

## SEPTEMBER 11, 2007 NEW PROJECTS AND TECHNICAL ASSISTANCE

### CALL PARTICIPANTS

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| 1. Vincent Brown, FEMA Headquarters                               | 9. Jamie Mitchem, California University of Pennsylvania                |
| 2. Jamie Caplan, Jamie Caplan Consulting LLC                      | 10. Miguel Pavon, Texas Natural Resources Information System (TNRIS)   |
| 3. Rich Davies, Western Disaster Center                           | 11. David Pimentel, Texas Natural Resources Information System (TNRIS) |
| 4. Sue Evers, FEMA Region 7                                       | 12. Joe Rachel, FEMA Region 4  |
| 5. Ron Hess, Nevada Bureau of Mines and Geology                   | 13. Jonathan Salomon, Northeast States Emergency Consortium            |
| 6. John Knight, South Carolina Division of Emergency Management   | 14. Liz Wojdak, Southern California Association of Governments         |
| 7. Tom LeBlanc, Texas Governor's Division of Emergency Management |  |
| 8. Beth Miller-Howser, PBS&J                                      |  |

### FUTURE CALL SCHEDULE – TO PARTICIPATE 1-800-320-4330 PIN 675346#

- **MR3 - Q & A** **Thursday, October 18, 2007 11:30 am Eastern Time**
  - **Speakers: PBS&J HAZUS Developers**
  - **Send in questions to [jamie@jamiecaplan.com](mailto:jamie@jamiecaplan.com) prior to October 12<sup>th</sup>.**
- HAZUS Training Tuesday, November 13, 2007 3:30 pm Eastern Time
- HAZUS Application Library Thursday, December 06, 2007 11:30 am Eastern Time
- HAZUS University Clearinghouse Thursday, January 10, 2008 1:00 pm Eastern Time
- Success Story Presentations Tuesday, February 05, 2008 2:00 pm Eastern Time
- Model Efforts by State EMA's Friday, March 07, 2008 Noon Eastern Time
- Supporting HUGs with Expert Resources Thursday, April 10, 2008 Noon Eastern Time
- HAZUS National User Conference Tuesday, May 06, 2008 2:00 pm Eastern Time
- Data Collection Thursday, June 12, 2008 Noon Eastern Time
- Using HAZUS for "other" Hazards Wednesday, July 16, 2008 2:00 pm Eastern Time
- HAZUS Conference Update Tuesday, August 12, 2008 1:00 pm Eastern Time

### TRAINING ANNOUNCEMENTS AND CONFERENCES

- The Kansas Association of Mappers Annual Conference will be held September 23-26, 2007
- Bay Area HAZUS User Group Meeting, October 1, 2007 – held at CAOES
- Texas GIS Forum, October 1-5, 2007 <http://www.tnris.state.tx.us/Forum2007/default.aspx>
- EMI Course E190 ArcGIS has openings, October 15-18, 2007 <http://training.fema.gov/>
- HAZUS Flood Course, December 2007, Sacramento, California – sponsored by the California Central Valley HUG

### HAZUS USER OF THE YEAR!

The HAZUS User of the Month program has changed. We will now announce four HAZUS Users of the Year, one each quarter. Please take the time to complete the attached nomination form or visit [www.hazus.org](http://www.hazus.org) for more information.

Congratulations to three winners: Jamie Mitchem, Jonathan Solomon, and Linda Sibert.

## HAZUS USER GROUP WEB PAGES

All HAZUS User Group web pages will be maintained by Jamie Caplan and Rich Davies. Please review your page on [www.hazus.org](http://www.hazus.org) and send us comments, updates or suggestions. The pages will be revised to share a consistent look and feel.

## HAZUS USER GROUP UPDATES

### BAHUG

The BAHUG is having a meeting on October 1, 2007. The purpose of the meeting is summarizing who is using HAZUS in the region and for what purposes. John Bartlett, FEMA Region 9 will be in attendance.

The California Central Valley HUG will get underway with a HAZUS Flood course held in December, 2007 in Sacramento. Sacramento, CA is prone to levee breaks and flooding.

### FEMA REGION 4

Joe Rachel reported that FEMA Region 4 has become an official HAZUS Knowledge Center during hurricane season. The Region is putting together a list of procedures for using HAZUS and will make these available upon request.

FEMA Region 4 is working closely with South Carolina to put a web portal pilot project together. The project has the goal of

### NVHUG

The revised state pre-disaster mitigation plan will include updated data and HAZUS flood analysis. In addition, Level 2 HAZUS analysis will be conducted wherever possible. A discussion took place on the call about using HAZUS for the revised mitigation plans and it seems that most states have used HAZUS. South Carolina reports they are using the flood module for riverine flooding but not for flash flooding. Pennsylvania is using HAZUS for flood analysis as well.

### HEARTLAND HUG

The Kansas Association of Mappers Annual Conference will be held September 23-26, 2007 and Jim Taylor of the Heartland HUG will present HAZUS.

Sue Evers recommended that everyone review the Mitigation Best Practices at <http://www.fema.gov/plan/prevent/bestpractices/index.shtm> there is an online template to complete. Many of the HAZUS User Group activities should be submitted here.

### 3RIVERSHUG

The 3RiversHUG held their first conference and had 38 people in attendance.

HAZUS was presented at the California University's 1st Annual Conference on Corporate and Homeland Security, sponsored by the Department of Justice, Law, & Society, "A public and private partnership coming together in defense of our homeland". The luncheon keynote speaker is the President of ASIS Steve Chupa and the dinner keynote speaker is the Director of Homeland Security of Pennsylvania, Jim Powers.

A California University of Pennsylvania student, a 3RiversHUG member now has an internship with Allegheny County to track tourists in the city of Pittsburgh.

A HAZUS Level 2 analysis focusing on building footprint data is being done in the region and the University is updating its' pre-disaster mitigation plan by using HAZUS. The school is in a floodplain.

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## NEHUG

NESEC has revised its webpage and the HAZUSNET webpage.

NESEC continues to provide HAZUS technical assistance to each of its participating states and local communities. In addition, NESEC has developed a real-time hurricane map and a real-time earthquake map.

## NEW PROJECTS AND TECHNICAL ASSISTANCE

The following projects and others are funded by FEMA for the next year. As these projects take shape they will be reviewed in detail on these calls. The focus of this work is to promote and support the use of HAZUS.

- HAZUS Newsletter
- HAZUS Application Library
- HAZUS User Group Technical Assistance
- University HAZUS Compendium
- HAZUS User Conference – will be held in conjunction with the ESRI Conference, August 2008.

## PARTICIPANT REQUEST

Sue Evers, FEMA Region 7 – requests a contact for who is using HAZUS for multi-hazard loss estimations. Contact Sue at [sue.evers@dhs.gov](mailto:sue.evers@dhs.gov)

## HAZUS MR3 DESCRIPTION

[http://www.fema.gov/plan/prevent/hazus/hz\\_news.shtm#1](http://www.fema.gov/plan/prevent/hazus/hz_news.shtm#1)

HAZUS-MH MR3 will operate on ArcGIS 9.2 SP2 and an upgrade to Microsoft SQL Server, SQL Express, which will allow the creation of larger study regions. In the state data DVDs, residential data has been updated to Census 2007 and commercial data has been updated to Dun & Bradstreet 2006. Building valuations have been updated to R.S. Means 2006. Actual building counts will be available instead of calculated building counts.

In the Flood Model, the building analysis will run faster and new capability will be provided for importing user supplied flood maps and National Flood Insurance Program (NFIP) maps. In the Hurricane Model, storms for 2004 and 2005 have been added to the historic storms database and the existing historic storms have been updated based on a revised hurricane windfield model. Use of NOAA hurricane advisory data to model storms has been

restored with an adjustment feature for calculating building damage and loss. Vulnerability functions have been implemented to calculate additional losses to manufactured housing due to tree blowdown. In the Earthquake Model, population distribution parameters in the casualty module will be adjustable. Partial ignitions have been eliminated in the fire-following module.

#### ATTACHMENTS

- HAZUS User of the Year Nomination Form