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# GLO RESILIENCY PLANNING INITIATIVES

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Using Natural Systems for Resiliency  
Mission Aransas Reserve  
August 2, 2016





# TEXAS COASTAL RESILIENCY MASTER PLAN GOALS

Provide a framework for community, socio-economic, ecologic and infrastructure protection from coastal hazards.

- Identify and prioritize coastal vulnerabilities along the Texas coast.
- Select and evaluate solutions/projects (and groups of projects) that produce measurable economic and ecological benefits by reducing risks and impacts from coastal hazards.
- Incorporate ecosystem-based management to balance competing demands on ecosystems and coastal communities.
- Implement projects that optimize cost effectiveness and performance.
- Effectively communicate the value of the Texas coast, the role of the GLO in coastal resiliency and the importance of executing the identified solutions to reduce vulnerabilities from coastal hazards.
- Maintain adaptability to accommodate changing coastal conditions and impacts, as well as evolving coastal resiliency needs.



# COASTAL REGIONS





# Texas Coastal Resiliency Master Plan Process

Convened a Technical Advisory Committee (TAC) by region

Held 4 Regional TAC meetings to evaluate IOC and project solutions

Gap analysis: review proposed projects against technical datasets

Conduct further project analysis economic benefits, costs, efficiencies

Final Plan in 2017 during the Legislative session.


(Plan's results aim to assist with the USACE Texas Coastal Texas Study and other planning efforts)



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# USACE COASTAL TEXAS PROTECTION & RESTORATION FEASIBILITY STUDY

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- **Goal:**
    - The study will determine the feasibility of constructing projects for hurricane and storm flood damage reduction and ecosystem restoration. Projects deemed feasible could then be considered by Congress for authorization and funding.
  - **Analyses:**
    - The Corps Study will involve engineering, economic, and environmental studies on approximately 10 to 12 projects/alternatives to determine feasibility according to Corps of Engineers standards.
  - **Timeline:** 2016 to 2021
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# GLO TEXAS COASTAL RESILIENCY ADVISORY GROUP

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- **Purpose:** Offer guidance and recommendations to GLO on coastal resiliency and recovery (policies, programs, priorities, funding).
  - **Members:** 15 members (3 per 5 Council of Gov't regions) serving 2-year terms
    - Local elected or gov't official
    - Coastal conservation or regional planning assoc.
    - Regional port or coastal business community
  - Meetings will be held quarterly, rotating locations
    - First Meeting: August 9<sup>th</sup> to provide an overview of coastal protection
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# Questions?

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