Innovative Risk Assessment Methodologies at the Campus Level

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Overview

- Challenges of the campus environment
- Advantages of the campus environment
- Special Considerations
- Building categorization and prioritization
- Innovative risk assessment
- Stakeholder involvement
Challenges of the campus environment

- Data limitations
  - National data sets
  - Census boundaries

- Temporary population
  - Range of geographic backgrounds
  - Challenges of public education

- Off campus students
  - Responsibility beyond the campus?

- Multiple Populations
  - Staff, Faculty, Students...
Advantages of the campus environment

- Access to various experts
- Smaller study area
- Connection to research community
- Students
- Campus specific data
- Universities know how to:
  - Teach
  - Research
Special Considerations

- Research
- Special collections and archives
- University mission
- Multiple campuses across multiple geographies
- Revenue streams
- Legal Concerns
- Perception of the University
- Relationship with municipalities, counties, etc.
Building categorization and prioritization

- Which buildings serve unique functions?
- Which functions can be easily relocated?
- Which buildings can you least afford to lose?
- Which buildings house vulnerable populations?

- BUT, IT’S NOT JUST ABOUT BUILDINGS
  - People, mission, community, infrastructure, research, etc.
Innovative risk assessment

- Adapt to the level of data available
- Use all tools available
  - HAZUS boundary files
  - Local mitigation plans
  - Building modeling
- Qualitative Risk Assessment
  - Probability
  - Potential impact
  - Level of preparedness
Stakeholder involvement

- Risk Assessment Workshop
- Student Survey
- Faculty Survey
- Staff Survey
- Off campus stakeholders
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