

# National Capitol Region Hazus User Group Conference Call

Thursday, July 25, 2013 at 10am EST

**Leader:** Cynthia McCoy, FEMA Region III – Risk Analyst - 215-931-5530 - [cynthia.mccoy@fema.dhs.gov](mailto:cynthia.mccoy@fema.dhs.gov)

## Thanks:

- Thanks to everyone who is attending the call today. We are using Adobe Connect to share the presentation during the call today. We will also post the recordings on the HUG website.

## Announcement:

- Hazus is now available for internet download.
  - o The software and datasets can be downloaded separately.
  - o Please use the following link:  
<https://msc.fema.gov/webapp/wcs/stores/servlet/CategoryDisplay?catalogId=10001&storeId=10001&categoryId=12013&langId=-1&userType=G&type=14>

## Roll call:

- MD – Ken Hranicky (City of Baltimore)
- MD – Michael Scott (Salisbury University)
- PA – Cynthia McCoy (FEMA Region III)
- PA – Mike McGeehin (RAMPP)
- PA – Ernie Szabo (PEMA)
- VA – James Mawby (Dewberry)
  
- IN – Kevin Mickey (Indiana University, Polis Center)
- NC – Eric Coughlin (NCHUG - Leader)
- NY – Laura Blackstone (FEMA NY JFO – Long Term Community recovery)

## Speakers:

- Cynthia – Meeting minutes, presentation and audio will be posted after the call today (slide 2)
- Agenda – (slide 3)
- Announcements (slide 4-5)
  - o Upcoming Hazus courses at EMI (through end of 2013)
    - E317 Comprehensive Data Management for HAZUS-MH: August 12-15 2013
    - E190 Arc GIS for Emergency Managers: October 21-24 2013
    - E313 Basic HAZUS-MH: November 18-21 2013
    - E172 HAZUS for Flood: December 5-2 2013
    - E174 HAZUS for Earthquake: December 9-12 2013

- Offsite Courses
  - **L313 Basic HAZUS-MH:** July 29 – August 1 2013 in *Cranston, RI*
  - **L190 Arc GIS for Emergency Managers:** September 9-12 2013 in *Indianapolis, IN*
- **Just around the Corner** - 2013 Hazus Symposium in Indianapolis, IN from August 5-7 (Slide 4)
  - It isn't too late to register!
  - Please visit this site to register and learn more about the HAZUS symposium: <http://hazusconference2013.eventbrite.com/>
- Next HAZUS-MH Update!!!
  - **Update to 2010 Census data and General Building Stock**
  - **HAZUS-MH 2.2 will function with Arc GIS 10.2**
  - **Goal – December 1, 2013 Release date!**
- Presentation – (Ongoing Project) Hazus-MH for Puerto Rico– by James Mawby (Slides 6-27)
  - This presentation is a precursor to the full presentation that will be given at the HAZUS Symposium in August in Indianapolis.
  - Primary Goal of this project is to produce a working application to model hurricane winds and coastal flood modeling in Puerto Rico using Hazus-
  - The efforts have improved inventory for Municipios de Carolina, San Juan y Trujillo Alto
    - Based on building-specific data
    - Improve population counts based on recent PR Community Survey
  - This work will provide additional ability for the Puerto Rico Planning Board to aid communities with creating DMA2000 compliant risk assessments
- Project Update – Ken Hranicky, City of Baltimore, MD (Slides 28-36)
  - Please see the April NCR HUG Presentation for more detail on rationale behind the HAZUS Risk Assessment for the City of Baltimore - [http://www.usehazus.com/uploads/forum/April252013\\_NationalCapitolRegionHUG\\_Presentation.pdf](http://www.usehazus.com/uploads/forum/April252013_NationalCapitolRegionHUG_Presentation.pdf)
  - The enhanced HAZUS risk assessment will be utilized in the Updated All-Hazard Mitigation Plan as well as
    - Climate Change Adaptation
    - New building code regulations and policy
    - Floodplain Mitigation
    - Continuity of Operations Planning
  - Next addition to the Baltimore HAZUS Risk assessment will be to integrate forecasted storm surge extents of TS Sandy (projected to impact Baltimore), to further illustrate the imminent flood risk facing the City.
- How-To – Community Viz - Combining risk assessment + development impact analyses by Cynthia McCoy (Slides 37-52)
  - This presentation will be provided in more detail during the August NCR HUG Call

- Community Viz is useful for comparing the environmental impact and social value of different development scenarios and decisions
    - Informing future land use, development, growth pattern decisions
  - Additionally it is ideal for comparing potential losses due to natural hazards, for multiple development scenarios
    - Justifying development restrictions in a specific, sensitive, or high risk areas
  - Program Limitations + Lessons Learned
    - No edits are saved to the shapefile database, only to the scenario in Community Viz.
    - If a point shapefile is prepared outside of Community Viz, the database schema names are too long for Arc GIS conventions,
      - The names must be edited in Community Viz before using the Scenario 360 HAZUS Export tool.
    - If running only the Build Out Model in the HAZUS Export tool, add the schema required for UDF and Essential Facilities to minimize export errors.
- **Group Discussion - HAZUS Data Governance (53-54)**
- Central location to host all HAZUS data - **GeoPlatform** <http://fema.maps.arcgis.com/home/>
  - FEMA Regional POCs will be responsible for updating and maintaining the data for their region (FEMA Region III POC – Cynthia McCoy)
    - James Mawby - Interested in better access to the Hpr. files and related products produced by the MOTF during activations through a FTP download.
      - Accompanied with narrative of inputs and intended use of the analysis
    - Kevin Mickey – In the final guidance of the HAZUS data governance on the Geoplatform and elsewhere our data is stored, include a narrative of exactly what has been updated to the base inventory and what the analyst did.
      - In addition to the Hpr. files, upload the source files to be compatible with any version of HAZUS
      - Ideal world - Directly link to that resource and download 'best available' data without having to walk through a CDMS update process.
- *A summary of this discussion will be presented during the FEMA HAZUS POC meeting at the HAZUS Symposium in Indianapolis IN, to inform the HAZUS risk assessment data governance on the FEMA Geoplatform and elsewhere.*
- Cynthia – New HAZUS Ready Data + Geospatial Web Portals (Slides 55-56)
- FEMA Region III Risk MAP HAZUS Hpr. Files on PASDA: <ftp://www.pasda.psu.edu/pub/pasda/fema/HAZUS/>
  - FEMA Region III Risk MAP Depthgrids on PASDA: <ftp://www.pasda.psu.edu/pub/pasda/fema>
  - FEMA Region III Risk MAP Information Portals: [www.riskmap3.com/](http://www.riskmap3.com/)
  - **USGS Flood Inundation Mapper:** <http://wim.usgs.gov/FIMIReview/FloodInundationMapper.html>

- **Stream Stats:** <http://water.usgs.gov/>
- Cynthia – If you would like to gain access to the Google Collaboration resources please email your Google login ID to Jenna ([Jenna.McGee@amec.com](mailto:Jenna.McGee@amec.com)) (Slide 57)
  - There is one site for the NCR with group contact information.
  - A second site is shared nationally and includes information about data and training sharing and requests.
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- Cynthia - Next Call (Slide 58)
  - Request for presentation – TBD
  - Request for How-To – 1. Cynthia – More in depth look at Integrating Community VIZ Risk Assessment tool in HAZUS

#### Related Documents:

- July Call Slide Deck with Audio Recording:  
[http://www.usehazus.com/uploads/forum/July25013\\_NationalCapitolRegionHUG\\_Presentation.pdf](http://www.usehazus.com/uploads/forum/July25013_NationalCapitolRegionHUG_Presentation.pdf)

#### Next Call:

- Thursday, August 22<sup>th</sup> at 10am EST  
(We typically schedule our call during the last Thursday in each month)
  - Conference # 1-267-507-0240
  - Pass code # 697620
  - Link to Adobe Connect will be posted on LinkedIn closer to call date.