

National Capitol Region Hazus User Group Conference Call

Thursday, February 25, 2016 at 10am EST

Leader: Cynthia McCoy, FEMA Region X – Risk Analyst - 425.487.2241 - cynthia.mccoy@fema.dhs.gov

Thanks:

- Thanks to everyone who is attending the call today and for the presenters who shared with us.
 - o Cynthia McCoy (FEMA): Multi-Hazard Risk Assessment Lifecycle Cradle-to-Cradle (slides 7-26)
 - o Zack Baccala (ExaSpatial Risk Management): How to utilize Hazus 3.0 and ArcGIS with SQL State Databases (Slides 27-48)

Meeting Notes:

- **Call Details** – Meeting minutes, presentation and audio will be posted after the call (slide 2)
- **Agenda** – (slide 3)
- **Announcements** (slide 4-6)
 - o **Upcoming Hazus Courses**
 - Hazus Courses at EMI announced through September 2016 (training.fema.gov/emiweb)
 - Next Course - **E296 Application of Hazus-MH for Risk Assessment:** March 21-24, 2016
 - EMI is discussing the option to provide Virtual and Distance Training
 - Jordan Manos, the Hazus Course contact at EMI, has left FEMA as of December 2015
 - In the meantime, Hazus-related course questions can be sent to Lillian Virgil (lillian.virgil@fema.dhs.gov)
 - We will be updating the Hazus website and flyers with the new contact's name once they have been brought on board
 - o **HAZUS-MH Modernization Update**
 - Deployment date for Hazus 3.1 is April 4, 2016
 - Will only be supported on Windows7 and Windows 8.1, 64 bit machines.
 - Upgrade the database from SQL Server 2008 to SQL Server 2014
 - Hazus 3.1 will require a new installation. It is NOT a patch.
 - All virtual courses on the Esri website will be updated, starting with the Hazus Basic and Hazus Flood courses that are taught at EMI. The updated EMI courses will not be taught until the remaining courses are updated.
 - o **Geospatial Resources and Natural Hazard News**

USGS Open-File Report 2016–1019: Flood-Inundation Maps of Selected Areas Affected by the Flood of October 2015 in Central and Coastal South Carolina
http://water.usgs.gov/floods/events/2015/Joaquin/data_ofr20161019/

The Web Mercator Visual and Data Analysis Fallacy

<https://glenbambrick.com/2016/02/03/web-mercator-fallacy/>

USDA – Forest Service Geospatial Training opportunities for March 2016

<http://fsweb.nrm.fs.fed.us/support/training/>

- **Presentation** - Multi-Hazard Risk Assessment Lifecycle Cradle-to-Cradle (slides 7-26)
 - o Risk Assessment Life Cycle (Defined by FEMA Region X, Risk Analysts)
 - Value of the Risk Assessment and Role of the Analyst
 - Obstacles to use the assessment to inform Mitigation action
 - Case Studies in varying stages of the risk assessment cycle
 - Accomack & Northampton PDC, VA
 - o Development Phase – Ongoing discussions
 - Developing more comprehensive view of risk
 - Changing perceptions about future scenarios
 - o The Nature Conservancy Resiliency Mapping Portal
 - www.maps.coastalresilience.org
 - City of Baltimore, MD
 - o Updating Hazard Mitigation Plan and Risk Assessment
 - Evaluating new methods for evaluating risk
 - Updating countywide building stock and hazard data
 - Revisiting the analysis and local coordination (Considerations)
 - Plan integration and coordinate planning cycles
 - Data Shelf Life
 - Significance of Communication & Data Visualization
 - Impacts credibility of entire assessment and model
 - Recommendations/Best Practices
 - Engage Stakeholders (Federal, State, Local, Private and University)
 - Develop a Data management plan
 - Utilize University Expertise
 - Prioritize hazards and communities
- **Presentation** - How to utilize Hazus 3.0 and ArcGIS with SQL State Databases (Slides 27-48)
 - o Downloading and preparing the State data for Hazus use
 - Extracting SQL database
 - o Creating Study Regions
 - o Hazus SQL databases with ArcGIS
 - Connect to State SQL Database
 - Export for editing
 - o Advanced User Options
 - Connecting to SQL outside of Hazus
 - Switch between dasymetric and homogenous blocks

- **Visualization of the Month** – Visuals will be provided in advance of the March call

Related Documents/Links:

- 2/25/16 Slide Deck with Audio Recording:
- http://www.usehazus.com/uploads/forum/February252016_NationalCapitolRegionHUG_Presentation2.pdf
- All NCR HUG Recordings:
<http://www.freeconferencecalling.com/Recordings/Podcast.aspx?bridge=697620&accountid=1116753>

Useful Links:

[Hazus Download Page](#) on the Map Service Center

[User Release Notes](#) for Hazus-MH 3.0

[Hazus Modernization Factsheet](#)

[Dasymetric Data Overview](#) and [Flyer](#)

[Hazus-MH 2.1 Technical and User Manuals](#), the most current technical documentation for Hazus

[Hazus Online Download Tutorial and Quick Reference Guide](#)

Next Call: Thursday, March 31, 2016 at 10AM EST

- o Conference # 1-302-202-1110
- o Pass code # 697620
- o Presentation: – Data creation Geared to the World as Columbus had Proven it! - *Steve Kocsis, Cambria County, PA*
- o Presentation: TBD