

DECEMBER 6, 2007 HAZUS APPLICATION LIBRARY

CALL PARTICIPANTS

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| 1. Jamie Caplan, Jamie Caplan Consulting LLC | 10. Jonathan Salomon, Northeast States Emergency Consortium |
| 2. Rich Davies, Western Disaster Center | 11. Larry Voice, FEMA Region 6 |
| 3. Tom Durham, PBS&J | 12. Wanda Rizer, Design 4 Impact |
| 4. Tom LeBlanc, Texas Governor's Division of Emergency Management | 13. Liz Wojdak, Southern California Association of Governments |
| 5. Beth Miller-Howser, PBS&J | 14. Nicki Hastings, Canada |
| 6. Jamie Mitchem, California University of Pennsylvania | 15. Hilary Stephens, Greenhorne & O'Mara |
| 7. Lisa Flax, PBS&J | 16. David Pimentel, Texas Natural Resources Information System |
| 8. Sue Evers, FEMA Region 7 | 17. Jochen Albrecht, CUNY, Hunter College |
| 9. Gale Foss, Jamie Caplan Consulting | |

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

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| • 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 |

HAZUS APPLICATION LIBRARY

The HAZUS Application Library is a searchable library of abstracts that represent HAZUS applications and lessons learned that reflect the work accomplished over the past ten years. The HAZUS Application Library will be organized in such a way that users will be able to cross reference abstracts relating to reports, resources, and data and modeling efforts for specific scenarios and projects. This sharing of information will bolster communication within the HAZUS-MH user and developer community to enhance capabilities, reduce duplication of efforts, save time in preparing studies and analyses, and provide insight on how the model is being used. The database will include information from universities, private sector, utilities, federal, state, local governments, and nonprofit organizations. The abstracts will include links to completed studies, contact people and additional data. The HAZUS Application Library will demonstrate practical uses of HAZUS that to be used in HAZUS utilization reports, and to identify emerging issues and trends in the use of HAZUS.

The abstract database will be stored on FEMA.gov with a link via the left hand banner on the HAZUS page. When the link is accessed, the user will move to a searchable page with drop down options or search options on categories such as:

- Hazards (flood, wind, earthquake, other)
- Data use and source(s)
- Emergency management purpose (mitigation, response, recovery, preparedness)
- FEMA Region (1-10)

- Agencies involved in study (federal, state and local government, university, private, utility, nonprofit)

When the requested abstract is found, the user will be able to print the abstract or use the imbedded links in the abstract to obtain the document, or to send an email directly to the owner of the abstract for more detailed information. If the user opts to move to the document that is stored off the FEMA.gov Web site, a message will pop up to let the user know that they are leaving the FEMA.gov Web site. If they chose to contact the owner, they will need to have an email account that is configured to send emails directly from hyperlinks.

The abstracts will be collected via an on-line form from HAZUS users that will be located on FEMA.gov, as well as HAZUS.org and other related HAZUS Web sites. This standard form will be approved by FEMA project managers to ensure that required information is included to best serve the HAZUS user and developer community. The on-line form will be sent to an email address which will be monitored by PBS&J. The completed forms will be reviewed by an assigned committee and a checklist will be completed to ensure all information on the form has been verified prior to uploading it to FEMA.gov. The completed checklist will be kept by PBS&J in project files and approved abstracts will be submitted to webmasters for tagging and upload. Each abstract will be coded based on the search options named above. Information that is deemed relevant for additional recognition will be submitted to the FEMA Information Library and/or Best Practices for uploading to appropriate sections.

The HAZUS Users Web-based Database will continue to encourage the technical cooperation between HAZUS users and enable a consistent flow of information between FEMA and HAZUS users. The database outreach efforts will target training attendees, software distribution efforts and conference attendees.

Comments

Jonathan: we need a technical community forum, a space to exchange tips, tricks, and HAZUS knowledge. Rich: this used to exist on hazus.org and it can again.

Liz: the Application Library is a great idea. It can be used by HUGs for outreach to demonstrate examples of how the software is used in other regions.

Sue: it will be a place to look at past studies, learn from them and adapt them to another region.

Tom: will the library include tutorials or new processes discovered in HAZUS? Jamie Mitchem: Mike Scott did a 100 Year Flood Study tutorial at a conference that was very helpful.

USER GROUP UPDATES

Heartland HUG: The Four Corners Emergency Managers Association used HAZUS runs for an earthquake exercise on December 7, 2007. FEMA Region 4 assisted FEMA Region 7 by providing the HAZUS runs for the scenario.

SoCalHUG: Thirty-five people are already confirmed for the upcoming meeting. **When:** Tuesday / January 15, 2008 **Time:** 9 am to 12 pm **Where:** The SCAG Los Angeles office, 818 W. 7th St., Los Angeles California 90017 **For more info, contact:** Liz Wojdak wojdak@scag.ca.gov

NESEC: Working on a soils update for all of New England which will give more accurate HAZUS analysis.

BAHUG: 1868 Hayward Earthquake Alliance is preparing for the 140th Anniversary of this quake. This fault seems to have earthquakes on a repeat cycle of 140 years. The anniversary activities will be similar to those for the 1906 San Francisco earthquake. A HAZUS run will be conducted.

The DHS Transformation Office, located at EMI, contacted the BAHUG regarding help with earthquake modeling. Rich Davies has coordinated with them to receive the CAOES earthquake runs that Rich Eisner spoke about at last year's HAZUS User Conference. In addition, Joanna Fenton, CAOES, is working toward a HAZUS archive for the state of California that will be similar to the South Carolina efforts.

FLHUG: new website: <http://flhug.hazus.org>

Central CAHUG: This group has officially formed! They kicked-off their organization with an Advanced Flood course taught by Kevin Mickey in Sacramento.

HAZUS USERS OF THE YEAR!

Please take the time to complete the attached nomination form. Thanks to Wanda Rizer it's now a fillable PDF.

TRAINING AND SOFTWARE ANNOUNCEMENTS

HAZUS MR3 Patch is available. The HAZUS-MH MR3 Patch 1 makes adjustments and incorporates improvements in the Flood and Earthquake models, as outlined below. The setup link will guide the user through the process.

Flood Model

- A message has been added to alert the user when memory becomes too low during hydraulic analysis. The user then should close HAZUS using the Task Manager and restart HAZUS. The user then can continue the hydraulic analysis from the point at which memory became too low by selecting the scenario and restarting hydraulics (Delineate Floodplain).
- For a riverine/coastal flood hazard type, riverine and coastal hydraulic analyses can be run with non-matching return periods -- for example, a 100-year return period for the riverine analysis and a 200-year return period for the coastal analysis.
- Coastal analysis is fully operable with the QuickLook feature.
- Coastal analysis results are available for building economic loss in terms of both full replacement values and depreciated values.
- Error messages encountered when running the analysis for user-defined facilities have been eliminated by eliminating zero values for the number of stories.
- Field names for vehicle dollar exposure have been updated.
- The map layer for thematic mapping now shows the same values as the attribute table.
- The HAZUS-MH MR3 Flood Model menu now appears for study regions imported from HAZUS-MH MR2.

Earthquake Model

- Landslide probabilities and peak ground deformations are now generated for site-specific facilities.
- The number of households without potable water and electricity reported in the Summary Reports will no longer exceed the total number of households in the study region.
- The method used to calculate the number of displaced persons in the HAZUS Shelter Module and information in the Technical Manual are now coordinated. Numbers of households now are used instead of incorrect population numbers in Shelter Module calculations.
- The map selection window in the Region Selection Wizard is now consistently visible.

HAZUS Shell

- HAZUS can be installed on ArcEditor.
- E172 ADVANCED HAZUS MULTI-HAZARDS FOR FLOOD - January 14-17, 2008

For further information on enrollment, please contact the NETC Admissions Office, (301) 447-1035, or fax your request to (301) 447-1658. For further information on the course, please refer to the course web site at: <http://training.fema.gov/emiweb/EMICourses/e172.asp> or contact the EMI course manager, Phillip Moore, (301) 447-1248 or email at phillip.moore@dhs.gov.

- 2007 and 2008 EMI Courses

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|------|---|---|
| E170 | Advanced HAZUS-MH for Hurricane | February 4-7, 2008 |
| E172 | Advanced HAZUS-MH for Flood | January 14-17, 2008 June 16-19, 2008 |
| E174 | Advanced HAZUS-MH for Earthquake | April 21-24, 2008 |
| E179 | Application of HAZUS-MH for Disaster Operations | April 14-17, 2008 |
| E190 | Introduction to ArcGIS for HAZUS-MH Users | February 25-28, 2008 |
| E296 | HAZUS-MH / DMA 2000 Risk Assessment | August 4-6, 2008 |
| E313 | Basic HAZUS-MH | April 7-10, 2008 July 14-17, 2008 |
| E317 | Comprehensive Data Management for HAZUS-MH | March 17-20, 2008 September 8-11, 2008 |

HAZUS SUCCESS STORIES

Share your successes! We would like to put together success stories regarding how you are using HAZUS. Have you used HAZUS to update a pre-disaster mitigation plan, or to justify mitigation projects? All projects are relevant. Please give me a call to discuss your work with HAZUS (Jamie 413-586-0867). To view previously published success stories visit www.hazus.org.

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<http://www.fema.gov/help/getemail.shtm> to receive notifications when new information is available. With a subscription profile, you automatically receive updates without having to return to the website and check for changes.

ATTACHMENTS

- HAZUS User of the Year Nomination Form