Resilient Communities
Are Prepared Communities

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Local Comprehensive Plan

- Mandated to have adopted comprehensive plan
- Required Elements of Coastal Jurisdictions
  - Future Land Use
  - Transportation
  - General Sanitary Sewer, Solid Waste, Drainage, Potable Water, and Natural Groundwater Aquifer Recharge
  - Conservation
  - Recreation and Open Space
  - Housing
  - Coastal Management
  - Intergovernmental Coordination
- Force of Law
Post-Disaster Redevelopment Planning Requirement

- In Florida, all coastal jurisdictions MUST include in their Coastal Management Element the intent to prepare a PDRP “which will reduce or eliminate exposure of human life and public and private property to natural hazards” (§9J-5.012(3)(b)(8) F.A.C.)
Hurricane Andrew, 1992
Before Andrew

• Florida had a familiar formula for dealing with natural disasters:
  1. Use insurance and emergency relief dollars to restore conditions to the way they were before disaster struck
  2. Then wait again until the next disaster, and rebuild again, again and again.
After Andrew

- **Breaking the Cycle**
  - Statewide, Uniform Building Code
  - Strengthening Our Homes Initiatives
    - Residential Construction Mitigation Program
    - Homeowner’s Incentive Team
    - Florida Alliance for Safe Homes (FLASH)
  - Strengthening Our Communities Initiatives
    - Local Mitigation Strategy (LMS)
    - Series of Grant Programs (i.e., CDBG, Disaster Recovery Initiative Funds)
2004 & 2005

- Charley
- Frances
- Jeanne
- Ivan
- Wilma
NOAA GRANT – Single Pilot Program

- Focus Group Meetings
- Devel Best Practice Guide
- Select Pilot Community

Year 1

- Pilot Local Focus Group Meetings
- Prepare Local Pilot PDRP
- Conduct Local Public Outreach

Year 2

- Local Pilot Focus Group Meetings
- Revise PDRP
- Statute Review for Edit / Create
- Publish Final PDRP Guidelines

Year 3

FEMA HMGP GRANT – Multiple Pilot Program

AUGMENT – 4 Additional Pilots
- Pilots Local Focus Group Meetings
- Prepare Local Pilot PDRP
- Conduct Local Public Outreach

Year 1

AUGMENT – 4 Additional Pilots
- Local Pilots Focus Group Meetings
- Revise PDRP
- Statute Review for Edit / Create
- Publish Final PDRP Guidelines

Year 2

20+ Communities assisted
- Competitive Projects (multiple communities hiring consultants to assist them in developing their PDRP
- Marketing / Statewide Outreach

Year 3
Post-Disaster Redevelopment Focus Group

- Sandy Meyer, Project Mgr, Division of Community Planning, DCA
- Cindy Palmer, Division of Emergency Management Preparedness/Mitigation
- Roy Dunn, Division of Emergency Management, Housing/Recovery
- Jim Quinn/Robin Branda, Department of Environmental Protection, Coastal Management
- Gabriela Vigo, Federal Emergency Management Agency, Region IV Mitigation
- Eric Poole, Florida Association of Counties
- Carol Westmoreland, Florida League of Cities
- Betti Johnson, Tampa Bay Regional Planning Council
- Alex Magee, Florida Chapter, American Planning Association
- Dr. Bob Deyle, Florida State University, Department of Urban and Regional Planning
- Gene Henry, Hillsborough County Government
- Butch Truesdale, Palm Beach County Government
- Mary Helen Blakeslee, Office of Tourism, Trade and Economic Development
- Pat Blackshear, Walton County Government
- Howard Glassman, Metropolitan Planning Organization Advisory Council on

**Management**

- Gabriela Vigo, Federal Emergency Management Agency, Region IV Mitigation
- Eric Poole, Florida Association of Counties
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**Transportation and Infrastructure**

- Dr. Ann-Margaret Esnard, Florida Atlantic University
- John Wilson, Lee County, Florida Emergency Management Preparedness Association
- Joan LeBeau/Mitchell Austin, City of Punta Gorda, Land Use Planning/Urban

**Design**

- Heidi Recksieck, National Oceanic and Atmospheric Administration
- Mickie Valente, Florida Council of 100
• Six pilot local governments – mix ranging from urban/rural; small/large; and coastal/inland

The Classic Disaster Phases

- Preparedness
- Response
- Recovery
- Mitigation
Disaster Planning Process

LOUISIANA LONG-TERM COMMUNITY RECOVERY PLANNING FACILITATES THE RETURN TO NORMAL COMMUNITY PROGRESS

COMMUNITY PROGRESS

RECOVERY PLANNING

RECOVERY IMPLEMENTATION

DISASTER EVENT

COMMUNITY PROGRESS
Key to Success - Involvement

It takes time and is messy, but essential!!
Organizational Structure

Stakeholder Group

- Land Use
- Housing Recovery
- Public/Private Infrastructure & Facilities
- Environmental Restoration
- Financial Administration
- Economic Redevelopment
- Public Outreach
- Health and Social Services

Redevelopment Task Force
Long-term Recovery  Policy Areas

- Land Use and Reconstruction Standards
- Infrastructure and Transportation Restoration
- Housing Recovery
- Economic Redevelopment
- Environmental Restoration
- Health and Social Recovery
“A risk-based framework for land-use planning offers public agencies a rational means for managing inevitable change.”

L Johnson et al.
Land Use Policy Considerations

- Timing of reconstruction
  - Do building and land development regulations address post-disaster rebuilding?

- Quality of reconstruction
  - What aspects of code compliance are required for set thresholds? (e.g., flood mitigation ordinance elevation requirement or seismic building retrofits)

- Redevelopment patterns
  - Should you prioritize areas to focus redevelopment? (e.g., do you have economic activity centers or other areas where development is already encouraged or incentivized)

- Special considerations
  - How are historic structures going to be indentified during damage assessments, stabilized, and restored if impacted by a disaster?
Recovery Planning Take-Aways

- Disasters are “Big Ticket Items”
- You can make a difference
- Local governments will always have to share in the cost of recovery
- Pay now or pay later” – a little or a lot
- Long-term recovery is the planners role
- Whole Community
- Not a template
- Think critically and thoughtfully
- Takes time – not a rush job!
For the Planner’s Toolbox

Tools for Coastal Climate Adaptation Planning
A Guide for Selecting Tools to Assist with Ecosystem-Based Climate Planning

www.natureserve.org/climatetoolsguide
APA Planning Advisory Service, Report Number 560
For the Planner’s Toolbox (Cont.)

NHMA
Natural Hazard Mitigation Association

www.NHMA.info

StormSmart Coasts

www.us.stormsmart.org
Thank you!

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