

Mitigating Disasters: What More Can Land Use Planners Do?



Photo courtesy of 6WORKSHOP

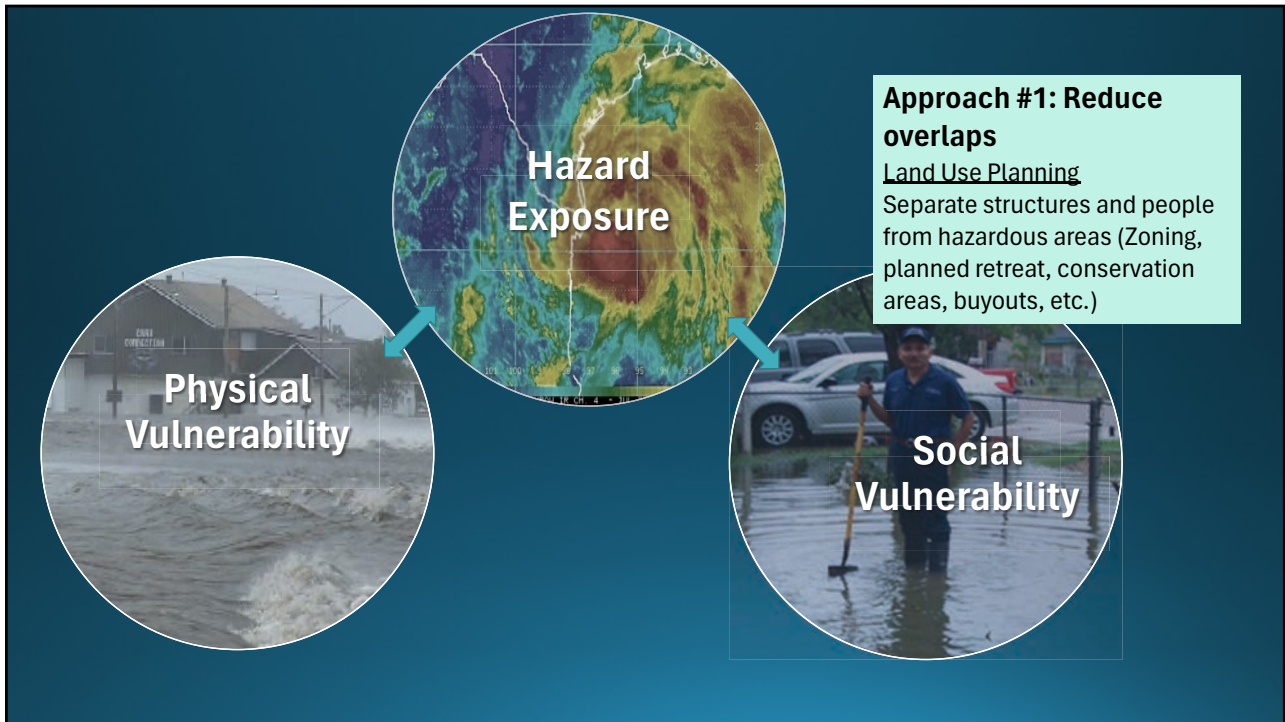
Dr. Shannon Van Zandt
Professor, Department of Landscape Architecture & Urban Planning
Senior Fellow, Hazard Reduction & Recovery Center
Co-authors: Walter Gillis Peacock, Michelle Meyer, Himanshu Grover, and Fayola Jacobs

This research was supported by the National Science Foundation (CMMI-1235374) and the National Institute of Standards and Technology (70NANB15H044). Any opinions, findings, and conclusions or recommendations expressed in this chapter are those of the authors and do not necessarily reflect the views of the National Science Foundation or the National Institute of Standards and Technology.

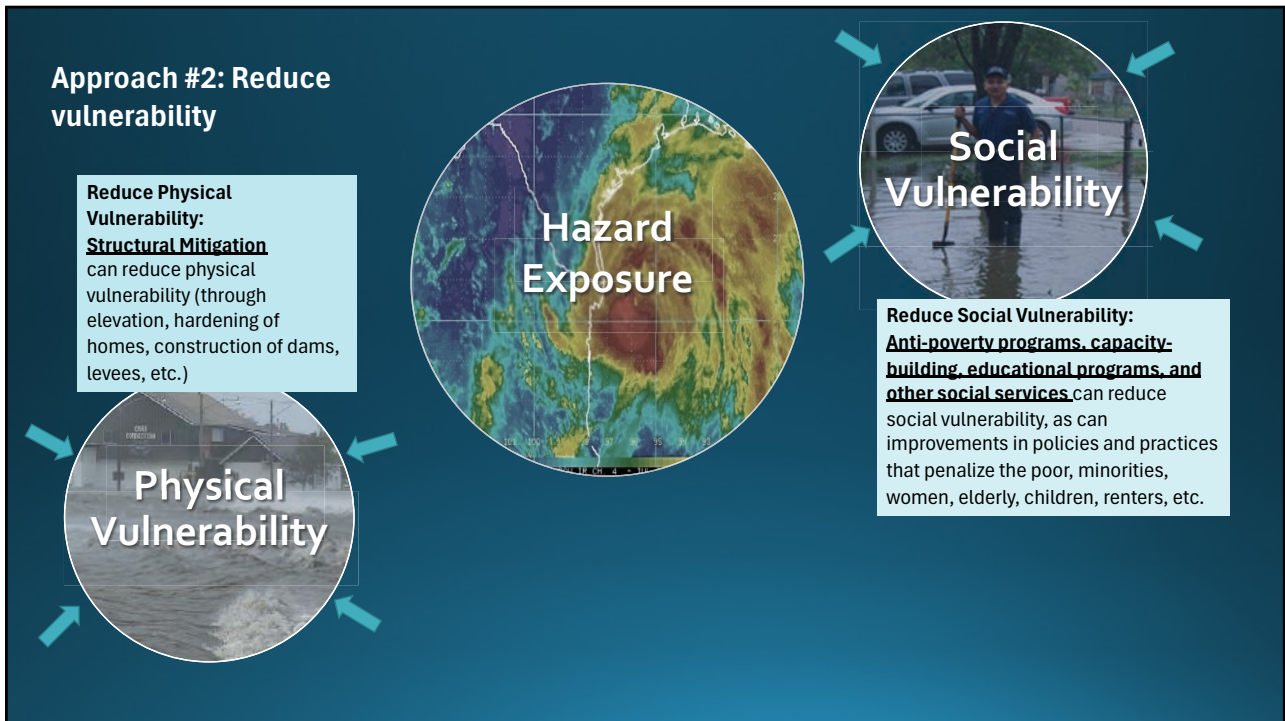
1



2



3



4

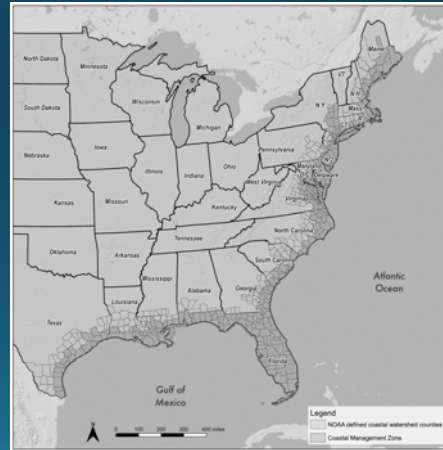
What tools are available?

Survey of coastal jurisdictions along Gulf & Atlantic Coasts

- Target – 2,977 coastal jurisdictions (counties and municipalities).
- Contact made with 1,923 jurisdictions
- Completed surveys from 1,172 jurisdictions
- Response rate of 61.0%

12 Strategy Sets:

- Development Regulation and Land Use Management
- Building Standards
- Shoreline Protections
- Natural Resource Protections
- Public Information and Awareness
- Local and Federal Incentives
- Property Acquisition Programs
- Financial Tools
- Critical Facilities Policies
- Public-Private Sector Initiatives
- Use of Professionals

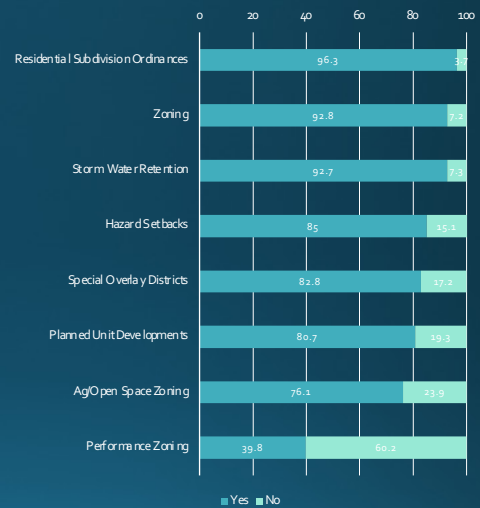


Peacock, W.G., M.A. Meyer, S. Van Zandt, H. Grover, and F. Jacobs. 2019. The Adoption of Hazard Mitigation and Climate Change Adaptation Policies, Programs, and Actions by Local Jurisdictions along the Gulf and Atlantic coasts. *The Routledge Handbook of Urban Disaster Resilience: Integrating Mitigation, Preparedness, and Recovery Planning* (Lindell, Editor). New York: Routledge, pp. 109-143.

Goals:

- Restrict occupancy in hazardous areas
- Enhance density in safer areas
- Discourage development in environmentally sensitive and hazardous areas

Development Regulation and Land Use Management



Find the full text of this and thousands of other resources from leading experts in dozens of legal practice areas in the [UT Law CLE eLibrary \(utcle.org/elibrary\)](https://utcle.org/elibrary)

Title search: Mitigating Disasters: What More Can Land Use Planners Do?

Also available as part of the eCourse

[2024 Land Use eConference](#)

First appeared as part of the conference materials for the
28th Annual Land Use Conference session

"Mitigating Disasters: What More Can Land Use Planners Do?"