

## 12/17/08 HAZUS MEETING FOLLOWUP

Time: 1300-1500  
Place: OES HQ, Breakout Room 6 (in the SOC)  
Contact: Ken Leep, Sr. ESC, 916-845-8272

Subject: To meet/greet with those interested in HAZUS MR3 Flood and status/update of projects

Attendees: Diane Vaughn, OES; Kris Higgs, OES; Mitch Miller, OES; Jim Barnes, OES; Rob Mead, OES; Ken Leep, OES; Maria Clay, OES; Maria Lorenzo-Lee, DWR (by conference phone first half); Allan Oto, DWR; Steve Cowdin, DWR; Lynn Baumgras, AMEC; Jeff Brislaw, AMEC; Iovanka Todt, FMA; John Culbert, Sacramento County; Gary Yagade, PBSJ

Topics: There was a brief 1 minute introduction by attendees followed by those listed below providing a 5-10 minute discussion of items of interest.

- Ken, laid out the purpose of the meeting and introduced Diane;
- Diane, welcomed those in attendance to OES, went over a grant that OES has related to HAZUS for the EQ model, had some questions about using the OES EQ grant and OES Flood grant co-jointly, there are also potential opportunities to use the grants for HAZUS complimentary and in a way to avoid duplication;
- Kris, explained the current status and role of OES GIS in relation to HAZUS, presented the status of an OES grant that is intended to use HAZUS for 14 study areas (counties) in the Delta, and had observations related to the advanced flood training that was presented last year in Sacramento;
- Rob, explained the FEMA funded grants that are available through OES, this discussion was based primarily around the use of HAZUS in the development of the state and local hazard mitigation plans, some questions were raised about data development using grant funds;
- Steve, provided the group with the various ways DWR can use HAZUS, the main interest is in using HAZUS for a statewide project, some discussion by the group was raised if this could be broken down into parts with information being shared, there was discussion about the resolution of the data and standardization of the data, Steve is working with Allan and Maria on submitting a grant application to OES that will use HAZUS in the development of a statewide study, PBSJ was brought on board at DWR as a consultant on the project;
- Lynn & Jeff, presented two studies by AMEC that used HAZUS Flood with some details of a statewide study in Missouri, there was some discussion of a study that AMEC is doing in the Tulare Basin related to the potential for a Lake Isabella (Kern County) Dam failure, these were presented in powerpoint, an extended discussion followed that really got down into the weeds including run times, resolution, H/H issues, etc.;
- Iovanka Todt, informed the group about the role of FMA in providing outreach opportunities via the FMA annual conference, sponsoring seminars, FMA website announcements (<http://www.floodplain.org/>), and the interest of FMA in HAZUS Flood as it relates in particular to local government concerns;
- Jim, explained that the OES Technical Assistance Programs section uses HAZUS to assist in gearing up for Preliminary Damage Assessments (PDAs) that are required by FEMA in the aftermath of a disaster when a Presidential Declaration is requested, HAZUS Flood has not been used for this purpose to date;
- Mitch, discussed the OES role as it applies to SB 27 that will take effect in 2009, HAZUS may be used to assist the state in complying with the mandates of the two year bill that applies to the Delta; however, other tools will likely be necessary;
- John, indicated that he received training in HAZUS Flood but has not used it due to a number of issues, the locals really need the basic HAZUS training, having the HAZUS conference in conjunction with the ESRI conference has been helpful, HAZUS is a tool primarily used for mitigation and recovery but the local government emphasis has been to use other H/H tools in the development of plans and for response, HAZUS may be a better tool for local governments working on mitigation plans and recovery projects;
- Ken, explained the role of the HUG, provided a printout and information about the Central Valley HUG website (<http://www.hazus.org/CAValleyHUG/>), the HUG website has links to all the other websites where many of the answers to questions brought up during the meeting can be found, some information on HAZUS presentations at the ASFPM conference including one by Jeff from AMEC, and one by Ray Lenaburg (FEMA Region IX) for studies in three southern California counties were discussed.