

Goals and Objectives from the 2015 Plan Revised.

- **Goal 1: Identify and pursue preventative measures that will reduce future damages from hazards**
 - **Objective 1.1:** Ensure existing structures are structurally sound to endure hurricane-force winds
 - Action 1.1.1: Wind harden structures (see c3-1 for locations) Only specify once.*
 - **Objective 1.2:** Ensure all citizens and employees of Terrebonne Parish are safe from high winds (hurricanes and tornado related)
 - Action 1.2.1: Construct safe rooms at critical facilities*
 - Action 1.2.2: Expand the coverage and participation in the Parish's Install-a hazard early warning system*
 - Action 1.2.3: ~~Work with communities currently residing in at risk areas on the development of evacuation plans including access to shelter and transportation assistance as needed.~~ Developed. Move to goal 2 for education*
 - **Objective 1.3:** Ensure all first responders are adequately equipped to respond to a storm event
 - Action 1.3.1: Purchase or upgrade communication devices as necessary to ensure interoperability among first responders ~~Purchase communication devices and develop recurring cost funding source. (see Attachment c3-1 for details)~~*
 - Action 1.3.2: Purchase generators for critical facilities (see Attachment c3-1 for locations) to ensure operation during and after a hazard event*
 - Timeframe: 1-5 years, as funding permits
 - Funding: HMGP, local, regional, and federal
 - Staff: Public Safety
 - Hazard Event Mitigated: Hurricane/Tornado/Flooding/Levee Failure
 - **Objective 1.4:** Protect citizens from saltwater intrusion
 - Action 1.4.1: ~~Maintain dual potable water intakes~~ Done*
 - Action 1.4.2: ~~Acquire bottled water in event of saltwater intrusion under contract~~*
 - Action 1.4.3: Continue to construct Morganza to the Gulf ~~storm surge protection and internal levee lock system to which in turn would~~ reduce the effects of saltwater intrusion*
 - **Objective 1.5:** Reduce the effects of Land Subsidence Discuss with subcommittee
 - Action 1.5.1: Pursue approvals and funding for coastal restoration projects such as sediment diversions to reduce land subsidence in coastal areas. ~~Pursue coastal protection projects to reduce land subsidence in coastal areas~~*
 - Action 1.5.2: Ensure accurate survey points are located throughout the parish to monitor continued subsidence*

Action 1.5.3: Monitor agricultural activities and encourage smart farming practices to reduce soil compaction and acceleration of subsidence sent to JF

- **Objective 1.6:** Protect historic and cultural resources, such as cemeteries and gathering places from all hazards

Action 1.6.1: Identify vulnerable historic and cultural resources, ~~as well as~~ and opportunities to protect and/or relocate historic assets threatened by sea level rise

- **Objective 1.7:** Protect critical facilities from lightning strikes

Action 1.7.1: Install lightning rods on all critical facilities relevant/feasible/done?

Action 1.7.2: Install and maintain surge protection on all critical electronic equipment Sent to Ben/David/Ernest

- **Objective 1.8:** Protect citizens from sinkholes 1 vote for removal

Action 1.8.1: Initiate study on salt domes to fill in data gaps and identify hazard effects

▪ **Goal 2: Enhance public awareness and understanding of disaster preparedness**

- **Objective 2.1:** Increase public awareness of hazard areas and educate the public on mitigation through existing channels and organizations and their memberships.

Action 2.1.1: Continue to advertise public meetings ~~during the~~ for hazard mitigation planning updates and yearly maintenance to spark engagement process

Action 2.1.2: OEP will ~~continues~~ to attend public gatherings, provide yearly materials for preparedness, and updates to the registration system for people needing evacuation or other services in preparation for an event.

Action 2.1.3: Continue web and email postings of mitigation programs available to reduce risks.

Action 2.1.4: Develop or identify and place pamphlets in the libraries and the Parish Government Tower regarding the various hazards that can impact the parish. ~~Place pamphlets in the libraries and the Parish Government Tower regarding the risk of sinkholes~~

Action 2.1.5 Increase social media to increase penetration of messaging

Action 2.1.6 Increase education regarding Law and Ordinance and Flood Insurance Claims to assist in elevation or other code compliance.

Action 2.1.7 Increase transparency on the website and links to useful material.

Action 2.1.8 Provide age appropriate materials for schools to support physical and mental health through knowledge of natural hazard preparation and recovery.

Action 2.1.9 Educate communities currently residing in at risk areas on the six (6) evacuation plans, access to shelter and transportation assistance as needed.

Action 2.1.10 Promote increased participation in the NFIP

Action 2.1.11: Better promote the Multijurisdictional Program for Public Information to educate population on risk reduction strategies, their responsibilities, and the Parish's responsibility for enforcement

Action 2.1.12 Gather and present information on subsidence and climate change a models mature and understanding improves.

Action 2.2.13 Increase understanding of public, real estate, banking and mortgage stakeholders regarding the value of flood and wind safety building alternatives.

▪ **Goal 3: Reduce repetitive flood losses in the parish**

- **Objective 3.1.:** Eliminate threat of flood damage to structures in Terrebonne Parish including storm surge and levee failure

Action 3.1.1: Upgrade ~~Continue to upgrade~~ current drainage infrastructure (see Attachment 3-1 for locations) Construct new flood control structures and levees or elevate or harden as necessary.

Action 3.1.2: Construct new flood control structures and levees or elevate or harden as necessary.

Action 3.1.3: Elevate or acquire all RL and SRL structures in Terrebonne Parish

Action 3.1.4: ~~Acquire all RL and SRL structures in Terrebonne Parish~~ Develop new and more accurate models to project the impact of various activities.

Action 3.1.5: Elevate equipment that is vulnerable to flood damage

Action 3.1.6: Flood proof all public buildings vulnerable to flood damage

Action 3.1.7: Construct Morganza to the Gulf Hurricane Protection Levee which would protect both new and current developments vote for removal - redundant

Action 3.1.8: Collaborate with communities to design, evaluate, and implement Relocation Strategies for communities located outside the levee systems as needed

Action 3.1.9: Ensure that current and future building elevations take the needs of those individuals with access and functional needs into account. This includes the incorporation of lifts.

Action 3.1.10: Identify mechanisms to protect the Island Road from surge and tidal impacts. This might include engineered solutions to decrease wave impacts and/or erosion control mechanisms along the edges of the road. Cost benefit?

▪ **Goal 4: Facilitate sound development in the parish to reduce or eliminate potential impacts of hazards**

- **Objective 4.1:** Promote and permit commercial and industrial development, including public critical facilities, outside of hazard areas to limit business interruption, property damage, and impairment to critical facilities in strict accordance with the parish zoning, flood management, and other applicable state and federal regulations.

Action 4.1.1: ~~Enforce building codes~~ ~~Ensure to ensure~~ that future development does not increase hazard losses. ~~No Adverse Impact? by enforcing building codes~~

Action 4.1.2: Guide future development away from hazard areas using zoning regulations while maintaining other parish goals such as economic development and improving the quality of life

Action 4.1.3: Provide safe locations for files, records, and computer equipment

Action 4.1.4: Examine current zoning regulations and determine what new regulations could be passed to reduce the effects of hazards on new buildings and infrastructure

- **Objective 4.2:** Promote preservation and/or conservation of flood prone areas for parish parks, recreation areas, and general flood plain management

Action 4.2.1: Participate in existing programs at the state and federal levels oriented to environmental enhancement and conservation

Action 4.2.2: ~~Continue to participate in the NFIP (including Houma under the Consolidated Government)~~ moved to education

Action 4.2.3: Establish a public outreach campaign to ensure all homeowners in floodplains are aware of the various types of coverage options under the NFIP

Action 4.2.4: Establish homeowner education program on flood mitigation measures

~~Action 4.2.5: Multijurisdictional Program for Public Information to educate population on risk reduction strategies, their responsibilities, and the Parish's responsibility for enforcement~~ Move to education

Action 4.2.6: Work with ~~communities currently residing~~ land owners in flood prone areas, particularly outside of the levee systems, and other stakeholders to identify on the identification of flood mitigation and climate adaptation measures to reduce flood risk and protect the levee, floodgate and lock system/s.

Action 4.2.6 Research partners and low tech or low cost alternatives for marsh, coastal or shoreline protection or restoration programs to reduce harm from all hazards.