

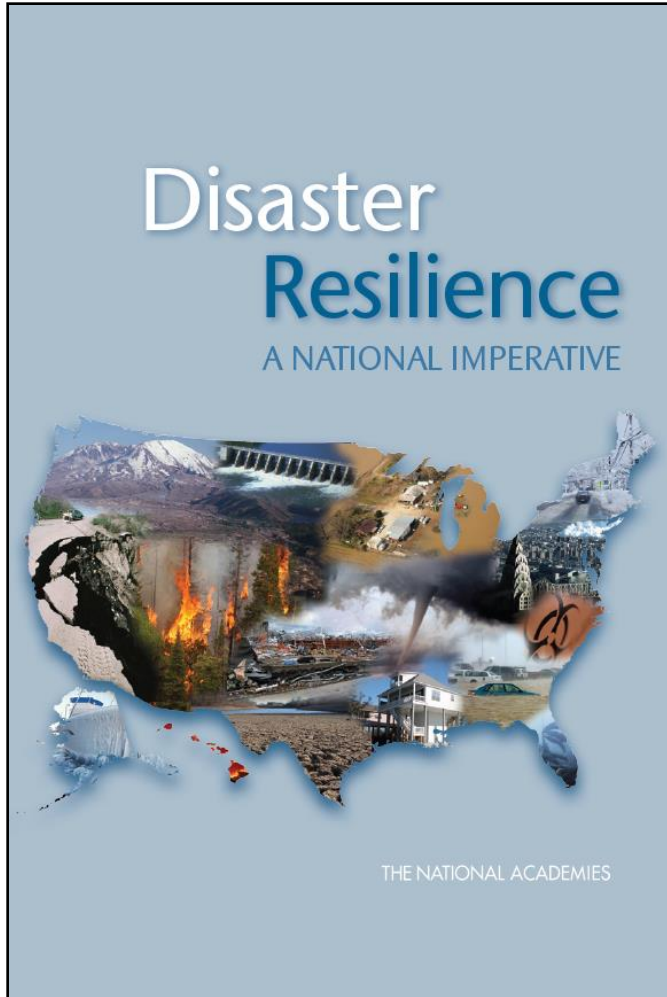
RESILIENT AMERICA ROUNDTABLE

9

January 2017


TRB Executive Committee

IN THE BEGINNING...



Four major recommendations

- Manage and communicate risk
- Measure resilience in communities
- Build community partnerships and coalitions
- Share information and data to build resilient communities

A man with short dark hair and glasses, wearing a dark pinstriped suit, white shirt, and a striped tie, is speaking at a press conference. He is gesturing with both hands raised. In the foreground, several microphones are visible, including one with a 'WJZ' logo. In the background, another person is partially visible. A dark blue speech bubble with white text is overlaid on the left side of the image.

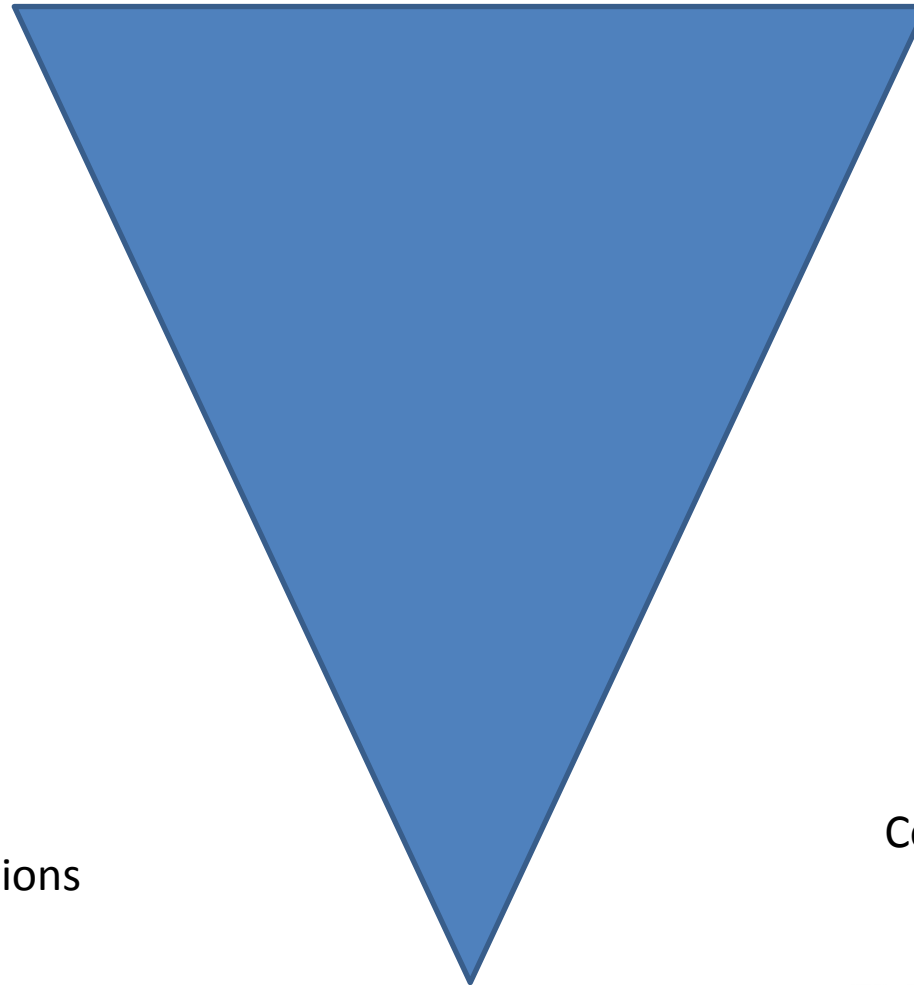
What does
Resilience
mean to me?
Here in my
community?

RESILIENT AMERICA GOAL

Broad Ideas/
Federal Programs



Community/Specific Actions



Broad Ideas/
Federal Programs

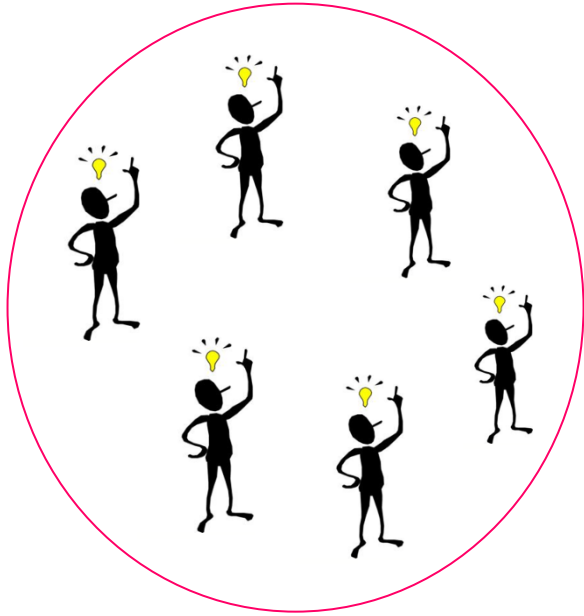


Community /Specific
Actions

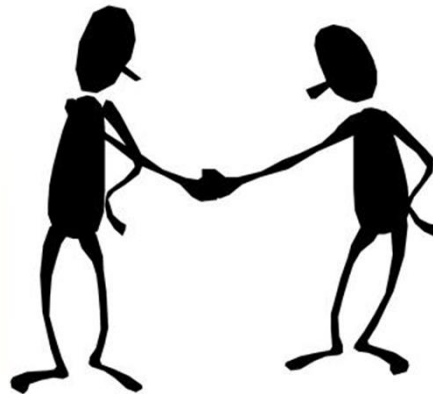
WHO IS INVOLVED?

- **Experts:** social scientists, engineers, risk managers, private sector business operators, academics, public sector decision makers, federal agencies, and more
- **Community members,** businesses, decision makers
- **Diverse stakeholders:** Private sector, public sector, NGOs, academia, individuals
- Some of our **partners** and **collaborators:** FEMA, NOAA, MACF, Zurich Foundation, USGS, DHS, NACo, NADO, NASA, Fraunhofer, Kaiser Permanente, Microsoft, WEF....

MULTI-STAKEHOLDER COLLABORATION



Convene



Collaborate

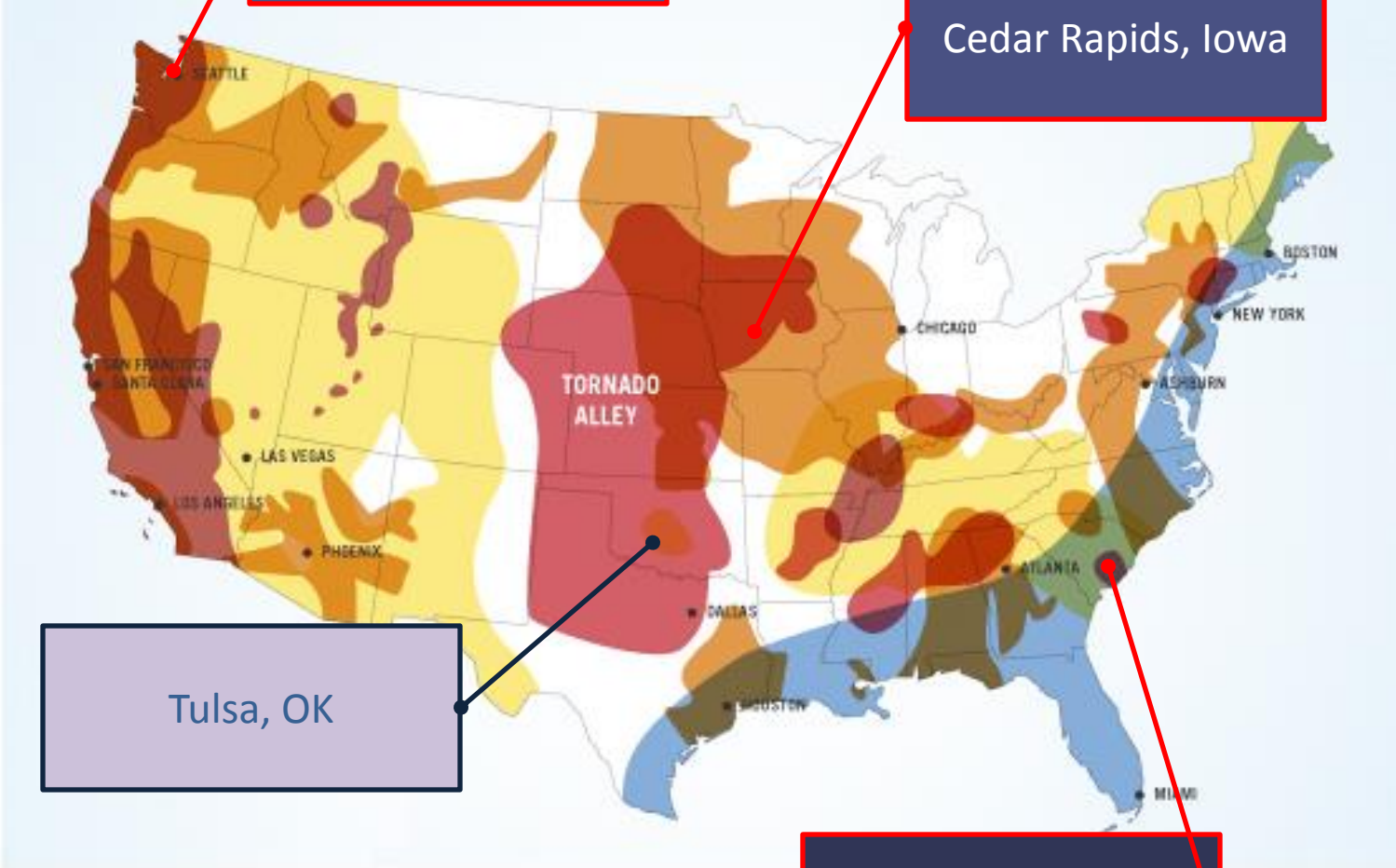
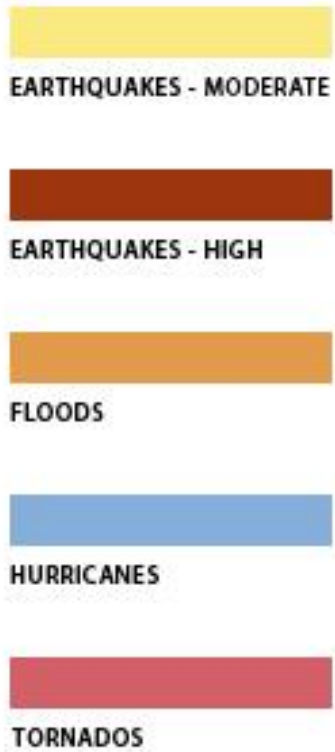


Impact

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Seattle, Washington

Cedar Rapids, Iowa



Tulsa, OK

Charleston, SC

How can we **identify** a community's priorities?

How do those **priorities** frame **resilience**?

What **actions** support those priorities?

PILOT WORK NOW

Cedar Rapids: Integrating Resilience into Comprehensive Planning Efforts

Charleston: Building Flood Resilience

Seattle: Resilience measures: social equity under conditions and risks of climate change

Tulsa: Resilient Economic Supply Chains

IN OUR PILOT COMMUNITIES...

- Communities do not want to talk about natural disasters; they want to talk about **economic resilience** and their **vulnerable populations/social equity**
- It is important to meet each community where it is...not necessarily where we think it should be
- Lots of enthusiasm and momentum **right now** for resilience
- Need a **catalyst** to bring different people together and facilitate the conversation
- The **process** may be more important than the product

KEY THEMES FOR RESILIENCE

- **Connect**—long-term change and impact with short-term decision making
- **Measure**--Figure out way/s to measure resilience or track progress
- **Communicate**—new ways to talk about risk and resilience in ways that people can understand and take action

WHAT HAVE WE LEARNED? THE TOP TEN

10. Our work is seen as a resource. A benefit.

9. Our work resonates beyond our pilots *

* Our work, our approach may have applicability beyond our pilot communities

8. Nobody wants or can handle additional work, another plan/strategy, so resilience efforts need to be integrated into everyday functions

7. Building community resilience is like a marriage: it's messy, it takes a commitment, it presents moments of great satisfaction, yet some days are better than others.

WHAT HAVE WE LEARNED? THE TOP TEN

6. Geographic specificity matters
5. Longitudinality matters—trust, partnerships, consistency are elements of building resilience
4. The framework we use—the five environments—and the approach we take in our pilots are useful and they may have broad applicability
3. You cannot overvalue a flexible approach
2. Resilience writ large—yeah, not so much

THE NUMBER 1 THING WE'VE LEARNED...

1. The genie effect: we rubbed the lamp, the genie came out, and we have catalyzed interest and activities beyond our ability to execute them.

So...what's next?

OUR NEXT CHALLENGES

1. Articulate the Resilient America/National Academies differentiated concept or competence
2. Identify and cultivate key partners for that concept or competence
3. Design projects with the partners to define and realize those concepts/competencies
4. Deliver/execute the projects with value:
Resilience for All!