

National Capitol Region Hazus User Group Conference Call

Thursday, October 27, 2016 at 7am PT / 10am ET

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 presenter who shared with us.
 - o *Eric Hopkins & Kurt Donaldson (West Virginia University, GIS Technical Center)*
WVU Multi-hazard Risk Assessment Proposal–Technical Support to local Natural Hazard Mitigation Planning for flood, landslide, and dam/levee failure. (slides 9-47)
 - o *James Mawby (Dewberry)*
How to Presentation –Install a UDF Database through the backend using Arc-Catalog & Sequel Server Express. (slides 48-62)

Meeting Notes:

- **Call Details** – Meeting minutes, presentation and audio will be posted after the call (slide 2)
- **Agenda** – (slide 3)
- **Announcements** (slide 4-8)
 - o **Upcoming Hazus Courses**
 - E313 Basic Hazus-MH& E172 Hazus-MH for Flood courses will be ready to host in Hazus-MH 3.0, during next slated occurrence in EMI Course Calendar (Fall/Winter 2016)
 - Currently Delivered to EMI for review
 - Remaining courses Being updated to be ready during next slated occurrence(Spring/Summer 2017)
 - Update on track!
 - o **9th Annual Hazus Conference 2016** - Charleston, SC
 - November 7 –9, 2016
 - **Theme:** ‘Achieving Disaster Resilience through Hazus Innovation’
 - **Conference registration website is up:** www.hazusconference.com
 - Registration is open through **November 1, 2016**
 - Looking forward to seeing you all next week!
 - o **Release of Hazus 3.2 – October 31, 2016**
 - **Link to Complete Hazus 3.2 Functionality & Defects Document:**
http://www.usehazus.com/uploads/forum/Hazus_3.pdf
 - o **Geospatial Resources and Natural Hazard News**
GIS guidance for rural local governments
<http://www.oregon.gov/geo/Documents/Local%20Government%20GIS%20Road%20Map.pdf>

New topographic map of the world
<https://techcrunch.com/2016/10/11/five-years-of-observations-from-tandem-satellites-produce-3d-world-map-of-unprecedented-accuracy/>

Using the National Map Products and Services

<http://training.usgs.gov/TEL/TheNationalMap/TNM-TEL-Index.html>

- **Presentation** - WVU Multi-hazard Risk Assessment Proposal—Technical Support to local Natural Hazard Mitigation Planning for flood, landslide, and dam/levee failure. (slides 9-47)
 - o A Statewide Approach to Risk Studies
 - Goal 1: Establish a Communication and Training network for exchanging risk assessment information and technical skills among local, state, federal and other entities.
 - Goal 2: Exchange Best Available Data among local, state and federal Geoplatforms
 - Goal 3: Create a statewide inventory of all buildings and facilities exposed to flood hazard, dam/levee failure and landslide susceptibility zones.
 - Goal 4: Develop Statewide depthgrid
 - Goal 5: Perform county level risk assessments for all 55 counties using UDF building inventories.
 - Goal 6: Review and identify data gaps for key GIS data layers for risk assessment studies (parcels, addresses, imagery, elevation, flood layers, critical infrastructure, etc.)
 - Goal 7: Publish supplemental risk assessment reports for local and state HMP.
 - Goal 8: Publish input and output model data associated with risk assessments on State and Federal Geoplatforms.
 - Goal 9: Upload 2D and 3D flood risk and dam failure maps to the Risk MAP view of the WV Flood Tool - <http://www.mapwv.gov/Flood/>
- **How to Presentation** - Install a UDF Database through the backend using Arc-Catalog & Sequel Server Express
 - 1) Connect via Arc Catalog and add database connection
ArcCatalog > Database Connections > Add Database Connection
 - 2) Identify the relevant spatial and tabular objects
 - 3) Develop a “working dB” to place an export of the back-end tables as well as stage data developed for varying Hazus scenarios.
 - 4) Load data and specify UDF points desired
 - 5) Add and perform filed matching
 - 6) Perform loading for both relevant objects; spatial and table
 - 7) Check the Hazus Front end to confirm the data exists
Hazus Inventory>User Defined Facilities
- **Available Outreach Materials & Hazus Contacts** – (Slides 63-64)

Related Documents/Links:

- This Month’s Slide Deck with Audio Recording:
- http://www.usehazus.com/uploads/forum/October272016_NationalCapitolRegionHUG_Presentation_FLNAL.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](#)

[Foundation Height Flyer](#)

[Virtual and EMI Course listings flyers are now up on fema.gov](#)

[Check to see if you qualify for Hazus Professional or Practitioner Certification](#)

Hazus Outreach team email:

- New: hazus-outreach@riskmapcds.com

Next Call: Thursday, November 17, 2016 at 10AM ET / 7AM PT

- Conference # 1-302-202-1110
- Pass code # 697620
- Risk Assessment Presentation: Asteroid Generated Tsunami, Cynthia McCoy
- Visualization of the Month: TBD