

## Telemeeting Notes

September 18, 2013, 10:30 – 11:30

1-877-413-4790 conference ID 3381344#



@RiskAUG

CanHUG LinkedIn

## Introduction

The forum is the 21th of monthly opportunities to share knowledge about incorporating Hazus Risk Assessment into disaster reduction decisions in Canada. The NRCan Quantitative Risk Assessment Project of the Public Safety Geoscience Program supports the forum until February 2014 (or so).

Resources can be found at:

<http://www.hazuscanada.ca>

<http://www.usehazus.com/canadianhug>

## ***Attendees:***

Will Chow, Natural Resources Canada

Phillip Dawe, Defense Research Development Canada

Robert Harris, Public Safety New Brunswick

Nicky Hastings, Natural Resources Canada

Christa Jacobucci, Manitoba Infrastructure and Transportation, Emergency Measures Organization

Cameron Kaytor, Agriculture Canada

James Ogilvie, WorleyParsons

Jim O'Leary, City of Vancouver

Melony Mccarthy, Public Safety, New Brunswick Region

Miro Nastev, Natural Resources Canada

Sarah North, nhc (Northwest Hydraulics Consultants)

Bert Struik, Natural Resources Canada

Carol Wagner, Natural Resources Canada

Tim Webb, ESSA Technologies

## ***Suggested telemeeting program :***

- 1 Meet and greet as we make the phone connection
- 2 News and views
- 3 Presentation:
  - 3.1 Update on the development of Hazus Canada, including the flood module
- 4 Discussion.

## ***News and Views***

### **Training**


Spots are often available in FEMA training programs at EMI in Emmitsburg Maryland and other venues across the USA. Check the course schedules at <http://training.fema.gov/emicourses/>

The courses are paid by FEMA, your travel expenses are up to you. To enroll, contact Philip Moore at (301) 447-1248

## **Hazus Conference in Indianapolis Indiana August 5 -7, 2013**

Great conference! A short summary of conference highlights are available as a blog on the [hazuscanada.ca](http://hazuscanada.ca) webpage. Polis Institute and Central Hazus Users Group hosted the meeting and will do so again in August of 2014.

### **Resources**

- HAZUS Group [www.linkedin.com](http://www.linkedin.com) is the USA HUG message board and discussion forum. National Hazus user group meets second Tuesday of every month.
- Podcasts of USA National HUG calls can be found on iTunes. They have announcements of Hazus developments and presentations on Hazus case studies and techniques. Search in iTunes on Hazus. The Search results box will return no results; look below that under iTunes listings and you find podcasts under:
  - the USA National HUG.
  -  previous National HUG coordinator, Jamie Caplan. Jamie included early CanHUG podcasts, as she is a big supporter of CanHUG.
- Hazus Higher Education Research Consortium (HERC) chaired by Paul Sambanis, University Of Illinois at Chicago and Shane Hubbard, University of Iowa (each PhD students).
  - The group is looking for more members who are part of the higher education community and who use Hazus. If interested, email [HAZUS.HERC@gmail.com](mailto:HAZUS.HERC@gmail.com) or [hazus@arcaspicio.com](mailto:hazus@arcaspicio.com) and you will be added to the distribution list and kept informed of future activities, including conference calls.
  - see <http://www.usehazus.com/herc/> for background, resources and contact information.

- Hazus Canada Website <http://www.hazuscanada.ca>
  - You can use it to order a copy of Hazus Canada 2.1 , get material of past and future meetings, ask questions and have discussions.

## **CRHNet Annual Symposium and National Platform for Disaster Risk Reduction**

Sessions on Hazus, LIRA and risk assessment. November 5 – 8, 2013, Regina Saskatchewan  
<http://crhnet2013.mhrisk.ca> Registration is open.

## **Hazus and Risk Assessment Project Inventory**

<http://raug.mhrisk.ca> > Projects

Submit your project and let people know who you are and what you are doing.

## **Projects**

Northwest Hydraulics is working with the City of Vancouver to use Hazus to calculate potential losses from coastal flooding. Contact Sarah North, Jim O'Leary or Dan Campbell for details.

Province of Manitoba and academic partners will conduct a Hazus flood study around the municipality of St. Andrews, Manitoba. Contact Christa Jacobucci for details

Province of New Brunswick and academic partners will conduct a Hazus flood study of a watershed in New Brunswick. Contact Robert Harris and Melony Mccarthy for details.

Province of Quebec and academic partners will conduct a Hazus flood study of the Richelieu watershed. Contact Miro Nastev for details.

**Remember to share your CanHUG topic and CanHUG project suggestions!**

## **Presentation**

### ***Update on development of Hazus Canada and its flood module:***

By Nicky Hastings, Carol Wagner and Will Chow

Slide deck is [canhug\\_sept18\\_2013.pdf](#)

podcast is [CanHUG\\_podcast\\_2013-09-18.ogg](#)

Topics covered include:

- Background on NRCan Hazus Canada project
- Developing a new Canadian national people and asset inventory for distribution with Hazus.
  - Uses 2011 census data and divisions
  - Flood module will use dissemination blocks: smallest division of census Canada. Requires interpreting contents of the blocks from the larger Dissemination areas.
  - Has aggregated data for each block; not individual buildings
  - Incorporation of national data set on buildings used for business and industry as derive from Dun and Bradstreet commercial dataset
- Creation of study regions using 2011 national data
  - implications
- How the USA occupancy schemes are used in Canada
- Use of flood grids in Canada for use of the Flood module
- Canadian flood-depth damage functions derived from those of USA
- Development of Canadian coast line for use in flood module
- Current testing of the beta version of the Hazus Canada flood module
  - Can use your help in testing with supply of flood depth grids you have for various parts of Canada. Please share them with Nicky Hastings ([nicky.hastings@nrcan.gc.ca](mailto:nicky.hastings@nrcan.gc.ca))

### ***Discussion following the presentation and Q&A on [hazuscanada.ca](http://hazuscanada.ca) website use.***

Projects across Canada can use the [hazuscanada.ca](http://hazuscanada.ca) website for their project interaction and document sharing. It can be used as groups or as document storage. Project Groups can be private or public and host, blogs, forums, event posting, document and image posting and are managed by a project contact. Members of the team would get notified when new content is added. Registered [hazuscanada.ca](http://hazuscanada.ca) site users would need to request joining a project group. Registered members are now automatically added to the CanHUG group.

Webex sessions (or the like) on how to use the website can be arranged. Please let Bert Struik ([bert.struik@nrcan.gc.ca](mailto:bert.struik@nrcan.gc.ca)) know if you would like such sessions and whether you would like to use the site for a project group. The sessions can be done as part of a CanHUG meeting or separately.