



IPREM Steering Committee

Recent emergency events such as the Haida Gwaii 7.7M earthquake and accompanying threat of tsunami, and Hurricane Sandy that devastated much of the Eastern United States, have emphasized the importance of IPREM’s regional planning initiatives. Before we provide updates on these projects, Lori and Jake, IPREM Steering Committee Co-Chairs would like to take this opportunity to introduce members of IPREM’s Steering Committee.



Jake Rudolph

Chief Administrative Officer, City of Pitt Meadows, IPREM Co-Chair, and responsible for keeping his counterparts on the Regional Administrative Advisory Committee (RAAC) apprised on IPREM initiatives and potential linkages to Local Authority programs.



Lori Wanamaker

Deputy Solicitor General, Ministry of Justice, IPREM Co-Chair, ensures the Ministry of Justice works closely with all levels of government and private sector to improve emergency responses by creating highly effective emergency plans for the Lower Mainland.



Carol Mason

Chief Administrative Officer and Commissioner, Metro Vancouver Regional District, is the newest member to join the Steering Committee in the Fall of 2012.



Dirk Nyland

Chief Engineer, Ministry of Transportation and Infrastructure (MoTI) and representative of the Inter-Agency Emergency Preparedness Council (IEPC), coordinating IPREM activities between MoTI and other provincial agencies.



Dorit Mason

Director, North Shore Emergency Management Office, and information conduit with the Regional Emergency Planning Committee (REPC), brings an emergency management practitioner perspective to IPREM.



Jim Hofweber

Executive Director, Environmental Management Branch, Ministry of Environment and representative of the IEPC, brings an environmental emergency response perspective to IPREM.



Jim Rule

Chief Administrative Officer, District of Maple Ridge, appointed RAAC representative is focused on supporting high level regional emergency planning initiatives.



Shawn Carby

Executive Director, Emergency Management Unit, Ministry of Health and representative of the IEPC, brings a health emergency management perspective to IPREM.

IPREM Vision

A disaster-resilient region where all levels of government and key stakeholders work together seamlessly

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Definition for an Event of Regional Emergency

Significance:

A major event that has (or has the potential to have) an extraordinary level of risk to lives, property, environment, social and/or economic wellbeing across jurisdictional boundaries in the region, which could require:

- Non-routine levels of coordination
- Sharing of situational awareness
- Joint decision making
- Prioritizing resources
- Allocating resources

IPREM Mission

To develop and deliver a coordinated seamless regional emergency management strategy, supported by an integrated concept of emergency operations, strategic priorities and supporting plans.

IPREM PROJECTS UPDATE

All Hazard Integrated Regional Concept of Operations

Guiding Principles Endorsed

A key recommendation of the February 2012 Tabletop Exercise called for IPREM to continue moving forward with the All Hazard Integrated Regional Concept of Operations.

An initial working group (six Chief Administrative Officers, four Emergency Program Coordinators and two Emergency Management BC representatives) developed a high level “*Guiding Principles, Rationale and Process*” document. It proposed a framework to help address how this Region will:

- Collectively share information and collaborate on decisions
- Identify roles and authority of elected and appointed officials and other agencies
- Agree on the consultation and approval process

Nine key principles formed the basis of this document. Following initial stakeholder consultation and support, the Metro Vancouver Board (October) endorsed “... *the principles, rationale and next steps for an All Hazard Integrated Regional Concept of Operations, as presented ...*”. IPREM’s working group will now develop the workplan in further detail, continue broader stakeholder consultations and concurrently research potential models and validation processes.

Guiding Principles

1. Local Authorities maintain autonomy
2. Utilize existing structures to achieve regional coordination
3. Utilize existing resources
4. Pro-active leadership
5. Scalable, flexible and layered approach
6. Model(s) focus on process(es) to determine outcomes
7. Local Authorities commitment
8. Collaborative decision making
9. Preparedness, training and exercises

The “*Guiding Principles, Rationale and Process*” document was endorsed by:

- Regional Administrative Advisory Committee, June 27
- Regional Emergency Planning Committee, July 20
- Emergency Management British Columbia, August 23
- Mayors’ Committee, October 3
- Metro Vancouver Board, October 19

Next Steps:

- Continue consultation with regional stakeholders
- Refine Guiding Principles, confirm rationale and process

Regional Emergency Communications Strategy

On October 22, 2012 the Canadian Interoperability Technology Interest Group (CITIG) hosted a regional forum. IPREM presented a review of their work-to-date and proposed steps forward. A facilitated discussion followed on interoperability in our region, the roles of various stakeholders and key challenges that currently exist.

A project charter to define IPREM's role, through the next phase of regional emergency interoperable communications planning, is being developed based on emergency communications stakeholder engagement and workshops hosted to date. Emergency communications between Emergency Operations Centres is the focus of the working group, which could be used as a pilot for other communications networks.

Regional Hazard/Risk Assessment

IPREM hosted a follow up workshop to compare outcomes from its six hazard workshops (including Defence Research and Development Canada's analysis), Regional Emergency Planning Committee's list of relevant hazards and collectively established a list of "*Broad Hazard Categories with the Greatest Potential Impacts to Metro Vancouver*".

Next Steps:

- IPREM to compile an After Action Report (methodology, outcomes and recommendations) and anticipate distribution of report in Spring 2013
- As a legacy from this project, Subject Matter Experts will update and package the hazard scenarios, which can be used by Local Authorities for future planning initiatives and emergency exercises

Critical Infrastructure Assurance

The working group Debriefed the Freshet 2012 response, reviewed the processes used for conducting outreach and information sharing with Critical Infrastructure (CI) sectors in the Region, and identified enhancements for future CI Advanced Planning that needs be to coordinate through the Provincial Regional Emergency Operations Centre and CI sector networks.

Next Steps:

- Examine the potential impacts to CI within Metro Vancouver for each of the priority hazards that were identified during the Regional Hazard/Risk Assessment workshops. The first to be discussed is the 7.3M Strait of Georgia earthquake, followed by the recent Haida Gwaii Earthquake/ Tsunami, including indirect impacts to Metro Vancouver
- Investigate the "*Guiding Principles*" proposed for the Regional Concept of Operations and their applicability to restoration priorities

Operability:

The ability of emergency personnel to establish and sustain communications in support of mission operations

Interoperability:

The ability of emergency personnel to communicate between jurisdictions, disciplines, technologies, and levels of government, as needed and authorized. **Operability is required for interoperability **

IPREM PROJECTS UPDATE

Disaster Response Routes (DRR)

Based on the outcomes of the Regional Concept of Operations Table Top Exercise, the working group has been focusing on updating DRR processes:

- Tag applications and approvals
- Route adjustments and additions

Revisiting and validating how the DRR network is used following a catastrophic event will be addressed in the New Year.

Regional Disaster Debris Management (RDDM)

The Working Group is proceeding with the stakeholder engagement process which will include recommendations as to plan ownership, ongoing RDDM program funding and process for developing debris specific projects following a major emergency.

Hurricane Sandy has provided a reminder and an example of a region dealing with disaster debris management following a major event. Below are some links specific to their cleanup efforts and challenges, which could be applicable to this project:

- <http://waste360.com/disaster-preparedness/waste-industry-digs-out-after-sandy>
- http://usnews.nbcnews.com/_news/2012/11/17/15240017-sandy-debris-piles-up-at-queens-park-4500-tons-and-counting?lite
- <http://www.nj.gov/dep/special/hurricane-sandy/debris.htm>

Upcoming 2013 IPREM Meeting Schedule

Working Groups

- | | |
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| • <i>Regional Emergency Communications Strategy</i> | January 15 |
| • <i>Critical Infrastructure Assurance</i> | January 16 |
| • (joint meeting with the BC Provincial CI Committee) | |
| • <i>Regional Disaster Debris Management</i> | January 23 |
| • <i>Regional Hazard Risk/Assessment (tentative date)</i> | January |
| • <i>All Hazard Integrated Regional Concept of Operations</i> | February 13 |
| • <i>Disaster Response Routes (tentative date)</i> | February |

Steering Committee

March 14

Consultation

Draft RDDM document has been distributed for review. If you would like to receive a copy to review, email info@iprem.ca



The Integrated Partnership for
Regional Emergency
Management in Metro Vancouver

Visit us at
www.iprem.ca

Questions or Comments?
info@iprem.ca



IPREM Bulletin has now been published for a year. We would like your feedback on:

1. How can the Bulletin be more effective?
2. How would you like to receive this Bulletin (email, website, other)?
3. Do you have an idea/article you would like to see in future bulletins?