

# National Capitol Region Hazus User Group Conference Call

Thursday, October 29, 2015 at 10am EST

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## Thanks:

- Thanks to everyone who is attending the call today and for the presenters who shared with us.
  - o Tim Walsh - [tim.walsh@dnr.wa.gov](mailto:tim.walsh@dnr.wa.gov) (Washington State Department of Natural Resources): New Tsunami Hazard Modelling for the Long Beach Peninsula and the Rest of the Washington Coast (slides 7-44)
  - o Mourad Bouhafs - [Mourad.Bouhafs@atkinsglobal.com](mailto:Mourad.Bouhafs@atkinsglobal.com) (Atkins): Tsunami Methodology Validation (Slides 45-66)

## Speakers:

- **Call Details** – Meeting minutes, presentation and audio will be posted after the call (slide 2)
- **Agenda** – (slide 3)
- **Announcements** (slide 4-6)
  - o Hazus Courses at EMI announced through January 2016 ([training.fema.gov/emiweb](http://training.fema.gov/emiweb))
    - Next class coming up is E174 Hazus-MH for Earthquake taking place NOV 16-19, 2015
    - EMI Hazus Training Specialist – Jordan Manos ([Jordan.manos@fema.dhs.gov](mailto:Jordan.manos@fema.dhs.gov))
- **8th Annual Hazus User Conference**
  - o Atlanta Georgia – December 9-11, 2015
  - o Theme: "Hazus and the Emergency Management Life Cycle: From Practice to Policy."
  - o Registration is free and you can reserve your ticket at <http://www.hazusconference.com/>
    - **Accommodations**
      - The Emory Conference Center Hotel online group reservations: <https://resweb.passkey.com/go/hazus>
      - Reservations will be accepted based upon availability up until NOV 20, 2015.
- **Geospatial Resources and News** (Slide 6)
  - o **Hurricane Joaquin data, services and websites.**
    - **Academia:** <http://flood.umd.edu>
    - **State/Local:** Before and after imagery swipe tool: <http://scemd.maps.arcgis.com/apps/StorytellingSwipe/index.html?appid=d073b65eeee14704ae1fdbf034dc0b58#>
    - **Map Tour:** <http://scemd.maps.arcgis.com/apps/MapTour/index.html?appid=45bfbe2a2cc04f74960c35ef28582a7f#>
- **Presentation** - New Tsunami Hazard Modelling for the Long Beach Peninsula and the Rest of the Washington Coast (slides 7-44)
- Includes Video file
  - o History of Cascadia subduction zone activity, Earthquake cycle and predictive modeling
    - Modeled 15 Cascadia rupture scenarios – Defined in T-Shirt sizes
      - M1 – M8.9 Most Likely Scenario

- The full length of Cascadia ruptured, on average, with a 550 yr recurrence interval. Research proposed that smaller ruptures occurred between the larger ones and were confined to the south.
- **Presentation – Tsunami Methodology Validation (Slides 45-66)**
  - Methodology tested in 2012-2013
  - Validation efforts were carried out during development (based on tsunami damage data obtained from the historical 1964 Alaska EQ and the 2011 Tohoku EQ)
  - Only building inventory at site-specific level considered in this exercise with damage and economic loss modules.
    - Tsunami Analysis Prototype (TAP) for Hazus
      - Customized implementation (hybrid) of the hazard module for reading and interpreting input data
      - (a selection) Observations and Recommendations
        - Tsunami methodology valuable in assessing tsunami risk and in providing planning scenarios for prone communities
        - Methodology is most reliable when level 2 hazard data is available and used
        - Results are quite sensitive to DEM resolution
- **Visualization of the Month (Slides 67-68)**
  - Flood UDF and Earthquake UDF results
  - Please take a look at these graphics and be prepared to discuss their value and drawbacks, during our next call.

#### Related Documents/Links:

- 9/24/15 Slide Deck with Audio Recording: [http://www.usehazus.com/uploads/forum/October292015\\_NationalCapitolRegionHUG\\_PresentationB.pdf](http://www.usehazus.com/uploads/forum/October292015_NationalCapitolRegionHUG_PresentationB.pdf)
- All NCR HUG Recordings: <http://www.freeconferencecalling.com/Recordings/Podcast.aspx?bridge=697620&accountid=1116753>
- Hazus application and state datasets direct download: <https://msc.fema.gov/portal/resources/hazus>

**Next Call:** Thursday, November 19, 2015 at 10AM EST

- Conference # 1-302-202-1110
- Pass code # 697620
- Presentation: TBD
- Presentation: TBD