

Report Out Slides

Data, Metrics, and Tools Standing Committee

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NIST Planning for Community Resilience Steps 1-2: Data

Working Group Members

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Standing Committee Meeting Objective #1

Data

- Begin developing a project plan:
 - Develop a short list of 3-5 potential products/documents to include in project plan:
 - Start with a review of NIST Guide Steps 1-2 (e.g., p.26-36)
 - Recommend “one-stop shop” that serves as “match-makers” pointing to a list of informative documents/directories of experts and organizations (e.g., Community A did this with NOAA – talk to J)
 - Identify gaps in the guide (e.g., USGS is responsible for X and can provide Y expertise)
 - List alternative helpful resources for stakeholder to involve
 - Provide examples/case studies of how others do this, potentially modified for local contexts

Note: Our outputs should be coordinated with the RKB

- Develop plan as to how standing committee will develop work products selected:
 - For each envisioned product, will it be developed at the standing committee level or will work groups be formed to address the issue?
 - Standing committee level
 - Who will lead/chair the work group and who else will participate?
 - The chair/leadership team
 - Will Panel members from other standing committees be needed in the work group? If so, who?
 - Yes, discipline-specific standing committees, e.g., Buildings & Facilities.

Standing Committee Meeting Objective – Metrics

- NIST Planning for Community Resilience Steps 1-2: Metrics
- Begin developing a project plan:
 - DHS Risk Lexicon (2010): sufficient?
 - What does a community need sustain social fabric after a disaster?
 - Different tiers (speed, service levels) up to communities
 - Direct measures vs. indicators
 - Indicators of vulnerability or success? Processes or outcomes?
 - What indicators are already being used?
 - What has been investigated, even if not used?
 - How to validate indicators?
 - Once adopted, who monitors indicators to determine gaps/needs

Standing Committee Meeting Objective #1 – Tools

- Begin developing a project plan:
 - Develop a short list of 3-5 potential products/documents to include in project plan.
 - Begin formulating how to split products into sub-categories and set their priorities, if necessary
 - Develop recommendations on ways to organize the Resilience Knowledge Base (RKB) that can support the 6-step process
 - Identify sources of funding opportunities that can support the 6-step process (make it searchable by hazard, sector, user, etc.)
 - Request that a consensus and voluntary standard (developed by SDOs) guideline be developed for plan preparation, review, approval, implementation, and maintenance of plans (steps 5 + 6) and identify the appropriate organization to lead

- Develop plan as to how standing committee will develop work products selected:
 - For each envisioned product, will it be developed at the standing committee level or will work groups be formed to address the issue?
 - Who will lead/chair the work group and who else will participate?
 - Will Panel members from other standing committees be needed in the work group? If so, who?
 - Prioritize/selection of metrics – select core set metrics that all community should consider on resilience assessment and planning
 - Identify tools to support steps 5 and 6
 - Identify metrics/tools that can evaluate the success of implementation of resilience plan (or recovery), e.g. BCA
 - Identify tools that can evaluate the cost and benefit of alternative risk mitigation strategies

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