

Thursday, March 21, 2013

Workshop Session 3

Time of Session: 1:30-3:00PM

Session Title: HAZUS & Other Planning Tools

- A. Advancing Disaster Resistant University Planning Beyond the Basic Requirements

Speaker: **Melanie Gall**, Louisiana State University

- B. A Unique Collaborative Process for Developing a DRU

Speakers: **John Buechler** and **Laura Danielson**, The Polis Center

Room: 250

Head Count: 28

Note Taker: Mallikharjuna Reddy Avula

Notes: **B. A Unique Collaborative Process for Developing DRU**

This presentation is about the DRU of Indiana University

- Indiana university has developed a HAZUS-MH curriculum for its Indianapolis campus
- From Multi-Hazard Mitigation Planning [MHMP] to Disaster Resistant University [DRU]
- MHMP involves the following steps
 - Engagement
 - Collaboration with Indian Geological Society
 - Communication
- Developed a Critical Priority Risk Index [CPRI]for ranking hazards
- Hazard Analysis
 - Qualitative and quantitative
 - Building inventory
 - Community vs campus
 - Modeled community using census blocks information
 - Modeled campus using buildings information
 - Facilities management
 - Insurance
 - Risk management
 - Analysis is done using GIS
- Developed a customized FME using the following available models
 - HAZUS-MH from FEMA
 - HAZMAT spill modeling
 - ALOHA plume analysis
- Requirements
 - Time-extensive
 - Significant research and data collection
 - GIS knowledge
- Worth it
 - Each campus gets a computer model
 - Informed mitigation strategies
 - University has data for getting grants