

**Report Out Slides
Coral Gables, FL
March 10, 2017**

Water & Wastewater Committee

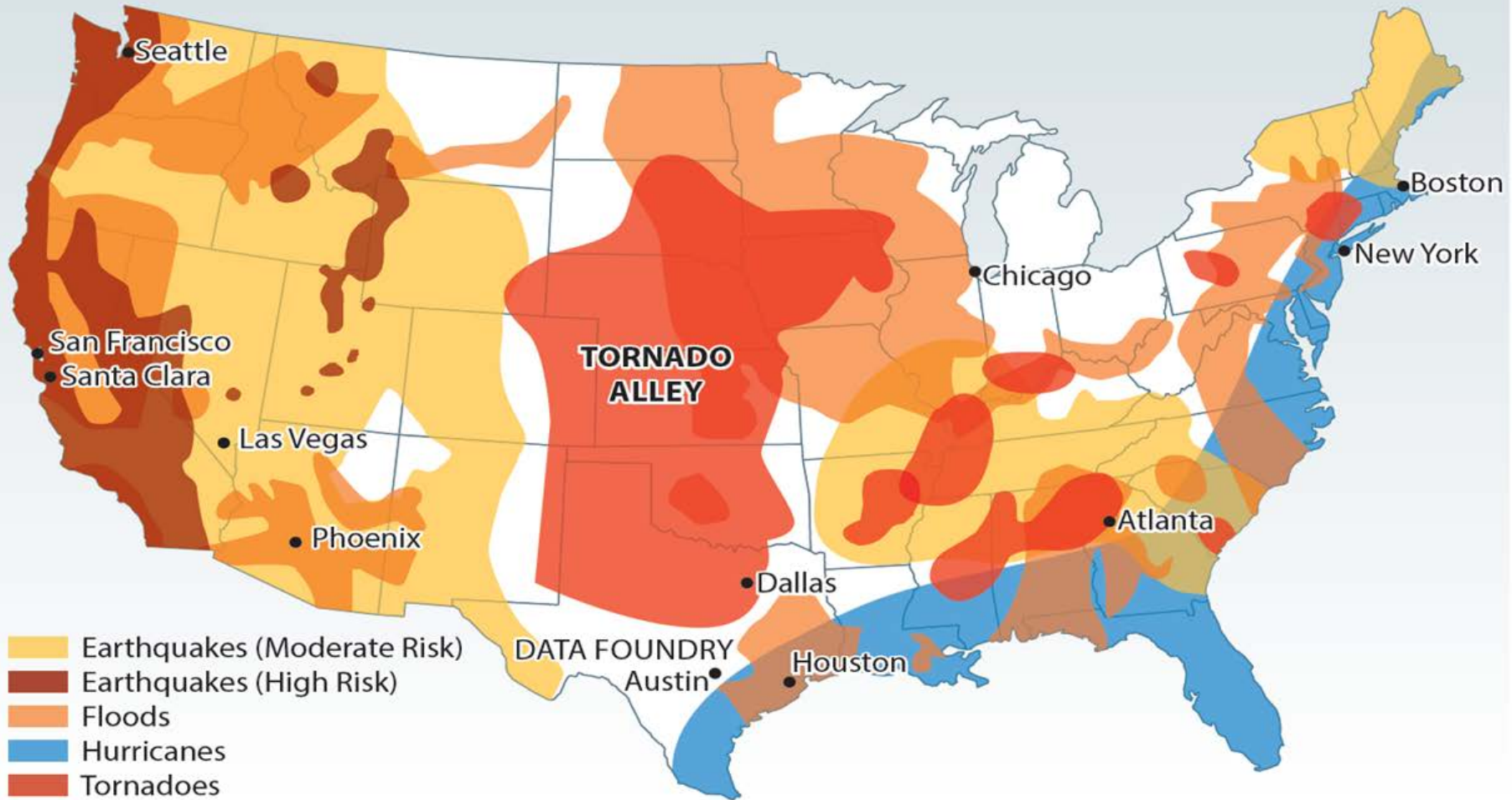
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Resiliency Knowledgebase



- Developed taxonomy for document review
- ***Three levels of documents review***
 - ***Strategic***
 - ***Tactical***
 - ***Operational***
- Forwarded 5 documents in strategic area

Document Review

- Around 100 documents need to be reviewed. Emphasis will be on tactical level.
- ***Two subcommittees – Water and Wastewater***
- Seeking case studies from utilities related to various aspects of resiliency for operational level and address critical resiliency issues
- ***Collaborating with ASCE, AWWA, WERF, and WRF***
- Modify taxonomy to include cross-links with other NIST standing committees

Photographs and Video

- Photographs of hazards - consequence and mitigation aspects, with tags based on:
 - *Events (e.g. Napa earthquake, Katrina)*
 - *Activities (e.g. damage, mitigation and repair)*
 - *Asset class (e.g. pipes, pumps)*
 - *If videos are available, add them as well*
- Significant and vetted media reports to help with risk communication strategies

Resiliency White Paper

- Paper (10-15 pages) to document best practices, guidelines, knowledge gaps and recommendations
- ***Preliminary Outline has been developed for review***
- White paper will address:
 - Water and Wastewater sectors
 - Acute hazards (e.g. hurricane, earthquake, human-made)
 - Chronic factors (e.g. aging infrastructure, water-level change)
 - Interdependencies with other sectors (power, transportation)
 - Five domains (Physical, Financial, Social, Cyber, Environmental)

Workshop Dec. 7, 2017 Arlington, VA to discuss Paper

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