

Recovery and mitigation in the context of tornadoes and floods – case studies, lessons learned, best practices

Books

1. Book: *Anticipate, respond, recover: healthcare leadership and catastrophic events* | [Description](#) | See Lessons learned – Frontline Interviews - INTERVIEW 4: Flooding in the lone star state: Texas Children's Hospital and Tropical Storm Allison
2. Book: *Community disaster recovery and resiliency: exploring global opportunities and challenges* | [Description](#) | See chapter 6 - Social Capital after a Disaster: A Case Study of the 2008 Flood in Cedar Rapids, Iowa
3. Book: *Rebuilding after disasters: from emergency to sustainability* | [Description](#) | See chapter 6: Stakeholder participation in post-disaster reconstruction programmes - New Orleans' Lakeview: a case study

Articles

4. Article - *Resilience to climate change impacts: a review of flood mitigation policy in Queensland, Australia: based on case studies of flood events in 2008* | [Description](#) | [Fulltext](#) |
5. Article - *Recovery doesn't just happen* | [Description](#) | [Fulltext](#) | Includes Best Practices from the Greensburg, KS F5 tornado recovery effort.
6. Article - *Americus, Georgia: the case study of disasters serving the role of facilitators & expeditors of progress & betterment* | [Description](#) | [Fulltext](#) | Provides a case study of the tornado that struck Americus, GA on March 1st 2007. The overarching goal of this article is to provide a case study that examines whether or not the occurrence of a disaster promoted recovery and betterment or led to stagnation and worsening within one community: Americus, Georgia.
7. Article - *Public participation in natural hazard mitigation policy formation: challenges for comprehensive planning* | [Description](#) | [Fulltext](#) | Uses evidence from case studies in Florida and Washington, to examine the causes of disinterest and recommends ways to increase public input to hazard mitigation policies in local comprehensive plans.
8. Article - *Disaster resilience indicators for benchmarking baseline conditions* | [Description](#) | [Fulltext](#) | Includes case studies. Summary - There is considerable

- federal interest in disaster resilience as a mechanism for mitigating the impacts to local communities, yet the identification of metrics and standards for measuring resilience remain a challenge. This paper provides a methodology and a set of indicators for measuring baseline characteristics of communities that foster resilience. By establishing baseline conditions, it becomes possible to monitor changes in resilience over time in particular places and to compare one place to another. We apply our methodology to counties within the Southeastern United States as a proof of concept. The results show that spatial variations in disaster resilience exist and are especially evident in the rural/urban divide, where metropolitan areas have higher levels of resilience than rural counties.
9. Article : *Riverside resiliency: a major flood was not enough to sink an Iowa community* | [Description](#) | [Fulltext](#) (PDF, 12 MB) | See page 14
 10. Article: *A case study of Pocahontas Island: resistance to post-impact evacuation in a historic black community* - | [Description](#) | [Fulltext](#) | Pocahontas Island is a small island, located in the Appomattox River, within the City Limits of Petersburg. Shortly after noon the sky over Pocahontas Island turned gray, and a much needed rain started falling. At 1:30 pm, without warning, the community and its 62 homes were devastated by a tornado that had tracked across the Olde Towne area of downtown Petersburg and over the Island. This tornado subsequently caused the collapse of a Wal-Mart store in Colonial Heights, Virginia, with the death of three persons, and thereby attracted national print and electronic media attention
 11. Article : *Transition from response to recovery after the Lancaster, TX, tornado: an empirical description* | [Description](#) |
 12. Article: *Carpe Diem! Planning strategically helps town weather the storm* | [Description](#) | Windsor CO, tornado
 13. Article: *The Great Flood of 1993: response and recovery in five communities* | [Description](#) | From the summary - In 1993, the Midwest endured a "one-hundred year flood." Although aid was available from public and private sources, some communities were much less successful than others in obtaining assistance and resources. This study contrasts response and recovery from the flood in five communities.
 14. Article : *Arkadelphia Rebuilds* | [Fulltext](#) |
 15. Article: *Contrasting local government responses to a tornado disaster in two communities* | [Description](#) | [Fulltext](#) |

Reports

16. Report - *Telling the tale of disaster resistance: a guide to capturing and communicating the story* | [Description](#) | [Fulltext](#) (1.1 mb) | See Case Study in Appendix F, entitled - Fargo works to build a disaster-resistant city
17. Report - *Flood-resistant local road systems: a report based on case studies* | [Description](#) | [Fulltext](#) | From the summary - This report involved preparing case studies of five counties to document decision-making factors and processes used to address flood risk in managing local road systems, to identify effective practices for mitigating flood impacts, and to evaluate the need for guidance for local road system managers to reduce future flood risks and losses. The counties selected for the case studies are Allegany County, Maryland; Allegany County, New York; Calhoun County, Illinois; Uvalde County, Texas; and Wasco County, Oregon
18. Report - *No adverse impact floodplain management: community case studies 2004* | [Description](#) | [Fulltext](#) |
 - a. Charlotte/Mecklenburg County, North Carolina, - Hazard Identification & Mapping; Orange County, Florida - Public Education & Outreach; Maricopa County, Arizona - Planning ; Ft. Collins, Colorado - Regulations & Development Standards; Tulsa, Oklahoma - Mitigation ; Milwaukee, Wisconsin – Infrastructure; Austin, Texas - Emergency Services ; Portland, Oregon - Integrated Management Techniques; South Holland, Illinois - A Small Town’s Comprehensive Approach; Southern Shores, North Carolina - Coastal Management
19. Report - *Safe rooms save lives - State of Oklahoma safe room initiative* | [Description](#) | [Fulltext](#) | FEMA mitigation case studies
20. Report: *Defining Sustainable Development: Arkadelphia, Arkansas* | [Description](#) | [Fulltext](#) |
21. Report: *Flood Damage Assessment and Survey of Mitigation Efforts at Stump Lake, North Dakota: A Study of a Closed-basin Lake Flood* | [Fulltext](#) |
22. Report: *Mitigation success stories in the United States* | [Fulltext](#) | ASFPM – 2002
23. Report: *Transition from response to recovery: a look at the Lancaster, Texas tornado* | [Fulltext](#) |
24. Report: *Lessons from six mitigation case studies* | [Description](#)|
25. Report - *Hazard mitigation: integrating best practices into planning* | [Description](#) | [Fulltext](#) (PDF, 9 mb) | See: Chapter 6. Case Studies: Large Jurisdictions. Lee County, Florida and Charlotte-Mecklenburg County, North Carolina. - Chapter 7. Case Studies: Intermediate Jurisdictions. Roseville, California. Berkeley, California. - Chapter 8. Case Studies: Small Towns and Rural Communities. Bourne, Massachusetts and Morgan County, Utah. - Chapter 9. Findings and Recommendations. What Works? What Does Not Work? The Road Ahead.

26. Report : *The floods of 1993: Iowa flood disaster report* | [Description](#) | Fulltext - [Part 1](#) - [Part 2](#) |
27. Report: *Clara Barton Hospital Shelter: Hoisington, Kansas* | [Fulltext](#)
28. Report: *Flood Mitigation Case Study Coralville, Iowa* | [Fulltext](#) |
29. Report: *Disaster Recovery in Rural Areas Viola, Wisconsin's, Tornado of August 2005 : Case Studies from Practitioners within the NeighborWorks Rural Initiative* | [Fulltext](#) |
30. Report: *FEMA Case Study: State of Kansas Shelter Initiative* | [Fulltext](#) |

EFO Papers

31. EFO Paper - *After the disaster: resource prioritization for community recovery in the Clark County Fire Department* | [Description](#) | [Fulltext](#) |
32. EFO Paper - *Natural hazard mitigation and the development of an approved plan for the city of Richland, Washington* | [Description](#) | [Fulltext](#) |

Theses

33. Thesis - *Fusion centers: securing America's heartland from threats* | [Description](#) | [Fulltext](#) | Includes a Fusion Center Case Study for North Dakota in the context of the 2009 North Dakota Flood