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# Innovative Risk Assessment Methodologies at the Campus Level

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# 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?
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- **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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