analysis Strategies	Harbour C NIT	M15. Seismic Behavior & Analysis of Structures	Marine WB	M25. Seismic Response of Wood Buildings
Harbour B RC	M6. Seismic Behavior of RC Wall Elements & Systems	Pier 4 SEP	M16. Special Session: School Retrofit Program	Harbour C NIT	M26. Case Studies in Seismic Response
Metro East PS	M7. Special Session: Highlights of Ongoing Activities of NEES Tools for Isolation & Protective Systems (TIPS) Project	Metro East PS	M17. Analysis & Testing of Isolators	Pier 4 SEP	M27. Special Session: Seismic School Safety -- How to Reduce the Threat?
Regatta MH	M8. Special Session: Structures in Fire & Earthquake	Regatta MH	M18. Special Session: Structures in Fire & Earthquake Panel	Regatta EX	M28. Full-Scale Laboratory & Field Tests
Harbour A GM	M9. Site & Basin effects	Harbour A GM	M19. On the Basis for Ground Motion Prediction Equations (GMPEs)	Metro East PS	M29. New Behavior Modes for Isolated Systems
Pier 2 & 3 PPF	M10. Special Session: Canadian Seismic Research Network	Pier 2 & 3 PPF	M20. Special Session: The Future of the Network for Earthquake Engineering Simulation (NEES)	Pier 2 & 3 SR	M30. Ground Motion, Seismicity, & Seismic Risk

<b>Poster Session 14:40 - 15:40</b> <i>Frontenac Room</i>			
ST	Seismic Design & Performance of Steel Structures	SEP	Lessons Learned from Recent Earthquakes
BR	Seismic Design & Performance of Bridges	PER/DAR	Post-Earthquake Response, Damage Assessment, & Recovery
WB	Seismic Response of Wood Buildings	SEP	Public Policy & Seismic Awareness
PS	Protective Systems	SEP	Education
PS	Energy Dissipation Systems	SEP	Preparedness

### TOPIC TRACKS:

BR: Bridge Structures

BS: Buildings, Structural & Nonstructural Systems

DAR: Damage Assessment & Recovery

MH: Earthquake & Multiple Hazard Design

EX: Experimental Methods

GM: Ground Motion

LL: Lifelines, incl. Dams, Levees, Ports

MA: Masonry Buildings

NS: Non-Structural Components

NIT: Numerical Research, Information Technology, & Collaborative Tools

PPF: Past, Present, & Future Overview

PER: Post-Earthquake Response

PS: Protective Systems, Seismic Isolation, Energy Dissipation & Control Systems

RC: Reinforced Concrete Buildings

RE: Repair & Retrofit of Structures & Foundations

SR: Seismicity, Seismic Hazard Assessment, Seismic Risk

SEP: Socio-Economic Issues, Education, & Public Policy

SSI/SF: Soil Structure Interaction/Soils, Foundations

ST: Steel Buildings

TSU: Tsunami - 4th Int'l Tsunami Symposium

WB: Wood Buildings