

May 4, 2011 NCHUG Conference Call – Minutes

Start Time: 2:30 pm

End Time: 3:30 pm

Participants:

Eric Coughlin, Atkins, NCHUG Leader
Jamie Caplan, Jamie Caplan Consulting
Brenna Reilly, Jamie Caplan Consulting
Shelby Hudson, AMEC Earth and Environmental
Brent Slone, AMEC Earth and Environmental
David Stroud, AMEC Earth and Environmental
Caroline Cunningham, Atkins
Garrett Shields, ESP Associates
Melissa Berry, SCEMD
Scott Wade, Eastern Carolina University

1. Introduction

- A. This call is being recorded as a Podcast. Link will be posted on NCHUG website when available.
- B. Review of call agenda
 - i. Hazus 2.0 release information and highlights
 - ii. National Hazus topics/Hazus conference
 - iii. NCHUG Updates
 - iv. Brent Slone presentation

2. Quick review of last call

- A. Discussed core software developments in MR-5 and CDMS 2.6
- B. Teased Hazus 2.0
- C. Reviewed latest technical help resources
- D. Discussed the Higher Education Resources Clearinghouse group and initiative
- E. Training Opportunities
- F. Hazus Outreach
- G. Presentation: Joe Kirby and Garrett Shields from ESP Associates - *Leveraging Rich GIS and DFIRM Datasets for Enhanced Risk Assessments and Communication in FEMA Region VI, a Hazus Level 2 Proof of Concept*

3. Hazus 2.0

- A. MR5 was released a few months back with very few changes
- B. Hazus 2.0 – the next version – should be out by Hurricane Season (end of May or early June 2011)
 - i. You can pre-order 2.0 now online at the FEMA Map Service Center (<http://www.msc.fema.gov/>)
 - ii. Direct link to the Hazus software is: <http://www.msc.fema.gov/webapp/wcs/stores/servlet/CategoryDisplay?catalogId=10001&storeId=10001&categoryId=12013&langId=-1&userType=G&type=14>
 - iii. You need to first create an account to order the software.

- C. Hazus 2.0 has a different nomenclature because it signifies a “Major Release” as opposed to a minor change or addition to the system.
- D. There are 3 significant functionality improvements:
 - i. Coastal Storm Surge Modeling capability
 - a. Uses SLOSH and SWAN models in Hazus to model surge
 - b. Reduces the double counting/over estimation of losses that occurs if you couple the coastal flood model with the hurricane wind outputs.
 - c. Storm surge is not its own module in Hazus
 - d. Outputs are building , content, and inventory losses
 - ii. Hazus 2.0 is formatted for ESRI ArcGIS 10, service pack 1
 - a. It is NOT compatible with ArcGIS 9.3.1 anymore
- E. The development environment has been significantly upgraded
 - i. Major behind-the-scenes improvements
 - ii. The release notes will include major aspects of these changes
 - iii. The truncation problem that exists with UDF latitude/longitudes has been fixed
- F. Other improvements
 - i. CDMS is now included with Hazus 2.0
 - a. CDMS was once a separate piece of software
 - b. Now it is within Hazus and will be sent with the new 2.0 software
 - c. CDMS is almost like a 4th module
 - ii. Flood shelter analysis has been optimized for larger regions
 - iii. Return periods in the flood analysis have been adjusted
 - a. Old = 10, 50, 100, 200, 500
 - b. New = 10, 25, 50, 100, 500
 - iv. Average Annualized Loss: trying to fix problems in analysis, but will not be present in 2.0
 - v. New Utility: HPR extraction tool to extract certain fields from the databases. The tool is found under the Program Files→FL→util
 - vi. Roughness/Terrain has been updated with new information for the wind module
 - vii. Updates to historical storm database
- G. Next Hazus Update/Release
 - i. Not sure if it will be a “major release” (3.0) or a minor release (2.1)
 - ii. Will include the 64-bit functionality

4. National Hazus Outreach Updates

- A. Podcasts of the Topic Specific National HUG calls are now available online on www.usehzaus.com
- B. The 5th Annual Hazus Conference is being planned right now.
 - i. No official details at this time on when or where
 - ii. The conference committee is soliciting submissions for the Map Gallery
 - a. Encourage anyone interested to submit a map – even if you cannot attend the workshop
 - b. Deadline is July 15th for maps and June 3rd for presentations
- C. Call for papers to present at the conference
- D. More information can be found here: <http://www.usehazus.com/forums/viewthread/235/> , or watch <http://www.hazus.net>
- E. The March Hazus Hot Zone is out

- i. <http://www.usehazus.com/news/newsletters/>
- F. Upcoming Training
 - i. Hazus for Flood at EMI – July 11 – 14
 - ii. Hazus for Risk Assessment – September 12 – 14
 - iii. Basic Hazus-MH – September 19 – 22

5. NCHUG Updates

- A. Scott Wade: ECU is hosting some upcoming workshops and meetings
 - i. 2011 Hurricane Workshop
May 18-19, 2011
Greenville, NC
[Workshop Website](#)
 - ii. 2011 NCAUG Eastern Symposium Meeting
May 25, 2011
Greenville, NC
[Meeting Website](#)
- 6. Guest Speaker/Presenter– Brent Slone: Tips, Tricks and Troubleshooting Riverine Flood Analysis in Hazus
- 7. Wrap-up
 - A. Next call date is tentatively scheduled for July 13th at 2:30am
 - B. Check the website for any more updates