

**Report Out Slides  
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**Buildings & Facilities Committee**

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# Community Panel Goals – 18 Months

## “Helping Communities Recover Better & More Resilient”

### - Inspired by Hurricanes Harvey, Irma and Maria

- Develop a Decision Support Framework to help communities become more resilient by identifying key resilience questions communities should be asking, and providing resources to help them understand best practices for community resilience. The framework will address 3 main areas:
  - **Recovery Support** – What are the decisions that need to be made to facilitate recovery (i.e., building back better)? What questions should communities be asking? This will include developing guidance for getting started in resilience planning and helping communities understand their risks.
  - **Knowledge Gaps** – What tools and information are available? What best practices/success stories can be identified from recent disasters (e.g., Hurricanes Harvey and Irma)?
  - **Standards and Codes/Regulations/Best Practices** – What communities need to know? How can the minimum health safety and welfare requirements be enhanced?

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- Were these storms “design” storms?
  - Harvey
    - Close to a design wind event at Rockport only, not Houston
    - Beyond a rainfall & flood design event in Houston
  - Irma
    - Not a design wind event in the US, maybe in St. Maarten
    - Not a design flooding event
    - Not a design storm surge event
  - Maria
    - A design wind event in Puerto Rico
    - A design rainfall event in the mountains
    - Not a design storm surge event

# Community Panel Goals – 18 Months

- What are the Community Recovery Goals for these Storms?
  - Hurricane Harvey
    - ???
  - Hurricane Irma
    - ???
  - Hurricane Maria
    - Puerto Rico goals are given at Status.PR
    - Divided into Sectors
      - Not the same sectors as the Planning Guide

# Sector Teams

- NIST Planning Guide Sectors Team
  - Healthcare
  - Governmental
  - Residential & Hospitality

# Questions to be Asked

- Residential & Hospitality
  - How long will people stay and work toward recovery?
  - How many people can leave without affecting the recovery?
  - What are the minimum habitability standards for housing?
- Healthcare
  - How will medically fragile populations be evacuated?
  - Where will outpatient medically fragile populations (peds, dialysis, and addiction treatment) go for continuity of care? (power, medical supplies, medicines)
  - When will these outpatient medically fragile populations be able to access medical care?
  - How do I know if the buildings that I need for continuity of care will be operational?

# Questions to be Asked

- **Governmental**
  - What is your community?
  - Do you know what your community's risks are?
  - How are you going to get information from government?
  - What do you expect from your government?

# A “Few” Conclusions

- Shelter-in-place for wind and seismic is the best policy.
- Specific land use planning requirements needed/improved for flood conditions.
- Better planning for surge capacity
- Better planning for mass evacuation of patients and the community at large
- Government needs funding to improve their building stock maintenance