

Wednesday, March 20, 2013

Workshop Session 4

Time of Session: 3:30-5:00PM

Session Title: Building Assessment Strategies & Planning

A. Ensuring the Safety of our Institutions of Higher Learning

Speakers: **Deborah Mills** and **Jane Sibley Frantz**,
Dewberry Consultants, LLC

B. Field Planning and Data Collection Practices for Conducting
Detailed Natural Hazard Vulnerability Assessments of Campus
Structures

Speakers: **Shandy Ogea** and **Carol Friedland**, Louisiana
State University

Room: 257

Note Taker: Erin Merrick

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Building assessment strategies & planning

- a. Ensuring the safety of our institutions of higher learning
 - a. Speakers: Deborah Mills; Dewberry Consultants
- b. Field planning and data collection practices for conducting detailed natural hazard vulnerability assessments of campus structures
 - a. Shandy Ogea & Carol Friedland; LSU

Field planning and data collection practices for conducting detailed natural hazard vulnerability assessments of campus structures: Shandy Ogea

- 5 campuses assessed for hurricanes, high winds, and hail using maintenance reports from past to see what was damaged and when
- Used FEMA case studies for guidance
- LSU's Baton Rouge campus has over 300+ buildings; prioritized these buildings based on critical facilities
- Creating a campus specific, standardized survey instrument was a big help
- Important to inspect every aspect of the buildings envelop; different hazards have different impacts on the building
- Unmanned aviation vehicles (UAV) came in very hand during the fieldwork

Questions:

- Was this done before HAZUS?
- (a) Yes; didn't use the generic data; created a database & replaced all generic data from HAZUS & customized for the campuses. HAZUS only had 2 rooftops types. We ran HAZUS at the building level but not the block level.