

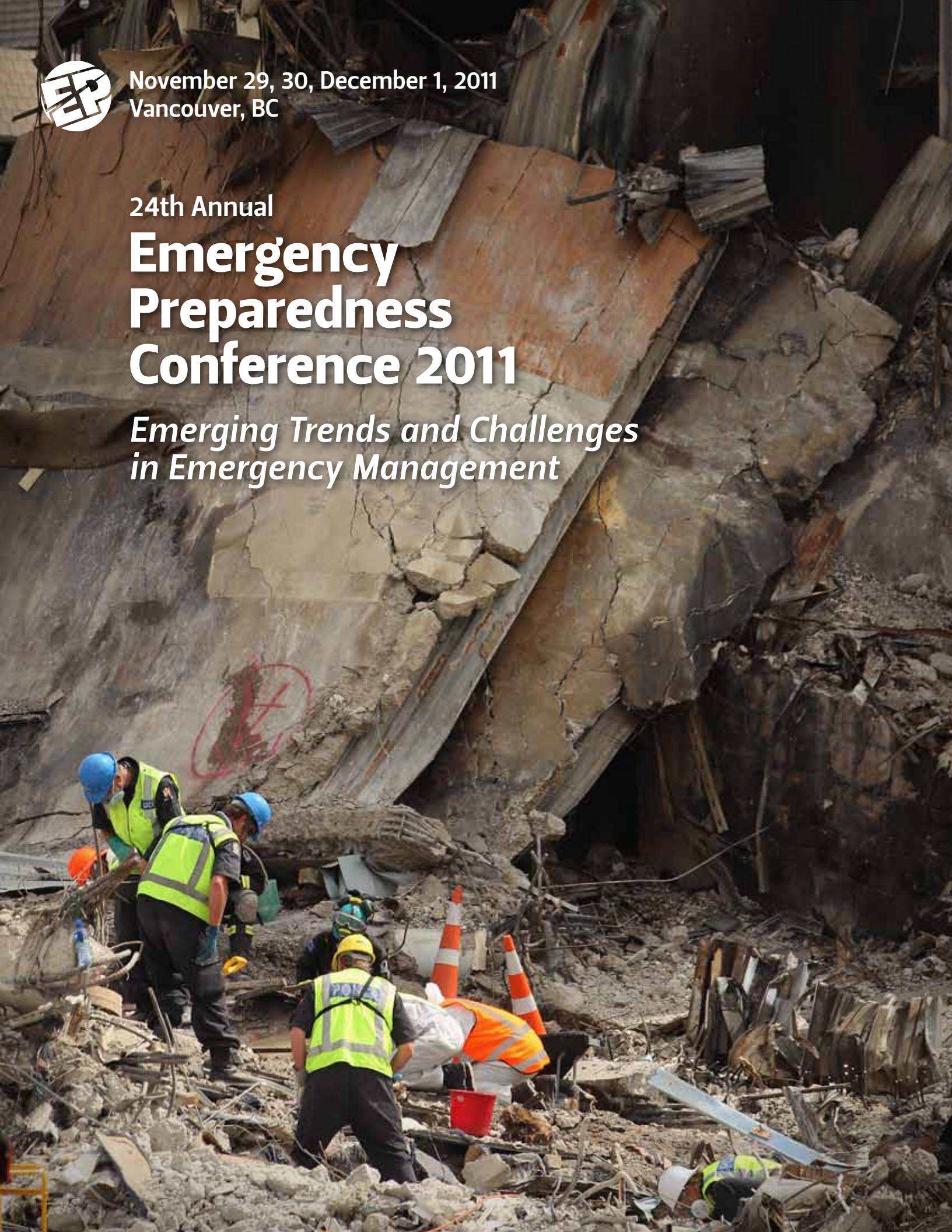


November 29, 30, December 1, 2011  
Vancouver, BC

24th Annual

# Emergency Preparedness Conference 2011

*Emerging Trends and Challenges  
in Emergency Management*



## STATEMENT OF PURPOSE

To raise the level of emergency preparedness and make our world a better, safer place by:

- Developing new strategies
- Promoting awareness
- Providing information, tools and solutions to problems
- Sharing experiences
- Showcasing technologies
- Creating networking opportunities

## CONFERENCE EXECUTIVE COMMITTEE



**Wayne Greene**  
*Chair, EPC Executive Committee*  
School of Community and Regional Planning  
University of British Columbia



**John Oakley**  
*Senior Regional Manager*  
South West Region  
Emergency Management British Columbia



**Marie T. Rogan**  
*Advisor*  
Pacific Northwest Preparedness Society  
Conference Administrator



**Lindsay Olson**  
*Vice President, British Columbia,*  
Saskatchewan & Manitoba  
Insurance Bureau of Canada



**Charmaine Susanthan**  
*EP Conference Registrar*  
*Executive Assistant to the General*  
Manager/Fire Chief  
Vancouver Fire and Rescue Services



**Sally Pollock**  
*Advisor*  
Emergency Social Services



**Don Bindon**  
*Emergency Management Advisor*



**Henry Renteria**  
*Retired Director Governor's Office*  
Emergency Service California, USA



**Magdalena Blasiak**  
*Assistant Manager*  
BC Disaster Management Program  
Canadian Red Cross Society



**Colleen Vaughan**  
*Director, EMD*  
Justice Institute of BC



**Murray Day**  
*Advisor*



**Kevin Wallinger**  
*Director of Emergency Management*  
City of Vancouver



**John Lavery**  
*Executive Director*  
Lower Mainland Health Emergency  
Management, Fraser Health Authority



**William (Bill) White**  
*Emergency Program Coordinator*  
BC Housing



**John McKearney**  
*General Manager/Fire Chief*  
City of Vancouver Fire and Rescue Services



Dear Delegates:

This has been a very difficult year for humanity. The earth's crust has continued to shift resulting in massive earthquakes and tsunamis. Severe storms have occurred in Asia, North America, Australia, and Europe. In most cases the available resources were overwhelmed. Recovery will be long and difficult. Many of these events will be foci for presentations and discussions at the 2011 Emergency Preparedness Conference.

With your suggestion we have added additional Plenary sessions so that all delegates will have an opportunity to listen and to participate in the discussion.

There are many very interesting presentations and workshops, for example:

- The Great Japanese Earthquakes – Lessons for North America
- Health System Response to Floods
- Stretching Your EP Dollar During Times of Fiscal Restraint
- Christchurch, British Columbia – Closer Than You Think
- Canterbury Earthquake – Health System Impacts and Lessons for BC
- Social Media
- Geo-Hazards 101
- Making Communities Resilient
- Flooding
- Shake-Out, Alerts and Warnings

The Executive Committee recognized that these are difficult economic times and have maintained the low registration fee. This is the 6th year in a row. We want you to be able to attend the Conference and help share your experiences with us.

We will continue to ask for your ideas and suggestions on improving the Conference. Please help us by completing evaluations and e-mail surveys.

Thank you for choosing to come and I look forward to seeing you in late November.

A handwritten signature in black ink, appearing to read 'Wayne Greene', written in a cursive style.

**Wayne Greene**  
*Chair, EPC Executive Committee*

## THE PACIFIC NORTHWEST'S ORIGINAL EMERGENCY PREPAREDNESS CONFERENCE

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### A JOINT PROJECT OF:

- BC Housing
- Canadian Red Cross Society
- City of Vancouver
- Emergency Management British Columbia
- Insurance Bureau of Canada
- Justice Institute of British Columbia
- Ministry of Health Services
- University of British Columbia

## INTRODUCTION

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### EMERGING TRENDS AND CHALLENGES IN EMERGENCY MANAGEMENT

The 24th Annual Emergency Preparedness Conference is pleased to offer:

- Pre-Conference Workshops
- Plenary Sessions
- Breakout Sessions/Workshops
- Exhibitors' Gallery
- Networking Opportunities

### WHO SHOULD ATTEND?

- Emergency Service Volunteers
- Emergency Management Policy Makers, Planners and Managers
- Health Professionals
- Educators
- Elected and Appointed Officials
- Public and Private Sector Executives and Managers
- Frontline Responders
- Risk and Business Continuity Managers
- Safety Officers
- Emergency Management Consultants

### PARTNERSHIPS

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#### Premier Partner



#### Gold Partner



#### Contributor



### NOTE:

**ALL CONFERENCE ACTIVITIES  
WILL BE LOCATED IN THE NORTH  
TOWER.**

**Please refer to the wall centre  
hotel location-map.**



<b>Pre-Conference Workshop I</b>	<b>Pre-Conference Workshop II</b>	<b>Pre-Conference Workshop III</b>
<p>November 28th, 2011 from 0900-1600 hrs.</p> <p><b>Community Recovery Planning</b> Jim LaMorte, <i>President</i>, Smart Risk Control Inc.</p>	<p>November 28th, 2011 from 0830-1630 hrs.</p> <p><b>Essential Skill Sets for Emergency Program Success</b> Heather Lyle, <i>Emergency Management BC</i>, Karen Basi, <i>City of Coquitlam</i>, and Rosanna Von Sacken, <i>Advanced Consulting Emergency Management Ltd.</i></p>	<p>November 28th, 2011 from 0800-1200 hrs.</p> <p><b>Rapid Damage Assessment</b> Steven Bibby, <i>Manager Security &amp; Emergency Services</i>, BC Housing, and Bill White, <i>Emergency Program Coordinator</i>, BC Housing</p>
<p><b>Conference Attendees:</b> \$175.00 + \$21.00 (HST) = \$196.00 <b>Non-Conference Attendees:</b> \$225.00 + \$27.00 (HST) = \$252.00</p>	<p><b>Conference Attendees:</b> \$175.00 + \$21.00 (HST) = \$196.00 <b>Non-Conference Attendees:</b> \$225.00 + \$27.00 (HST) = \$252.00</p>	<p><b>Conference Attendees:</b> \$100.00 + \$12.00 (HST) = \$112.00 <b>Non-Conference Attendees:</b> \$150.00 + \$18.00 (HST) = \$168.00</p>

**Group Rates are available. Call Conference Registrar at 604.665.6097 for details.**

**Cheque should be made payable to:**

Emergency Preparedness Conference

*Payment must accompany Registration - Visa and Master Card accepted.*

HST #: R 130186141

*Early registration is recommended for the Pre-Conference Workshops as space is limited.*

**Conference Dates**

**November 29th 30th &  
December 1st 2011**

**Early Bird Fee**

**\$595.00 + \$71.40 (HST) = \$666.40**  
*(Registration and payment must be  
received before September 30th,  
2011 to qualify)*

**Registration Fee**

**\$695.00 + \$83.40 (HST) = \$778.40**  
*(After September 30th, 2011)*

*As past Conferences have sold out, early registration is recommended.*

**Registration Desk**

The Registration Desk will open from 1600-1800 hrs. Monday evening, November 28th to provide delegates an opportunity to pick up the Registration Package prior to Tuesday morning rush. It will reopen on Tuesday at 0700 hrs.

**Evening Event**

**Networking Reception  
at the Wall Centre**  
Wednesday, November 30th  
1700 - 2000 hrs.

**Exhibit Area**

**Exhibit Area will be open:**  
Tuesday, November 29th  
0700-1600 hrs.  
Wednesday, November 30th  
0745-1330 hrs.

# Pre-Conference Workshops\*

## PRE-CONFERENCE WORKSHOP I

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### Community Recovery Planning

November 28th, 2011 from 0900 -1600 hrs

#### Location

##### Grand Ballroom A

Sheraton Wall Centre Hotel

#### Presenter

##### Jim LaMorte

*President*

Smart Risk Control Inc.

Victoria, British Columbia

Communities throughout the world with experience in disasters emphasize the need to plan for recovery before disaster strikes. Although many of BC's local governments have effective response plans in place, few have given due attention to planning for the recovery phase of emergency management.

This day-long Pre-Conference Workshop will explore the critical issues surrounding community disaster recovery, including the difference between recovery for a local authority and for community members, the many organizations likely to be active in community recovery, and the decisions that must be undertaken ahead of time to enhance success.

Workshop participants will walk through ten recommended planning steps, and be able to take lessons back to their home communities to continue the planning process. In particular, this session will focus on the physical, social, economic, and psycho-social recovery of BC communities. Attendees are encouraged to bring an understanding of the public, private, and non-profit organizations that would play a role in disaster recovery in their community or region.

#### Cost

**Conference Attendees: \$175.00 + \$21.00 (HST) = \$196.00**

**Non-Conference Attendees: \$225.00 + \$27.00 (HST) = \$252.00**

*(Continental Breakfast, Lunch & Refreshments included)*

**Registration is limited to 50 attendees and registrants will be selected on a first-come first-served basis**



**Payment must accompany Registration for all Pre-Conference Workshops**

## PRE-CONFERENCE WORKSHOP II

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### Essential Skill Sets for Emergency Program Success

November 28th, 2011 from 0830-1630 hrs

#### Location

##### Port McNeill Room

Sheraton Wall Centre Hotel

#### Presenters

##### Heather Lyle

Director, Integrated Public Safety  
Emergency Management BC  
Surrey, British Columbia

##### Karen Basi

Manager, Emergency Programs  
City of Coquitlam  
Coquitlam, British Columbia

##### Rosanna Von Sacken

President  
Advanced Consulting  
Emergency Management Ltd.  
Coquitlam, British Columbia

Have you assumed the role of Emergency Planner for your organization and want to establish a viable and sustainable program for years to come? This workshop will address three practical skills sets and applications that will enhance your traditional emergency management program and experience, including: strategic planning and leadership, marketing & communications planning and engaging facilitation. The session will involve mini lectures and group activities to allow participants to put theory to practice. Meet new people, learn new things and have some fun. This session will appeal to all emergency planners, regardless of your discipline or sector.

#### Cost

**Conference Attendees: \$175.00 + \$21.00 (HST) = \$196.00**

**Non-Conference Attendees: \$225.00 + \$27.00 (HST) = \$252.00**

*(Continental Breakfast, Lunch & Refreshments included)*

**Registration is limited to 36 attendees and registrants will be selected on a first-come first-served basis**

## PRE-CONFERENCE WORKSHOP III

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### Rapid Damage Assessment

November 28th, 2011 from 0800-1200 hrs.

#### Location

##### Port Alberni Room

Sheraton Wall Centre Hotel

#### Presenters

##### Steven Bibby

Manager, Security  
and Emergency Services  
BC Housing  
Vancouver, British Columbia

##### Bill White

Emergency Program Coordinator  
BC Housing  
Vancouver, British Columbia

This course teaches advanced skills to identify unsafe conditions in wood frame, masonry and concrete construction caused by floods, earthquakes or wind storms. Individuals learn to assess damage to determine whether buildings can be occupied. BC Housing's rapid inspection skills are taught based on Applied Technology Council 20 & 45 guidelines from California.

#### Cost

**Conference Attendees: \$100.00 + \$12.00 (HST) = \$112.00**

**Non-Conference Attendees: \$150.00 + \$18.00 (HST) = \$168.00**

*(Continental Breakfast & Refreshment included)*

**Registration is limited to 30 attendees and registrants will be selected on a first-come first-served basis  
Should there be sufficient interest and more than 30 registrants a second course will be offered in the afternoon.**

# TUESDAY, NOVEMBER 29th, 2011

**0800-0845** Grand Ballroom C&D Foyer

Registration & Continental Breakfast

**0845-0900** Grand Ballroom A&B

## Conference Opening and Welcome

**Wayne Greene**

*President*

Pacific Northwest Preparedness Society

Vancouver, British Columbia

**0900-1000** Grand Ballroom A&B

Plenary 1

## The Great Japanese Earthquakes: Lessons for North America

**David W. Edgington**

*Associate Professor*

Department of Geography

University of British Columbia

Vancouver, British Columbia

The huge earthquake on March 11 (the greatest natural disaster in Japan's recorded history) and the resulting tsunami are one of many disasters that the Japanese have experienced over time. Lessons learned from the Kobe earthquake in 1995 will be put into practice as the massive recovery gets underway. These experiences of dealing with physical, economic, social and emotional upheavals are useful lessons for North Americans living on the West Coast.

*(Dr. Edgington recently authored: "Reconstructing Kobe: The Geography of Crisis and Opportunity" – UBC Press 2010)*

**1000-1100** Grand Ballroom C&D Foyer

Networking & Refreshment Break

## Get to Know the Exhibitors

**1100-1200** SESSIONS A

**A1**

Junior Ballroom A&B

## Health System Response to Hazardous Substances

**Chris Smith**

*Director, Planning and Programs*

Ministry of Health

Victoria, British Columbia

**Rene Bernklau**

*Provincial Coordinator*

British Columbia Ambulance Service

Emergency Management Office

Vancouver, British Columbia

**Quinn Danyluk**

*Managing Consultant*

*Safety & Prevention*

Workplace Health

Fraser Health Authority

Surrey, British Columbia

The BC Health System has a number of programs that work together to manage issues related to hazardous substances incidents. For example BC Ambulance Technical Advisors provide advice to responders in the field, and hospitals and BC Hospitals continue to participate in a decontamination training program for first receivers. All of this work is managed as a partnership among emergency management, occupational health and safety, public health, and clinicians which helps to ensure a comprehensive integrated approach. This session will provide an overview of the long term program vision with a specific emphasis on partnerships and approach to managing hazardous substances in the BC health system from the perspective of a variety of stakeholders.

**A2**

Junior Ballroom C

## Community Training in Emergency Planning for People with Disabilities

**Karen Martin***BC Coalition of People with Disabilities*

Vancouver, British Columbia

Community-based organizations can play a significant role in emergency preparedness and response. This session will outline the key components of the national train-the-trainer project, *Prepare to Survive – Prepare to Help: Community Training in Emergency Planning for People with Disabilities* developed by the BC Coalition of People with Disabilities and Volunteer Canada. The session will illustrate building and strengthening community networks through key learnings from training sessions in seven communities across Canada. The session will provide a hands-on exercise demonstrating how the emergency management sector can use this training to engage community-based organizations in emergency preparedness and response, map resources in their community, identify vulnerable populations, and strengthen community resiliency.

**A3**

Junior Ballroom D

## Strengthening Relationships with Public Works and Engineering

**Murray Steer***Manager, Sewers Operations*

City of Vancouver

Vancouver, British Columbia

Traditionally, first responders are thought of as being from police, fire or ambulance. Today, because of the increasing dependence on transportation, water, sewer and electrical infrastructure there needs to be another partner at the table. Whether there's a need for barricades to control traffic or specially skilled crews to assist with making the site safe, your public works and engineering departments are critical during all stages of a response.

Staff from the public works or engineering departments play important roles in planning for special events, pre-positioning equipment, and responding to and recovering from wide area emergencies. It is important to build and strengthen the relationship between emergency management and public works departments as their role will become more critical in the future. This presentation will describe the excellent relationships that have been developed amongst response agencies and emergency management in Vancouver.

**A4**

Port McNeill Room

## Disaster Debris Management

**Jozsef Dioszeghy***Director of Engineering Parks & Environment*

District of North Vancouver

North Vancouver, British Columbia

This session covers the development of a Regional Disaster Debris Management Plan for Metro Vancouver. With a diverse (government, institutional and private sector) membership this Integrated Partnership for Regional Emergency Management Working Group was tasked to address roles, responsibilities and authority challenges with debris in case of a region wide disaster. The presentation outlines the process undertaken by the Working Group and shares the findings and recommendations of the resulting draft plan. The Plan takes into consideration the varying recovery capabilities of smaller and larger communities and the practicality of developing a regional approach. The information presented also includes observations and lessons for both small and large communities learned from the recent earthquakes in New Zealand and Japan.

**1200–1330**

Grand Ballroom A&amp;B

Lunch

1330-1430

SESSIONS B

B1

Junior Ballroom A&B

## The Health System Response to Manitoba Flooding

**Gerry Delorme**

*Director, Office of Disaster Management*

Manitoba Health

Winnipeg, Manitoba

Since the 1997 “Flood of the Century”, Manitoba has experienced a series of very significant flood events. In 2009, Manitoba experienced the 2nd worst flood since 1826, and in 2011, flood waters covered much of the southern half of the province. Floods present diverse emergency management and business continuity challenges for the health system as flood waters disrupt infrastructure, including transportation routes, and threaten communities. In this presentation, Gerry Delorme will provide the attendees with an overview of the flood threats in Manitoba, the impacts on the health system, and how the health system prepares for, responds to, and recovers from these events.

B2

Junior Ballroom C

## Stretching Your EP Dollar During Times of Fiscal Restraint

**Bob Black**

*President & CEO*

Black Shield Preparedness Solutions Inc.

Saanichton, British Columbia

Bob will share the planning and financial management techniques he developed during his tenure as the Director of Emergency Preparedness for the City of Edmonton. He will discuss partnering, sponsorship, self-reliance, and the need for an effective marketing strategy to support the successful development of your emergency preparedness program during periods of fiscal restraint (which seems lately to be pretty much always).

B3

Junior Ballroom D

## Damage Assessment Information System: Closer to “Real Time” Situational Awareness

**Roberto Gonzales**

*Principal*

EMGI Consulting

Victoria, British Columbia

This presentation describes a novel approach to Damage Assessments and Needs Analysis (DANA) on the grounds that traditional methods fail to provide authorities with timely information. A Damage Assessment Information System (DAIS), consisting of a process and a supporting tool, is proposed to provide authorities with appropriate situational awareness within two hours after a major event. The presentation challenges the top-down centralized approach to DANA and suggests a paradigm shift in the intelligence cycle. The case is also made for DAIS to be adaptable to each jurisdiction’s requirements rather than the jurisdiction needing to adapt individual response and recovery procedures to meet DAIS needs.

DAIS was implemented as a prototype in Vancouver during the ShakeOut BC drill held in January 2011 and has since been further developed for Jamaica and municipalities in the Lower Mainland.

## From Response to Recovery: Moving from ESS to Community Recovery

### Lise Anne Pierce

Manager, Disaster Management  
British Columbia  
Canadian Red Cross Society  
Victoria, British Columbia

### Ange Sawh

Director, Disaster Management  
Western Canada  
Canadian Red Cross Society  
Calgary, Alberta

Ange and Lise Anne will share their learnings and experiences working throughout Canada in support of communities transitioning from response to recovery. The speakers will provide examples, tools, and suggestions for how to maximize community capacity. The presenters will discuss the challenges regarding coordination, communication, leadership, and prioritization in a community recovery operation, and will engage the participants in a discussion on what can be done now, prior to a disaster, to improve our ability to make the right decisions at the right time following a disaster.

## 1430–1500 Grand Ballroom C&D Foyer

Networking & Refreshment Break

## 1500–1630 Grand Ballroom A&B

Plenary 2

## Christchurch: Closer Than You Think

### Rob Johns

Emergency Coordinator  
Victoria Emergency  
Management Agency  
Victoria, British Columbia

### Daniel Stevens

Emergency Management  
City of Vancouver  
Vancouver, British Columbia

### Jim Young

Assistant Chief  
Emergency Management  
Vancouver Fire & Rescue Services  
Vancouver, British Columbia

Moderator: **Henry Renteria**

New Zealand has always been home to earthquakes but in the last 2 years things have gotten right out of hand. Some of the country's major cities have been hit and because New Zealand infrastructure and living standards have numerous similarities to the Pacific Northwest local emergency managers and responders have traveled there to learn first hand directly from our New Zealand colleagues what we might experience.

# WEDNESDAY, NOVEMBER 30th, 2011

**0745–0830** Grand Ballroom C&D Foyer

Continental Breakfast

**0830–1000** Grand Ballroom A&B

Plenary 3

## The Evolving Role of Social Media in Emergency Management

**Peter S. Anderson**

Director, Telematics Research Lab  
Associate Professor  
School of Communication  
Faculty of Communication  
Art and Technology  
Simon Fraser University  
Burnaby, British Columbia

**Kristopher Hayne**

Business Area Expert  
Ministry of Public Safety and  
Solicitor General  
Emergency Management BC  
Telecommunications and  
Specialty Systems  
Surrey, British Columbia

Social media networks have seized the world's attention, especially as organizing and information tools in response to crises. They have been used to effectively share information to distribute relief supplies and provide medical services. It must be integrated into the communities of practice that already exist, and doing so means emergency managers need to be creative. This plenary will review the current research in social media and also demonstrate a number of applications that are currently being used by emergency management agencies.

**1000–1030** Grand Ballroom C&D Foyer

Networking & Refreshment Break

**1030–1200** SESSIONS C

**C1** Junior Ballroom A&B

## The Canterbury Quakes: Health System Impacts and Lessons for BC

**Graeme McColl**

Advisor – Emergency Management  
Emergency Management Team  
National Health Board  
Ministry of Health  
Christchurch, New Zealand

Between September 2010 and March 2011, the Canterbury District on the South Island of New Zealand experienced 2 large and damaging earthquakes as well as 100s of aftershocks. Both of these events had significant impacts on the health care system which was charged with treating the injured, maintaining care for current patients, and managing a range of issues in public health, mental health, and community care, often with compromised infrastructure. In this session, Graeme McColl will provide an overview of the health system impacts from these two earthquakes, discuss how New Zealand responded and lessons they learned. He will then lead a discussion with the audience to examine how these lessons can be applied to the health system in British Columbia, Canada, and the Pacific North West.

**C2**

Junior Ballroom C

## **Landslides, Earthquakes and Tsunamis: What is the Hazard in British Columbia?**

**Dr. John F. Cassidy**

*Seismic Hazard Researcher*  
Natural Resources Canada  
Sidney, British Columbia

**Dr. Andrée Blais-Stevens**

*Research Scientist*  
Natural Resources Canada  
Ottawa, Ontario

A quick introduction to these geohazards. Where do they occur, how big have they been in the past, and what can we expect in the future? Is it true that Vancouver Island will sink into the sea after the “Big One”. The background science you need to know to understand landslides, earthquakes and tsunamis in BC.

**C3**

Junior Ballroom D

## **Improving Survival: The Evolving BC Building Code**

**Steven Kuan**

*Senior Seismic Engineer*  
Building and Safety Standards Branch  
Ministry of Energy and Mines  
Victoria, British Columbia

The BC Building Code is a “living” document that is updated regularly to incorporate new knowledge and practice. Particularly in seismic design, in the past decade, new requirements and considerations have been put in place. However, the main seismic design objective of providing solely life-safety has remained unchanged. This presentation will cover what to expect of a building (including its non-structural components) designed according to the building code. Expected performance of post-disaster buildings will also be discussed. New trends and initiatives are evident in the changes to the BC Building Code. Two good examples are the recent new provisions for 6-storey wood-frame residential buildings and the upcoming new seismic design and construction requirements for single-family wood-frame houses. Details of these two sets of requirements will be presented.

**C4**

Port McNeill Room

## **Disaster Spiritual Care: Emerging Trends in Psychosocial and Spiritual Care in the Face of Disasters**

**Tim Serban**

*Vice President Mission Integration & Spiritual Care*  
Providence Regional Medical Center  
Everett, Washington USA

This presentation will aim to explore the specific aspects of Disaster Spiritual Care and how it differs from religious or denominational intervention by religious leaders. Disaster Spiritual Care as a concentrated field of focus explores the depths of loss and grief that are associated with people who find themselves wrestling with the harsh questions of meaning. This presentation will aim to define the nature of professional chaplaincy as it compliments disaster recovery for survivors of many faith traditions or none at all. From practical suggestions when a community is seeking to create a unifying ritual to honor the dead, to clearly defining religious boundaries of spontaneous well-meaning volunteers. This presentation will weave specific disaster experiences and lessons learned from terrorist events, to natural disasters with major loss of life. Chaplain, Serban will share wisdom and lessons learned from his most recent chapter on Complicated, Arresting & Survival Grief – How professional chaplaincy compliments the journey of loss, (Skylight Paths, Fall 2011)

**1200–1330** Grand Ballroom A&B

Lunch

Luncheon Presentation

## Shake-Out, Alerts & Warnings

**Heather Lyle**

*Director*

Integrated Public Safety

Emergency Management

British Columbia

Surrey, British Columbia

The recent “Shakeout BC” exercise went a long way in bringing emergency preparedness on to the front burner, if only for a few hours. The outcome of this exercise, and any plans for future exercises involving public participation in British Columbia are a must know for all emergency response and planning professionals in the province. Our luncheon speaker played an integral part in the planning and implementation of Shakeout and delegates will learn from the best as to how this program or similar programs might enhance public awareness of any emergency plan.

**1330–1430** SESSIONS D

**1330–1430** Grand Ballroom A&B

Plenary 4

## Radiation Response in BC

**Dr. Bonnie Henry**

*Director*

Public Health Emergency Services

BC Centre for Disease Control

Vancouver, British Columbia

With the March 11th, 2011 earthquake in Japan, and damage to the Fukushima Daiichi nuclear plant, there was significant public concern around radiation. British Columbia responded to the situation, working with provincial, federal, and international partners to monitor radiation levels, evaluate potential impacts on food and water supplies, and keep the public informed. This session will provide an overview of the Japanese radiation emergency, describe how BC responded, and discuss BC’s plan for responding to a radiation event originating in North America. The session will also include a plain language discussion of how radiation works, and how it can impact human health.

**1430–1500** Grand Ballroom C & D Foyer

Networking & Refreshment Break

**1500–1630** Grand Ballroom A&B

Plenary 5

**Japan – Earthquake, Tsunami and Nuclear Power Plant Disasters:  
*How the Human Population Survives and Recovers.***

**Speakers from Japanese Non–Governmental Organizations**

The people of Japan experienced the worst case scenario, a triple disaster of an earthquake, tsunami and nuclear power plant meltdown. The speakers were on the scene to experience first hand how the Japanese people responded to the effects and continue to recover from what will be a decades long recovery period. This session will reinforce the need to include into our emergency planning discussions how government, the private sector and non– governmental agencies must work together and address the long term needs of the various population groups affected by natural and human caused disasters.

**1700–2000** Sheraton Wall Centre

Networking Reception

# THURSDAY, DECEMBER 1st, 2011

**0800–0830** Grand Ballroom Foyer

Continental Breakfast

**0830–1000** Grand Ballroom A&B

Plenary 6

## Canadian Disasters/Emergencies in 2011

This plenary is being reserved for presentations relating to more recent emergencies that are occurring during, or that may occur after, the publication of this program.

**1000–1030** Grand Ballroom Foyer

Networking & Refreshment Break

**1030–1200** Grand Ballroom A&B

Plenary 7

## Two Perspectives on Flood Events

**Stephen Waugh**

*Emergency Program Coordinator*

Central Coast Regional District

Bella Coola, British Columbia

The estimated 200 year flood event of September 25, 2010 in the Bella Coola Valley caused extensive infrastructure damage and made Highway 20, the only access to the remote community, impassable in 14 places. The story of the event is told through an entertaining slide feature after which the presenter queries whether the recent loss of vegetation in the Bella Coola Watershed, a result of the Pine Beetle infestation and subsequent wildfires, played a significant role in the extent of the flood. The potential continued threat to this and other regions of the province is discussed from the standpoint of climate change. The processes that communities engage in to prepare and respond to the dangers that present are explored.

**Brian Kayes**

*Director of Emergency Management*

City of Brandon

Brandon, Manitoba

The Assiniboine River, which passes through Brandon, Manitoba, experienced the worst flooding on record in 2011. The City of Brandon has an active emergency management program and has done a great deal of work over the past 10 years to prepare for a range of hazards, including flooding. This presentation will demonstrate how the effective preparedness efforts in Brandon paid off and resulted in a successful response.

**1200–1300** Grand Ballroom A&B

Lunch

**1300–1430** Grand Ballroom A& B

**Plenary 8**

**Making Communities Resilient**

**Jozsef Dioszeghy**

*Director of Engineering*

Parks and Environment

District of North Vancouver

**North Vancouver, British Columbia**

**Dorit Mason**

*Director*

North Shore Emergency

Management Office

**North Vancouver, British Columbia**

**Laurie Pearce**

*Director*

Pearces 2 Consulting Corporation

*Co-Chair of the Resilient*

*Communities Working Group*

**North Vancouver, British Columbia**

In January 2005, at the World Conference on Disaster Reduction, 168 Governments, including Canada, adopted the Hyogo Framework for Action (HFA) under the United Nations International Strategy for Disaster Reduction (UN/ISDR). The “Global Platform for Disaster Risk Reduction” is managed by the UN/ISDR and one of its key initiatives is the “Making Cities Resilient: My City is Getting Ready!” campaign that encourages municipalities to take steps to become disaster resilient.

In 2010, the District of North Vancouver was Canada’s first, and only, community to become a participating community in the campaign and in May 2011 was one of three international communities to share the prestigious United Nation’s Sasakawa Award. The District received this award for the leading work it has done on its natural hazards program and the North Shore Emergency Management Office was an important component of the submission outlining its role in emergency management and public engagement.

This presentation will focus on how the 2005 landslide led to changes in how the District approached dealing with hazards, its processes, its successes and challenges. The presentation will conclude with a discussion regarding Canada’s National Platform for Disaster Risk Reduction, the Canadian Resilient Communities Working Group and its initiative to have every Canadian community sign up to become disaster resilient!

**1430–1530** Grand Ballroom A&B

**Conference Wrap-up & Draw for Exhibitor Prizes**

## CONFERENCE HOTEL LOCATION

[www.sheratonvancouver.com](http://www.sheratonvancouver.com)

The Sheraton Wall Centre Hotel is located in the heart of downtown Vancouver next to the city's best restaurants, shopping districts and Vancouver's famous seawall. The guestroom windows open to sea breezes and breathtaking city, mountain and ocean views. Historic Gastown, Granville Island, multicultural Chinatown and fashionable Yaletown and Robson Street are all within walking distance.

The Conference will be located in the North Tower (Nelson & Hornby Street).

## HOTEL ACCOMMODATION

The Conference has reserved a block of hotel rooms from **November 26th, 2011 to December 4th, 2011** at the Sheraton Wall Centre Hotel. If you wish to book accommodation, please call the hotel directly at (604) 893-7120 or 1-800-663-9255 and indicate you will be attending the Emergency Preparedness Conference. You can email your reservations to: [reservations@wallcentre.com](mailto:reservations@wallcentre.com)

A special group rate is offered at \$156.00 per night for a Deluxe Room (Single or Double occupancy). **The cut-off date for accepting reservations at this group rate is Tuesday, October 25th, 2011.**

## SMOKING POLICY

City of Vancouver regulations ban smoking in all places of employment, including all conference sessions.

## MESSAGE CENTRE

A Message Centre will be available for delegates in the conference registration area. Delegates are reminded that, due to the many concurrent sessions and events, it may not be possible to locate a delegate with a message immediately upon its receipt. Delegates are individually responsible to check for incoming messages.

## SPECIAL MEAL REQUIREMENTS

The Conference has made every effort to provide a healthy and appealing menu for all meal functions. If you require special meals or meal exceptions, please advise the Registrar when registering so appropriate arrangements can be made.

## PARKING

Parking is available at the Hotel and has an early bird rate (in by 0900 and out by 1800 hours). Parking attendant on duty. The Hornby Street parking entrance is the closest to the North Tower. (Contact the Conference Registration Desk if you arrive after 0900 and the Conference staff will provide assistance in getting delegates the early bird rate).

## EVENING EVENT – WALL CENTRE HOTEL

### Networking Reception:

Wednesday, November 30th, 2011 – 1700-2000 hrs.

## EMERGENCY PREPAREDNESS CONFERENCE AWARD OF EXCELLENCE

This award is to recognize valuable contribution in British Columbia's emergency preparedness by individuals, groups, organizations or local government. (SEE THE CONFERENCE WEB SITE OR CONTACT THE CONFERENCE REGISTRAR FOR NOMINATION FORMS)

### Nomination Process

Taking into consideration the Categories and Criteria, all interested parties are to complete and forward the Nomination Form by **October 25th, 2011** to:

### Award Selection Committee

Emergency Preparedness Conference  
900 Heatley Avenue  
Vancouver BC V6A 3S7

Fax: 604.654.0623 or email: [epconference@vancouver.ca](mailto:epconference@vancouver.ca)

The Award Selection Committee will review and, as required, seek additional information to support the nomination.

## SPECIAL THANKS

The Executive Committee would like to recognize the following people:

- **Barb Boman**, Coordinator of Volunteers for her many years of leadership and dedication to the Conference.
- **Lorraine Penner**, Insurance Bureau of Canada, for her administrative support.
- **Wayne Belzer**, Camera Works Photography for his continuous professional photography at the Conference.
- **Rosamaria Fong**, Online Curriculum Developer, Emergency Management Division. Justice Institute of BC for keeping our Web Site up to date.

**NOTE:**  
*Please turn all  
cell phones off or  
set on “manners  
mode” while  
attending sessions*



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### **Sheraton Vancouver Wall Centre Hotel**

1088 Burrard Street  
Vancouver, British Columbia  
V6Z 2R9

[p] 604.331.1000  
[f] 604.893.7200

Website: [www.sheratonvancouver.com](http://www.sheratonvancouver.com)

### **Pacific Northwest Preparedness Society**

900 Heatley Avenue  
Vancouver, British Columbia  
V6A 3S7

[p] 604.665.6097  
[f] 604.654.0623

E-mail: [epconference@vancouver.ca](mailto:epconference@vancouver.ca)  
Website: [www.epconference.ca](http://www.epconference.ca)