

Telemeeting Notes

October 16, 2013, 10:30 – 11:30
1-877-413-4790 conference ID 3381344#



@RiskAUG
CanHUG LinkedIn

Attendees

Steve Dickie, PEI	Glen Magel, BCIT	Shona van Zyll de Jong, Indep.
Joe Drechsler, nhc	Melonie McCarthy, PSC-NB	Steve Walker
Nicky Hastings, NRCan	Miro Nastev, NRCan	Tim Webb
Suzanne Houdli, UMan	Charlene Menezes, nhc	Crista Jacobucci, Manitoba
Kelli Kryzanowski, EMBC	Sarah North, nhc	Eugene
Eugene Kozera, Manitoba	Jean René Rivard, NRCan	
Jim O'Leary, Vancouver	Bert Struik, NRCan	

Introduction

The forum was the 22nd 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>

Telemeeting program :

- 1 Meet and greet as we made the phone connection
- 2 News and views
- 3 Presentation: Overview of the current Hazus studies in Canada ; by Miroslav Nastev, Hazus Canada Project Manager
- 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

ESRI hosts online Hazus courses.

- <http://www.esri.com/industries/public-safety/tools/hazus>

Resources

- HAZUS Group 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 or 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.

Suzanne asked about flood run data

She asked if asset information were available to run a level 1 flood loss estimate for somewhere near her study area in Manitoba. In short, the answer was yes. The US Hazus 2.1 disc comes with the US national level asset inventory and a level 1 analysis can be run with that inventory. The US Hazus version could be used to then run a level 1 flood loss estimate for a town on the Red River in North Dakota for instance.

Presentations to the CanHUG were made on Hazus flood loss estimates for Minot North Dakota. Links to those are:

<http://hazuscanada.ca/content/canhug-meeting-2013-05-15>

<http://hazuscanada.ca/content/canhug-meeting-material-2012-05-16>

The 2012 presentation describes a rapid assessment tool for flooding.

Found these by typing Minot in the search box of the Hazuscanada.ca website.

Suzanne plans to run a level 1 analysis for her study area first and then use that to determine areas for more detailed analysis.

Sarah working on flood study for City of Vancouver.

Check with Sarah North of nhc (northwest hydraulics consultants) in Vancouver if you would like more information on their work.

Remember to share your CanHUG topic and your project descriptions!

Presentation

Overview of the current Hazus studies in Canada ; by Miroslav Nastev, Hazus Canada Project Manager

Slide deck and podcast available on the hazuscanada.ca website.

Notes:

Miro summarized how NRCan got into creating a Canadian version of Hazus through agreement with FEMA.

Miro summarized the following projects involving aspects of Hazus.

- Asset inventory tool using a touchscreen computer in the street and a desktop in the office with Google street view.
- Asset inventory data gathering from tax database in Quebec (unique to that database)

- Building damage curves for masonry buildings (USA does not have these)
- Damage functions for debris flows (published)
- Soil maps for pilot regions in Canada (St Lawrence lowlands, District of North Vancouver, Ottawa, Montreal, Quebec City)
- Running damage functions outside of Hazus to run quick damage assessments (uses a spreadsheet with imbedded formulas)
- Evacuation modeling for Montreal
- differential damage to pipelines passing through discontinuous permafrost
- flood loss estimate for the Richelieu River area near Quebec City
- Barnston Island flood loss estimate done by nhc as a pilot to test capability
 - included test of information for agriculture loss analysis
- Visually comparing Hazus loss estimates using Community Viz
- Visuallization of Hazus outputs through the Multi-Agency Situational Awareness System (MASAS)
- NRCan Hazus earthquake pilot studies for District of North Vancouver and St. Lawrence lowlands
- NRCan conversion of Hazus earthquake and flood models and the CDMS tool (comprehensive data management system)
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Discussion

Q: would insurance companies share their inventory data?

A: NRCan has purchased national datasets for business and industry from Dun and Bradstreet and used the Stats Canada information for residential buildings and demographics.