



Florida Department of Environmental Protection

Florida Coastal Office

Florida Resilient Coastlines Program

Statewide Post-Disaster Redevelopment Planning Initiative
July 13, 2018





DEP Resilient Coastlines Program

Vision: Florida's coastal communities are resilient and prepared for the effects of rising sea levels, including coastal flooding, erosion, and ecosystem changes.

Mission: Synergizing community resilience planning, natural resource protection tools and funding to prepare Florida's coastline for the effects of climate change, especially rising sea levels.



Past and Present

Community Resiliency Initiative

- Starting in 2011, in partnership with NOAA's Coastal Zone Management Program, DEP funded Florida's Department of Economic Opportunity to provide technical assistance to coastal communities for innovative planning and development strategies:
 - Funding opportunities
 - Statewide Focus Group
 - Development and piloting of Adaptation Action Areas
 - Vulnerability Assessments and Adaptation Plans for three pilot areas
 - Development of technical assistance documents
- The final products of the CRI are now complete!
 - Adaptation Planning Guidebook
 - Resilience Addendum to the PDRP

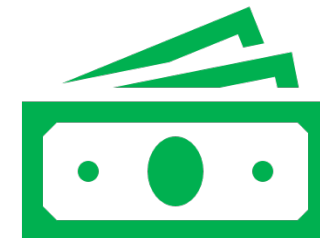
DEP continuing the effort in the Adaptation Action Initiative which will include more funding for local communities.





Florida Resilient Coastlines Program - Continuing Efforts

- Convene
 - State, regional, local gov't agencies
 - Share info, best practices, tools
- Coordinate
 - Sea Level Rise Technical Assistance
 - Identify duplications or conflicts
 - Promote each other's services
 - Connection to DEP programs/services
- Tell our story
 - Investments made, successes, challenges
 - Website and Story Map coming soon
 - Continuing commitment
- Funding support
 - Planning and projects
 - 10 planning grants (\$400K) awarded
 - Funding (\$765K) being provided in FY 18-19
 - Preparing for FY 19-20





PDRP 101

Statewide PDRP Planning Initiative

- Spurred by hurricane seasons of 2004 and 2005; began in 2007
- Initiative sponsored by DEO, DEM and DEP with funding from NOAA and FEMA
- Purpose: develop a planning process that helps a community plan for the long-term disaster recovery period to ensure they are able to recover faster and more efficiently, maintain local control over recovery and take advantage of opportunities to build back better.
- Development included researching redevelopment lessons learned during previous disasters, applying this research, and testing the planning process through a series of pilot projects.



PDRP 101

Reduce
community
vulnerability to
disasters

Fulfill
requirement
for coastal
communities

WHY?

*More successful
community
recovery from
disasters*

**Faster, more
efficient
recovery from
disasters**

**Opportunity to
build back better**

Plan Interaction & the Disaster Phases

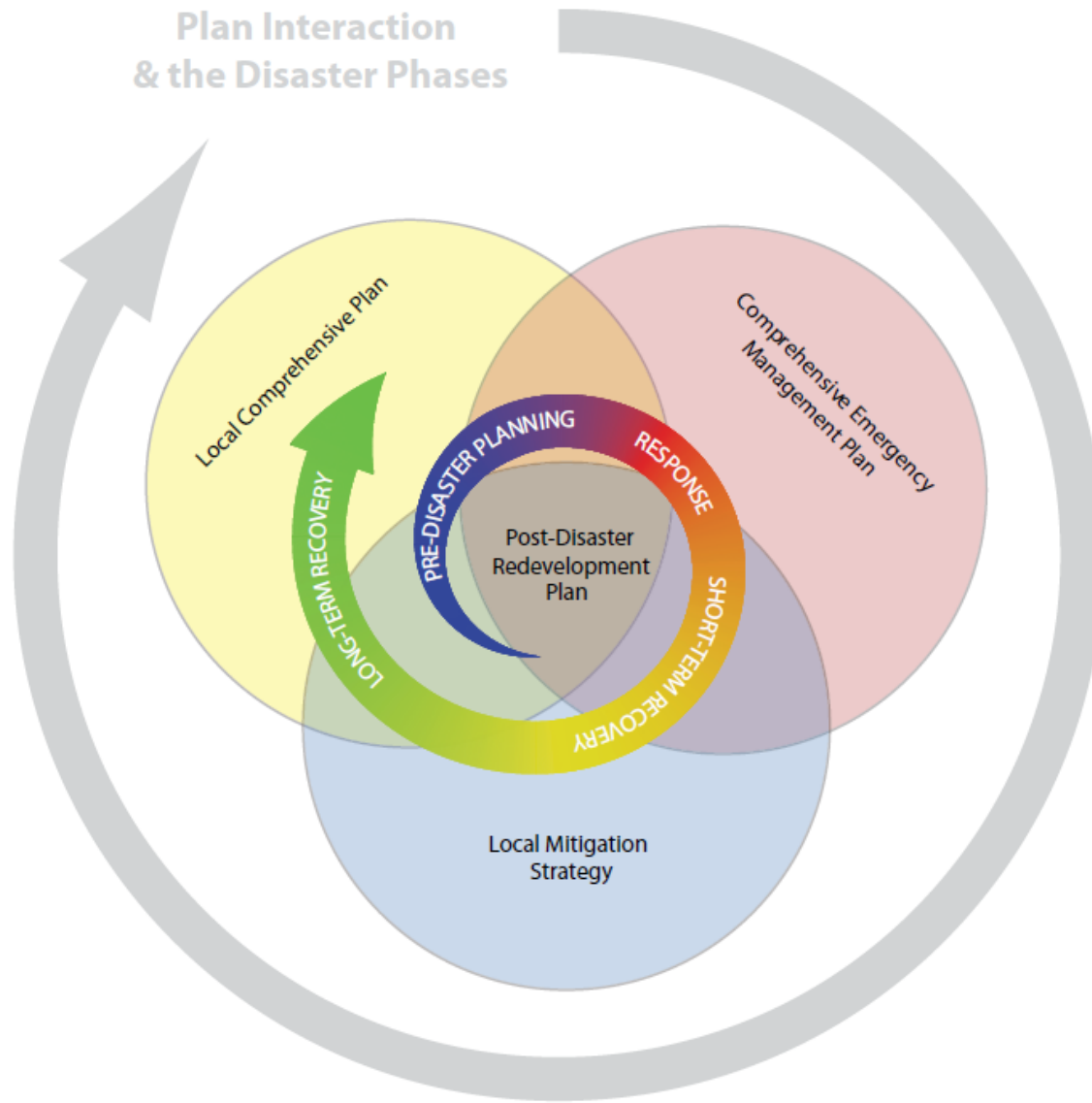


Figure 2. The Post-Disaster Redevelopment Plan is a guide that provides direction on how to implement other relevant local plans such as the comprehensive plan, CEMP and LMS during the different phases of a disaster. The overlap between the plans notes key integration and transition points such as the need to integrate hazard mitigation into the local comprehensive plan, pre-disaster and the transition between short-term and long-term recovery post-disaster. The nature of the planning process matches well with that of the disaster management cycle as they are both continuous with overlapping and imprecise phases.



Approaches

- Stand alone PDRP integrated with other local plans
- Adopt a PDR ordinance (either before or after development of a PDRP)
- Integrate PDR issues into the Comp Plan
- Integrate PDR issues into the LMS
- Expand the Recovery Annex of the CEMP to address PDR issues

BEST PRACTICE: ALL OF THE ABOVE

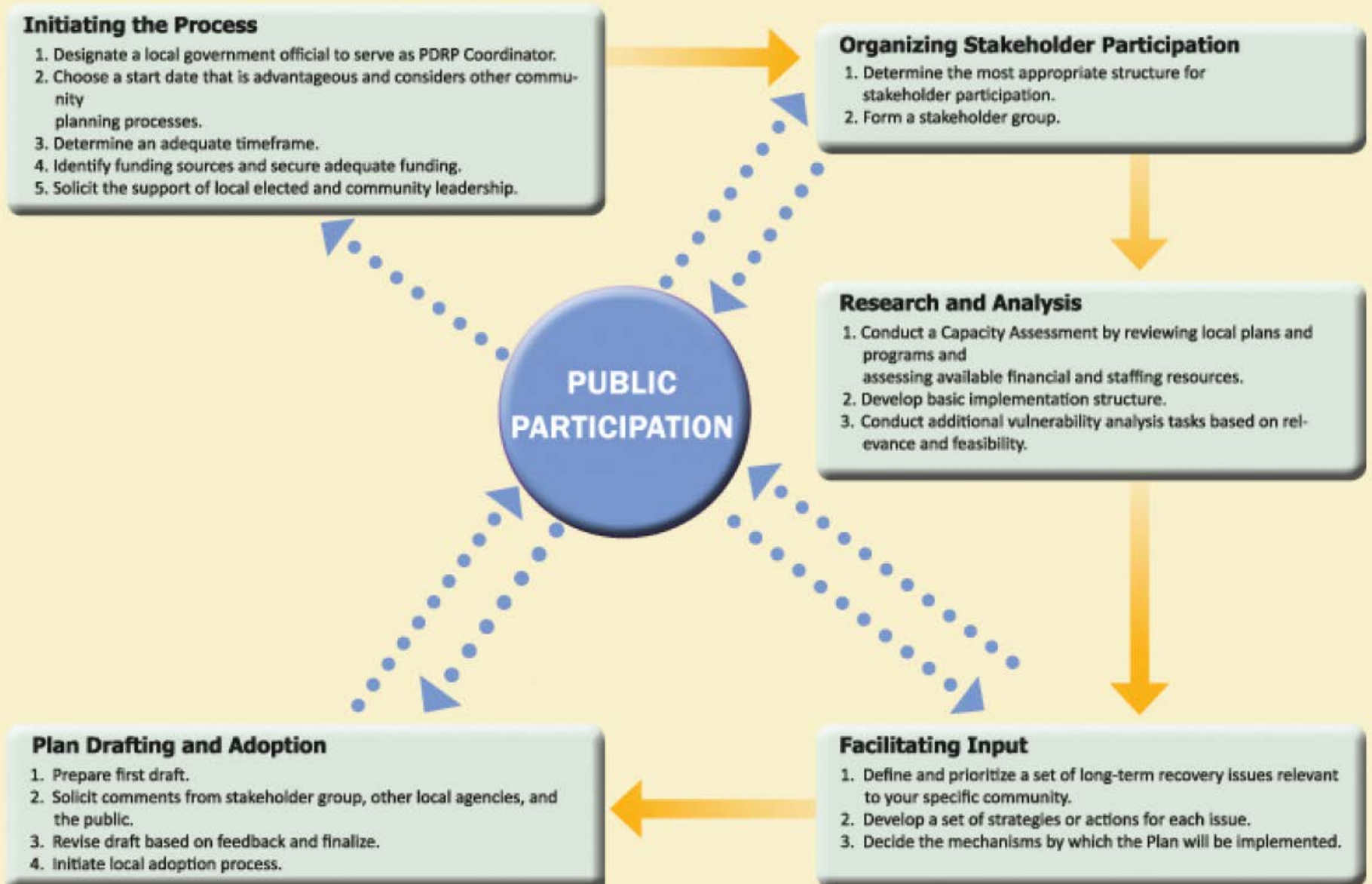


Key Ingredients

- Leadership – multiple levels of elected officials and local government administration; private sector leaders
- Participation – stakeholders and public
- Commitment – consistent funding & political support to sustain a living document/process



The Post-Disaster Redevelopment Planning Process





Plan Topics

LAND USE

- Minimum Achievement Level** ●○○○
- Phased reconstruction and streamlined permitting
 - Build back standards for nonconforming and substantially damaged structures
- Recommended Achievement Level** ●●○○
- Controlling long-term post-disaster blight
 - Reducing disaster vulnerability through voluntary mitigation programs
- Advanced Achievement Level** ●●●○
- Prioritizing areas to focus redevelopment
 - Historic preservation and restoration
 - Reducing disaster vulnerability through land use and development regulations

ECONOMIC REDEVELOPMENT

- Minimum Achievement Level** ●○○○
- Resumption and retention of major employers
 - Small business assistance
- Recommended Achievement Level** ●●○○
- Workforce retention
 - Tourism renewal
- Advanced Achievement Level** ●●●○
- Physical economic redevelopment projects
 - Opportunities to sustainably restore economic vitality

HOUSING

- Minimum Achievement Level** ●○○○
- Temporary housing siting criteria, provision, and removal
 - Ability to reconstruct homes rapidly
- Recommended Achievement Level** ●●○○
- Transitioning residents back to permanent housing
- Advanced Achievement Level** ●●●○
- Rebuilding affordable housing
 - Encouraging homeowners to incorporate mitigation during rebuilding

INFRASTRUCTURE AND PUBLIC FACILITIES

- Minimum Achievement Level** ●○○○
- Infrastructure for temporary recovery operation
 - Debris management
 - Financing infrastructure and public facilities rep
- Recommended Achievement Level** ●●○○
- Infrastructure and public facilities mitigation and historic considerations
- Advanced Achievement Level** ●●●○
- Relocation of vulnerable infrastructure and public facilities
 - Regional infrastructure consideration
 - Enhanced infrastructure capacity to priority redevelopment areas.

HEALTH AND SOCIAL SERVICES

- Minimum Achievement Level** ●○○○
- Health facility restoration
 - Social service provision to socioeconomic vulnerable populations
 - Public safety service levels re-established throughout the community
 - Coordination and assistance for non-governmental organizations and volunteers
 - Provide for special needs populations throughout long-term redevelopment
 - Public transportation restoration and improvement
- Recommended Achievement Level** ●●○○
- Schools, higher education reopened
 - Mental and behavioral health assistance
 - Medical personnel retention and recruitment
- Advanced Achievement Level** ●●●○
- Health-related pollution and environmental justice
 - Quality of life factors

ENVIRONMENT

- Minimum Achievement Level** ●○○○
- Beach and dune restoration
 - Environmental contamination
 - Environmental and historical review of temporary sites
- Recommended Achievement Level** ●●○○
- Natural land and habitat restoration
- Advanced Achievement Level** ●●●○
- Green rebuilding
 - Parks and urban forest restoration

Land Use
Economic Redevelopment
Housing
Infrastructure/Public
Facilities
Health/Social Services
Environment



Addressing Adaptation During Long-Term Recovery – 2nd Revised Ed.

POST-DISASTER REDEVELOPMENT PLANNING

Addressing Adaptation During Long-Term Recovery

Second Revised Edition, June 2018

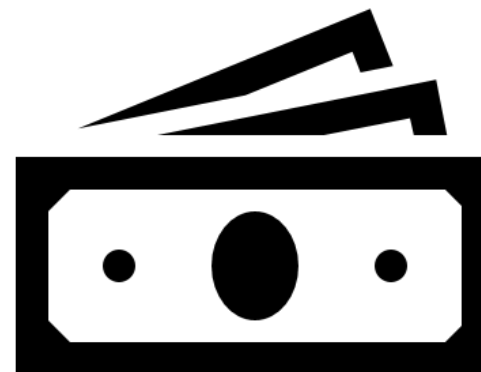
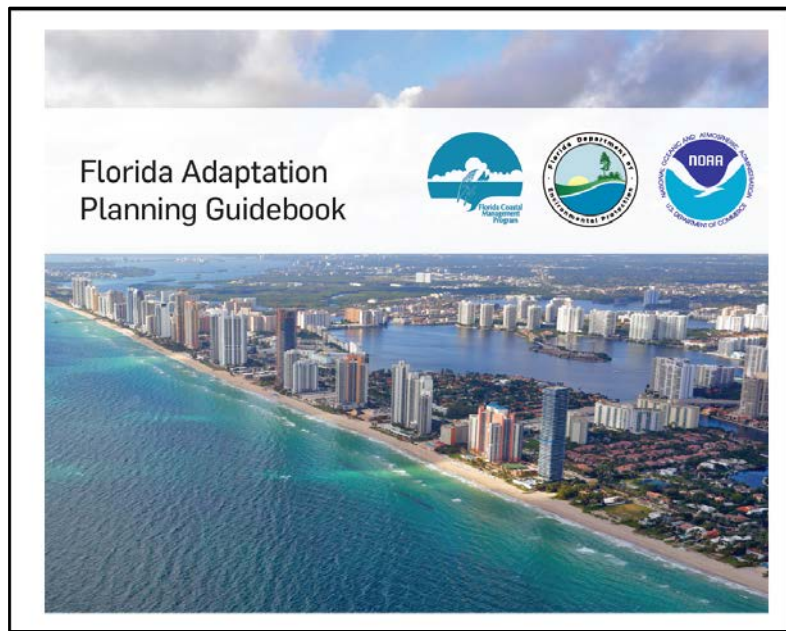
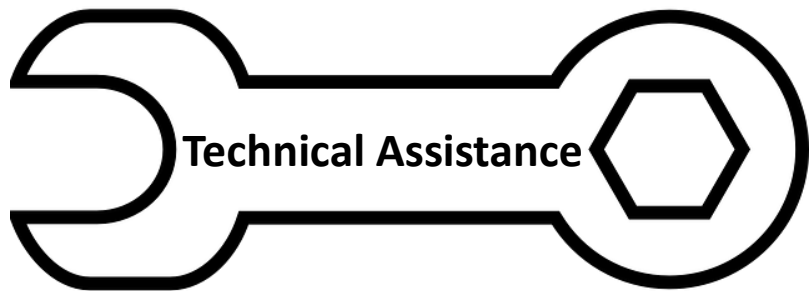
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Addressing Adaptation During Long-Term Recovery – 2nd Revised Ed.

- What's new?
 - Updated links and references
 - Information about the 2015 "Peril of Flood" statute
(Sec. 163.3178(2)(f))
 - More information about living shorelines
 - Updated informational resources





Funding



Contacts

Whitney Gray

DEP Florida Resilient Coastlines Program

whitney.gray@floridadep.gov

(850) 245-2098

