



## Message IPREM Co-Chairs

At the April Steering Committee meeting, the 2012 and 2013 IPREM Strategic Plan supported by work plan deliverables, received formal approval. The focus continues to support our collective vision of Metro Vancouver as a disaster-resilient region through identification of primary and secondary regional emergency initiatives. Please visit our website to learn more at [www.iprem.ca](http://www.iprem.ca)

Advanced Planning for the 2012 Freshet provided opportunities to highlight many of IPREM’s project initiatives including Critical Infrastructure, Disaster Response Routes and Disaster Debris Management.

IPREM staff, Working Groups and workshop participants have been hard at work, and as a result, significant progress has been achieved. IPREM is cognisant of the major time commitment asked of its stakeholders and therefore, welcomes your suggestions on how we can better utilize everyone’s knowledge, expertise and time. IPREM projects rely on your engagement to ensure the initiatives reflect the current needs and priorities of the region. Feedback can be forwarded to Lori and Jake, IPREM Co-Chairs at [info@iprem.ca](mailto:info@iprem.ca)



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## IPREM Project Focus

### Recommendations from the Regional Tabletop Exercise

Participants of the February 16, 2012, All Hazard Regional Concept of Operations regional exercise were encouraged to review and evaluate the existing regional component of the British Columbia Emergency Response Management System (BCERMS), in order to look at regional situational awareness, priority setting, decision making and resource sharing for the Metro Vancouver Region.

The exercise was co-facilitated by the Justice Institute of BC and Emergency Management BC and included 72 participants (from 34 agencies) who identified three priority recommendations:

- IPREM should continue work on the Integrated Regional Concept of Operations initiative
- IPREM should research potential additions to the current BCERMS concept of operations model to support regional priority setting and decision making from Local Authority Emergency Operations Centres (EOC) to the Provincial Regional Emergency Operations Centre (PREOC)
- Given the high expectations of the PREOC that participants identified (regional priority setting and decision making), EMBC should review and validate the capacity of the PREOC to meet these expectations

Seven additional recommendations are embedded into the following project updates.

### IPREM Vision

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

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## British Columbia Emergency Response Management System (BCERMS) Response Goals :

- Provide the Safety and Health for All Responders
- Save Lives
- Reduce Suffering
- Protect Public Health
- Protect Government Infrastructure
- Protect the Environment
- Reduce Economic and Social Losses

## 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.

## All Hazard Integrated Regional Concept of Operations

- Following the successful Tabletop Exercise (TTX), an initial Working Group (consisting of Chief Administrative Officers and Emergency Planning Coordinators) was established to bring forward proposed principles, rationale and process for a Regional Concept of Operations to include:

- 1) Agree on how the local authorities will share information, collaborate on decisions impacting the region and coordinate resources for regional emergencies
- 2) Identify and clarify the roles and authority of elected and appointed officials and other agencies, likely to be involved regional emergencies (e.g., regional traffic management; regional disaster debris management)
- 3) Agree on the consultation and approval process for an All Hazard Integrated Regional Concept of Operations

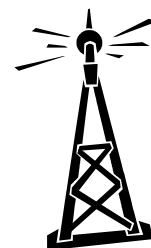
### Next Steps:

- Presentation to the Regional Administrative Advisory Committee (RAAC), review with them the draft principles and agree on a proposed consultation and approval process
- Working with the BCERMS Advisory Committee to coordinate the IPREM All Hazard Integrated Regional Concept of Operations initiative with the BCERMS' review

	# of Participants	# of Agencies
Local and Regional	48	21
Provincial	15	4
Federal	3	3
Partnering Agencies	5	5
Private Sector	1	1
<b>TOTAL</b>	<b>72</b>	<b>34</b>

## Regional Emergency Communications Strategy

- Workshops in the Fall validated the Lower Mainland Emergency Communications:
  - Interoperability Vision “We can communicate as required and authorized through a collaborative and sustainable regional framework in support of a disaster resilient region”, and
  - Strategic Framework, which is based on a modification to the *Canadian Communications Interoperability Continuum* and include consideration of:
    - Governance
    - Standard Operating Procedures
    - Technology (Voice and Data)
    - Education, Training and Exercises
    - Frequency of Use and Familiarity
- A Focus Group met on May 31 and identified a process for building awareness of the project and a method for seeking further “buy in” from key stakeholder entities



## Regional Hazard/Risk Assessment

- Subject Matter Experts helped developed a variety of scenarios to complete the five Hazard Category Rating Workshops
- Preliminary workshop results were presented to participants on March 28

### Next Steps:

- Work with Defence Research and Development Canada to analyze the results and help establish a prioritized list of hazards and risks for the region
- Establish a Working Group to develop terms of reference and work plan for completing the Regional Hazard Risk/Assessment project
- Package the workshop materials (scenarios, definitions, assessment tools, etc) for use during future local and regional exercises
- Finalize Regional Hazard Risk/Assessment Report

	# of Participants	# of Agencies
Local and Regional Authorities	31	16
Provincial	15	7
Federal	5	4
Partnering Agencies	14	10
Non Government/Private Sectors	8	7
Post Secondary	3	1
<b>TOTAL</b>	<b>76</b>	<b>45</b>

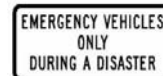
Hazard Category	# of Scenarios
Natural	14
Human Accidental	11
Technological	10
Human Intentional	10
Terrorism CBRNE	7
<b>TOTAL</b>	<b>52</b>

### Functional Areas Represented in the Hazard/Risk Assessment Workshops:

- Agriculture (Food and Animal)
- Ambulance
- Animal Response
- Border Services
- Economics
- Emergency Management
- Emergency Social Services
- Engineering
- Environmental
- Finance
- Fire
- Hazmat and CBRNE
- Health
- Hydro and Gas
- Insurance
- Meteorological
- Police
- Private Sector
- Public Works
- Research (Geological and Climate Change)
- Risk Management
- Telecommunications
- Transportation

## Disaster Response Routes (DRR)

- The DRR Working Group is following up on the specific recommendations identified from the All Hazard Regional Concept of Operations TTX:
  - EMBC/PREOC, in conjunction with the Ministry of Transportation and Infrastructure (MoTI), be assigned the role of coordinating authorization of inter-jurisdictional disaster response routes as well as coordinating movement of resources and supplies on those routes across the region
  - EMBC, in conjunction with the MoTI, establish pre-arranged agreements and protocols with route owners/regulators for the use of their routes including how they link into the network, use and control, and contact procedures
  - All levels of government and other stakeholders need to proactively educate the public and responders about Disaster Response Routes



## 10 Critical

### Infrastructure Sectors:

- 1. Energy and Utilities
- 2. Finance
- 3. Food
- 4. Government
- 5. Health
- 6. Information and Communications Technology
- 7. Manufacturing
- 8. Safety
- 9. Transportation
- 10. Water

## Critical Infrastructure Assurance

- Working with EMBC’s South West PREOC Advance Planning Unit, to reach out to Critical Infrastructure (CI) owners to anticipate impacts of flooding, discuss strategy for response and recovery as needed and update their 24/7 contact information
- The Working Group is following up on the specific recommendations identified from the All Hazard Regional Concept of Operations TTX:
  - IPREM collaborate with EMBC to develop a formal procedure for the ongoing identification of CI, their interdependencies and priority restoration
  - IPREM collaborate with EMBC to develop common processes for establishing and communicating regional restoration priorities for Critical Infrastructure

## Regional Disaster Debris Management (RDDM)

- Guidelines have been shared with the Japanese Tsunami Debris Coordination Committee
- The Working Group is following up on the specific recommendations identified from the All Hazard Regional Concept of Operations TTX:
  - EMBC, Metro Vancouver and Local Authorities investigate approving and jointly funding the RDDM program (as per the Draft RDDM Working Plan) including identifying a plan owner and Regional Disaster Debris Management Program Coordinator
  - Until the above recommendation is achieved, that EMBC/PREOC, use the Draft RDDM Working Plan as a tool for making regional decisions on disaster debris management

## 2011 Stanley Cup Riot Review

The Stanley Cup recommendations assigned to IPREM have been referred to the relevant IPREM project initiatives and will be considered as part of their work plans

## 2012 Emergency Management Events

### IPREM SCHEDULE

**The next issue of the Bulletin will include a schedule of proposed IPREM workshop dates**

October 18 - 19

4th Annual CATA First Responder Vendor Outreach Forum, Vancouver, British Columbia

[http://www.cata.ca/Media and Events/FR\\_VOF/BC/](http://www.cata.ca/Media and Events/FR_VOF/BC/)

October 24 - 26

9th Annual Canadian Risk and Hazards Network Symposium, Vancouver, British Columbia

<http://www.crhnet.ca/annualsymposium/annualsymposium.htm>

November 6 - 8

25th Annual Emergency Preparedness Conference, Vancouver, British Columbia

<http://host.jibc.ca/epconference/index.htm>



The Integrated Partnership for Regional Emergency Management in Metro Vancouver

Visit us at

[www.iprem.ca](http://www.iprem.ca)

Questions or Comments?

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