

National Capitol Region Hazus User Group Conference Call

Thursday, October 31, 2013 at 10am

Leader: Cynthia McCoy, FEMA Region III – Risk Analyst - 215-931-5530 - cynthia.mccoy@fema.dhs.gov

Thanks:

- Thanks to everyone who is attending the call today and for the presenters who shared with us.

Roll call:

State	Name	Organization
DC	Greg Vernon	WMATA
DE	John Laznik	University of DE
PA	Alexis Sites	Blair County
PA	Cynthia McCoy	FEMA Region III
WV	Eric Hopkins	WVU GIS Tech Center
VA	Eston Spain	IEM
DC	Greg Tune	Red Cross
VA	James Mawby	Dewberry
DE	Jay Gerner	DelDOT
VA	Jennifer McGee	AMEC
DE	Jeremy Gibb	City of Dover
VA	John Aguinaldo	USGS
VA	Dave Strong	USGS
PA	Jonathan Madaras	Washington Co PA
IN	Kevin Mickey	Polis Center
VA	Mahiuddin Shaik	Michael Baker Corp.
VA	Melissa Hall	VA DCR
DE	Michael Kirkpatrick	DelDOT Planning
PA	Mike McGeehin	RAMPP
VA	Nigel Waters	GMU
VA	Shawn Dias	GMU
DE	Silvana Croope	DelDOT
PA	Steve Kiouttis	PEMA
PA	Steve Kocsis	Cambria County
	Trevor Mackessy-Lloyd	

Speakers:

- Cynthia – Meeting minutes, presentation and audio will be posted after the call today (slide 2)
- Agenda – (slide 3)
- Announcements (slide 4-5)
 - o Hazus Courses at EMI announced through August 2014 (training.fema.gov/emiweb)
 - o 2013 Hazus Symposium Presentations available on www.UseHazus.com/ncrhug website

- Presentation - Hazus-MH Applications in DE – Silvana Croope (Slide 8-24)
 - o UN and IPCC research and recommendations on “climate change”
 - o Interdependencies of Infrastructure systems – Hazus can help
 - o Hazus: Before Event (diagnosis) and After Event (metrics)
 - o Multiple data sources & tools
 - o Mapped critical infrastructure statewide
 - o Review of current and past strategic actions for DeIDOT
 - o Michael Kirkpatrick – Follow up and additional project detail

- FEMA Region 3 Training Update (slides 6) – was held on October 22-25, 2013
 - o About 40 attendees for base training
 - o 55+ individuals participated in an Interactive Discussions on Friday
 - Opened up discussions about data sharing and active projects
 - Want to do statewide data assessments to determine data gaps and facilitate training
 - Integration between Risk MAP and Hazard Mitigation
 - o Kevin Mickey – Reflection on training
 - Received multiple requests to have continued training and collaboration options.
 - Feel free to contact him for further inquiries

- Presentation “How-To” – Developing depth grids for riverine floodplains – Cynthia McCoy (slide 25-34)
 - o This is one of several ways to create depth grids.
 - The Hazus FIT tool is an alternative that is not discussed here
 - o Need Xs with flood elevations, DEM and floodplain polygons
 - 1. Create a TIN from Xs (for each stream)
 - 2. Convert TIN to Raster
 - 3. Mosaic all water surface rasters to a single file
 - 4. Calculate depth grid (water minus ground)
 - 5. Extract by Mask to clip depth grid by floodplain boundary

- Additional Reminders
 - o New Hazus Ready Data (slide 35)
 - Available on PASDA website to download
 - Soon to connect the HAZUS Hpr. files and depthgrids to the GeoPlatform
 - Please submit your HAZUS Hpr. files and HAZUS databases to contribute to the Region wide geospatial collaboration.
 - o Geospatial Web Portals (slide 36)

- RiskMAP3 website (www.riskmap3.com/)
- USGS Flood Inundation Mapper
(<http://wim.usgs.gov/FIMIRReview/FloodInundationMapper.html>)
- Stream Stats (<http://water.usgs.gov/>)
- Hazus Data & Training Collaboration (slide 37)
 - Google Drive site – email Jenna to get access (jenna.mcgee@amec.com)
- Next Call (slide 38)
 - Thursday November 21th, 2013 (see call details below)

Related Documents/Links:

- Slide Deck with Audio Recording:
 - http://www.usehazus.com/uploads/forum/October_31_2013_NationalCapitolRegionHUG_Presentation.pdf
- Hazus download:
 - <https://msc.fema.gov/webapp/wcs/stores/servlet/CategoryDisplay?catalogId=10001&storeId=10001&categoryId=12013&langId=-1&userType=G&type=14>

Next Call:

- Thursday, November 21th at 10am EST
 - Conference # 1-267-507-0240
 - Pass code # 697620
 - Presentation: TBD
 - How-To: Using HEC-GeoRAS demo - Plot floodplains from georeferenced HEC-RAS models. – Jennifer McGee (AMEC)