

Governance and Disaster Recovery: Lessons from the Field



Build it Better Leadership Forum

Charlotte, North Carolina

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Overview

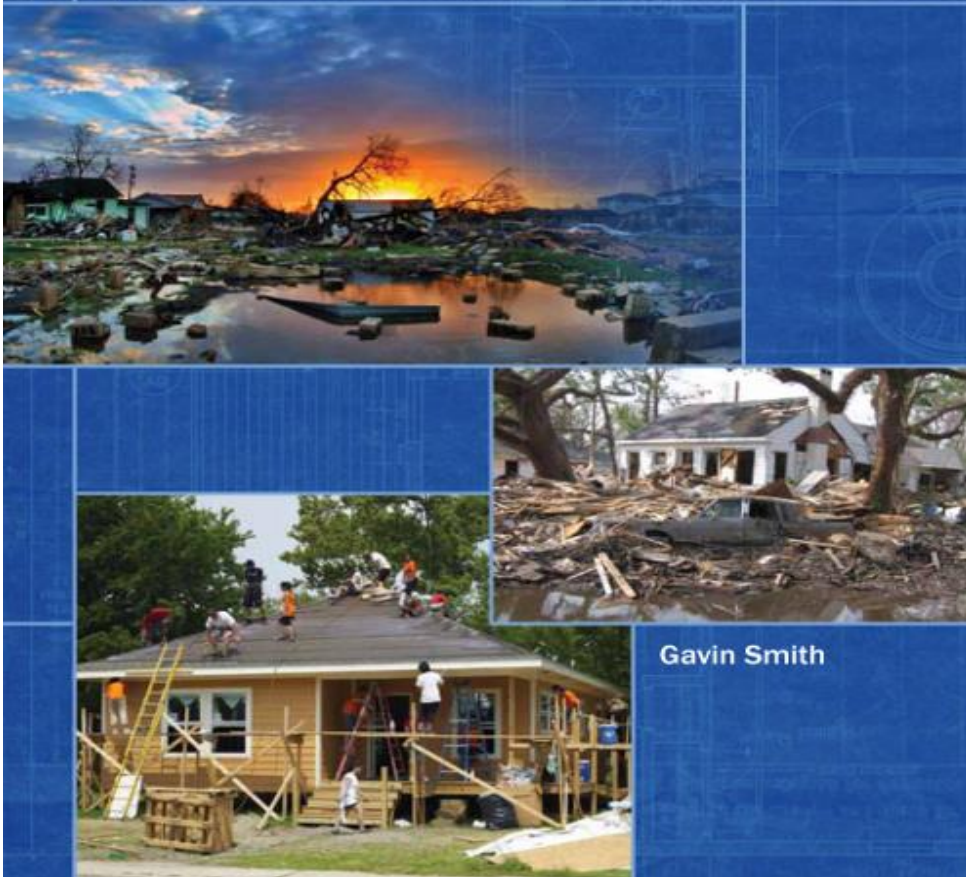


- **Discussion of the Dimensions of the Disaster Recovery Assistance Framework**
 - Resource Rules and Local Needs
 - Timing of Assistance
 - Horizontal and Vertical Integration
- **Role of Planning / Transforming the Dimensions of the Disaster Recovery Assistance Framework**
- **Concluding Thoughts**

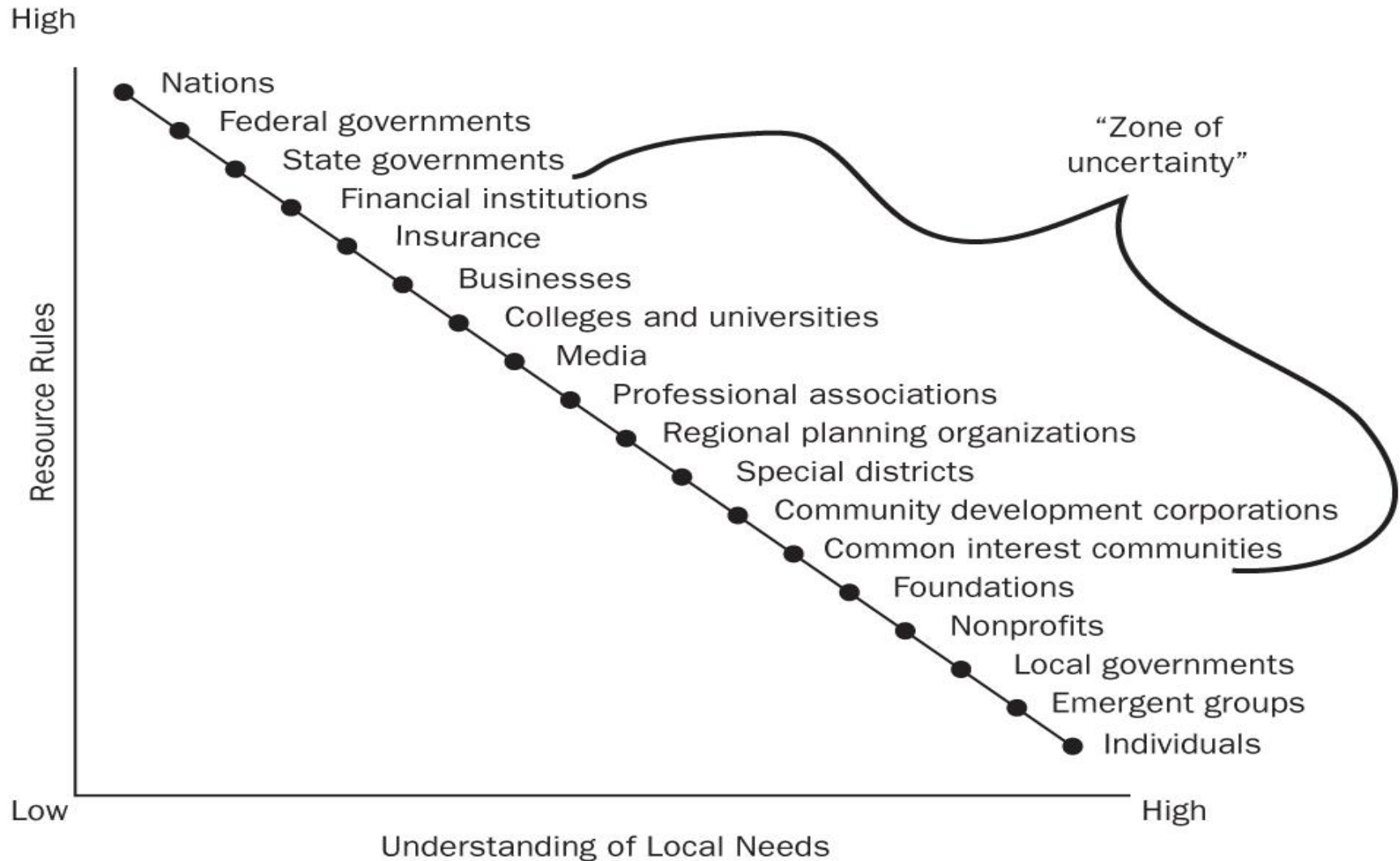
Planning for Post-Disaster Recovery:

A Review of the United States
Disaster Assistance Framework

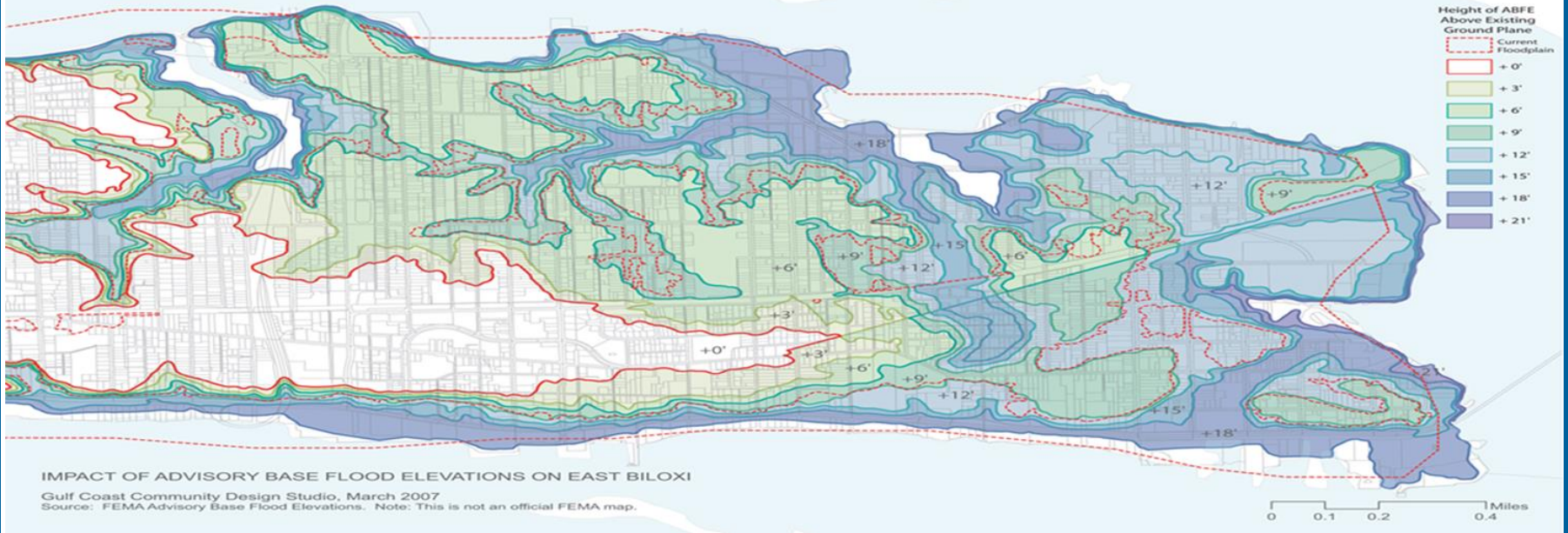
- Disaster Recovery Assistance Network
- Network loosely coupled, differs over time and space
- Network Resources
 - Funding
 - Policies
 - Technical Assistance
- Dimensions of Framework
 - Rules and Understanding of Local Needs
 - Timing of Assistance
 - Horizontal and Vertical Integration



Disaster Recovery Assistance Network

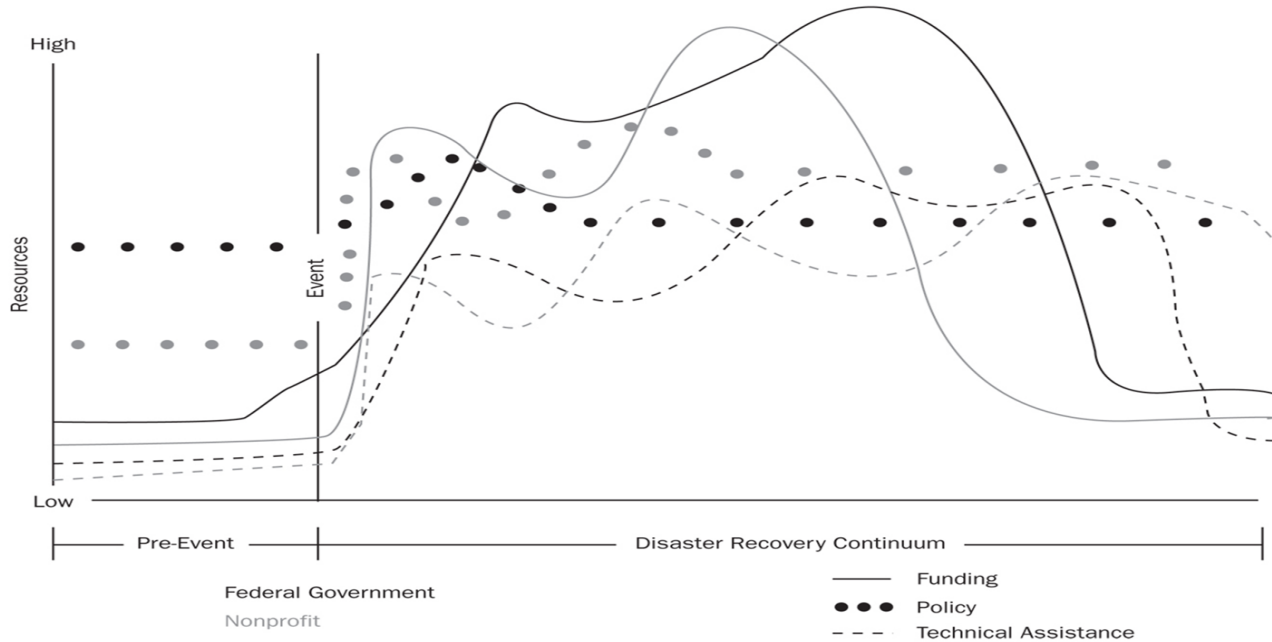


Rules and Understanding of Local Needs: Gulf Coast Community Design Studio



Timing of Resource Assistance: Federal Government and Non-Profit

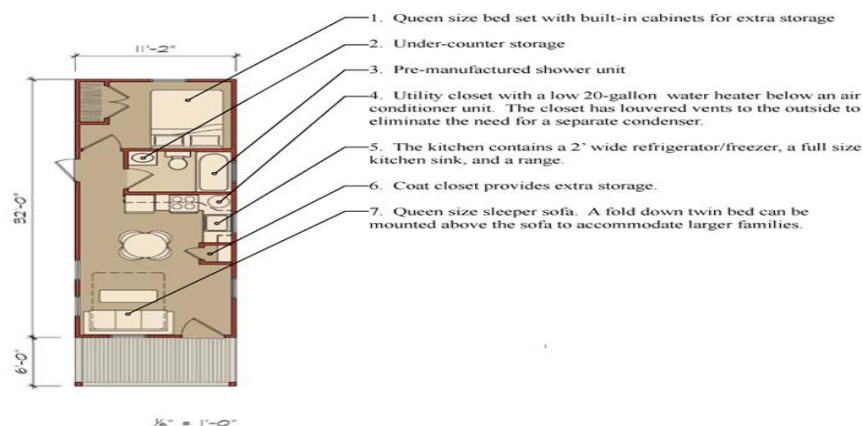
Figure 2-2. The Hypothetical Timing of Disaster Assistance: An Example of Federal Government and Nonprofit Stakeholders



Mississippi Alternative Housing Program (timing - funding, policy, technical assistance)



- 600 million dollar Congressional Appropriation
- State Pilot to Develop Improved Emergency Housing Alternatives
- Mississippi Cottage, Green Mobile and Park model



Horizontal and Vertical Integration

Vertical Horizontal	Strong	Weak
	Strong Type 1	Weak Type 2
Weak	Type 3	Type 4

- **Community Types**
- **Recovery Implications**
 - Assistance Network
 - Local Needs
 - Timing of Assistance
- **Potential for Change in Community Type Over Time**

Broadmoor Community, New Orleans

- Community Organizing
- Marketing
- Planning (“green dot” versus empowerment, consensus building)
- Strong Horizontal and Vertical Integration
 - Universities
 - Community Members
 - Non-profits (faith-based groups)
 - Foundations
 - Private Sector
 - Broadmoor Improvement Association
 - Broadmoor Development Corporation



Research Findings



- **Public Sector (Federal, state and local):** Federal rules (disaster relief) shape assistance network; lack of pre-event capacity building; state recovery plans weak/local plans uncommon.
- **Quasi-Governmental (community development corporations, homeowner's associations, special districts, regional planning organizations):** Understanding of local needs; integration with assistance network often low; regional planning organizations – vertical integration, resource management disputes, planning.
- **Nongovernmental Organizations (professional associations, colleges and universities):** Collective knowledge and advocacy; transfer of research to practice underutilized (e.g. American Planning Association; Lack of courses and materials addressing disaster recovery).
- **Nonprofit Relief Organizations (faith-based, community groups, foundations):** Adaptive variability (Red Cross vs. Salvation Army, community groups); focus on unmet needs and social justice; negative effects of non-collaboration: unintentional perpetuation of social vulnerability; mistrust of public sector.

Research Findings



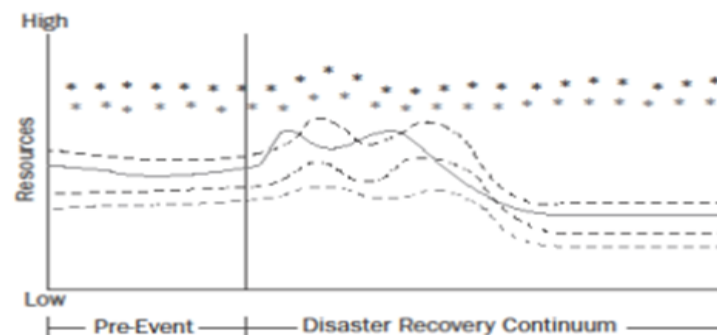
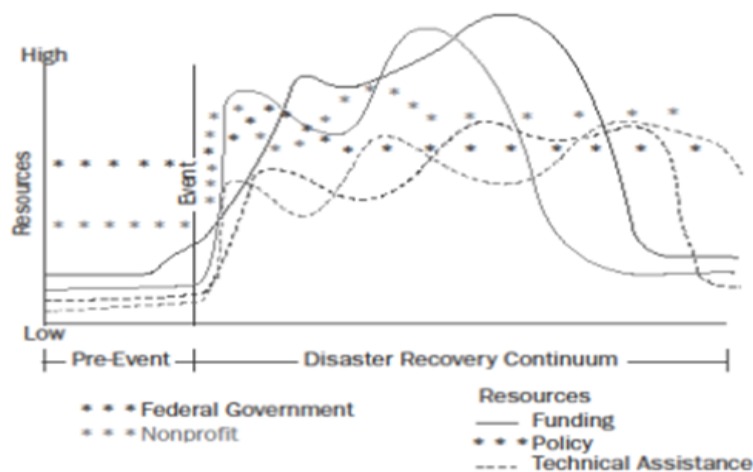
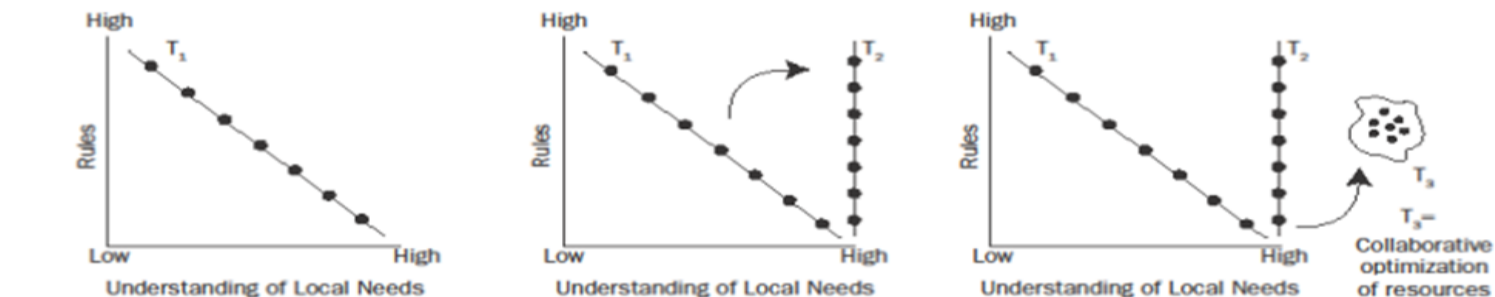
- **Private Sector (small businesses and corporations, contractors, insurance, financial organizations, developers, media):** Among least understood/limited involvement in recovery planning; privatization of disaster recovery; oversimplification of private sector involvement; media's role (disaster recovery myths).
- **International Community (international relief organizations and other nations):** US acceptance of foreign aid unplanned/lack of international protocols and agreements (disaster diplomacy, absorptive capacity and conditionality; sustainable development); expanded definition of vertical integration; rising importance: increased risk, globalization and climate change; lessons from international research and practice.
- **Individuals and Emergent Groups:** Locally grounded knowledge not integrated into recovery policy and planning; need to change labeling of "disaster victim," lessons from Emergent Multi-organizational Networks (EMON's): established, extending, expanding and emergent.

The Role of Planning in the Disaster Recovery Assistance Framework



- **Improved Use of Existing Planning Tools and Processes**
 - Boundary Spanning Function
 - Pre-Event Planning
 - Land Use Planning Tools
- **Incorporating Land Use Techniques (tools and process) Among the Most Effective / Underutilized in Hazard Mitigation and Recovery**
- **Poor Coordination between Planners and Emergency Managers**
- **Planning Process – Disasters as Conflict/Altruism**
 - Dispute Resolution
 - Policy Dialogue
 - Negotiation
 - Facilitation
- **Public Participation / Participatory, Inclusive Decision Making Across Network**
- **Connectivity to Framework – Changing the Defining Characteristics**
 - Rules, Understanding of Local Needs, Timing, Coordination of Aid

Transforming the Disaster Recovery Assistance Framework



vertical \ horizontal	strong	weak
	strong	weak
strong	1 ← 2	
weak	3 ← 4	

vertical \ horizontal	strong	weak
	strong	weak
strong	1 → 2	
weak	3 → 4	

Adapting to Climate Change: Lessons from Natural Hazards Planning. New York: Springer (2013)



- **Identify, nurture, and sustain new or expanded governance networks that span varied spatial and temporal scales.**
- **Expand the forward-looking use of pre- and post-disaster resources to blend public, non-profit, quasi-governmental, and private sector resources, investments, risk reduction initiatives, and adaptation measures.**
- **Invest more in pre-event planning for hazards risk management, including the development of an enhanced collective adaptive capacity.**
- **Ensure that emerging and future hazards risk management and climate change adaptation policies and plans are linked through enduring and actionable programs and agreements.**

Concluding Thoughts

- Linking Disaster Recovery, Hazard Mitigation and Climate Change Adaptation
 - Scenario-Based Planning
 - Urban Hazard Mitigation
- National Disaster Recovery Framework
- Passage of the Biggert-Waters Act
- The Key Role of Governance
- Design Standards



Building Codes and Land Use: What is the Appropriate Design Standard?

