

National Capitol Region Hazus User Group Conference Call

Thursday, March 31, 2016 at 10am EST

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Thanks:

- Thanks to everyone who is attending the call today and for the presenter who shared with us.
 - o Steve Kocsis (Cambria County, PA): Data Creation Geared to the World as We Know it! (slides 8-39)
 - o Visualization of the Month: 3D Flood Impact (Slides 40-42)

Meeting Notes:

- **Call Details** – Meeting minutes, presentation and audio will be posted after the call (slide 2)
- **Agenda** – (slide 3)
- **Announcements** (slide 4-7)
 - o **Upcoming Hazus Courses**
 - **E313 Basic Hazus-MH & E172 Hazus-MH for Flood:**
 - **EMI Course Update Round 1:** These courses are being updated to Hazus-MH 3.0 and ArcGIS 10.2.2 (Slated to complete: Summer 2016. Courses ready during next slated occurrence)
 - **E176 Hazus-MH for Floodplain Managers:** July 18-21, 2016
 - **E317 Comprehensive Data Management for Hazus-MH:** August 29-September 1, 2016
 - **E179 Application of Hazus-MH for Disaster Operations:** September 26-29, 2016
 - **EMI Course Update Round 2:** These courses are being updated to Hazus-MH 3.0 and ArcGIS 10.2.2 (Slated to complete: Winter 2016/early 2017. Courses ready during next slated occurrence)
 - **EMI is moving forward with Virtual and Distance Training opportunities**
 - 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.
 - o All virtual courses on the Esri website will be updated to Hazus-MH 3.0 and ArcGIS 10.2.2 (15 courses). Slated on final delivery – Summer 2016
 - o **Geospatial Resources and Natural Hazard News**
 - **Upcoming Esri Webinars**
 - Introduction to Hazard Analysis and Planning – Technical Overview –April 21st
<http://www.meetup.com/ArcGIS-for-Emergency-Management/events/228406415/>

- **US Forest Service Geospatial Training** – April 5, 10:00-2:00PM MDT
 - Understanding & Using Monitoring Trends in Burn Severity (MTBS) Data
http://fsweb.geotraining.fs.fed.us/www/index.php?lessons_ID=3393

- **Presentation** - Data creation Geared to the World as We know it! (slides 8-39)
 - Working with the local data to prepare for import into CDMS and Hazus
 - Whittle down local inventory data to update HAZUS inventories, select Census Tracts that intersect the floodplains, select parcels, address points, building footprints that intersect, or have a centroid in the Census Tracts.
 - Scrutinize source data to capture information, Parcel ID, SiteAddressPointID, and BuildingFootprintID key to relationships for transferring data.
 - Applying math to values for property, using multipliers for content values, and estimating elevations/number of stories based on ground and top of feature heights
 - Working with elevations be careful of anomalies
 - CDMS Site Specific Inventory does not equate to HAZUS UDF but will allow you to import records once they're properly prepared
 - Hazus User Defined Facilities (UDF) are the right place to import the data for our HMP and 100yr floodplain analysis.
 - Think 3D.
 - 100yr flood analysis on UDF displayed by Building % Damaged/Total Loss Dollars
 - Analysis on points can leave some properties off the map
 - Elevation and point analysis should be done on the corner of a building that is deepest within the floodplain

- **Visualization of the Month** – 3D Flood Impact (Slides 40-42)
 - 3D images, particularly perspective and birds eye views allow for a more dramatic depiction of risk
 - Contiguous view of water
 - Include a local landmark, street name or statue to make the images more significant and for orientation
 - More successful when images become more local in their extent
 - Provide functionality to toggle back and forth between dry and wet or levels of flooding impact
 - Utilize the Arc GIS Pro application
 - Connect the 3D impact to flood insurance or losses avoided messaging

Related Documents/Links:

- 2/25/16 Slide Deck with Audio Recording:
http://www.usehazus.com/uploads/forum/March312016_NationalCapitolRegionHUG_Presentation.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](#)

Hazus Outreach team email has changed:

- Old: hazus@arcaspicio.com
- New: hazus-outreach@riskmapcds.com

**This is not the same as the Hazus Helpdesk which solves for Hazus-MH technical issues

Next Call: Thursday, April 28, 2016 at 10AM EST

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