

Planning for Community Resilience

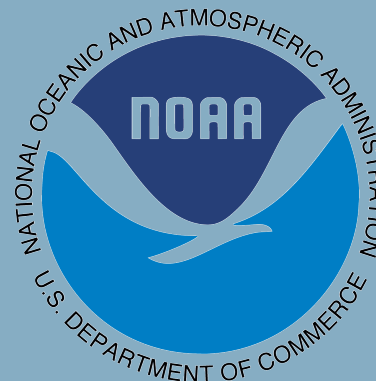
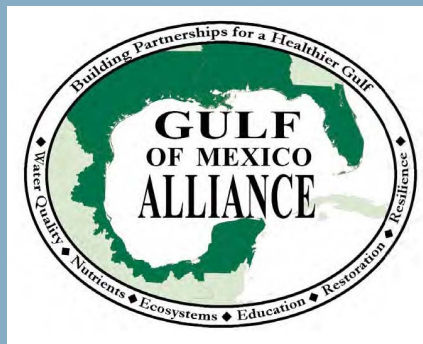
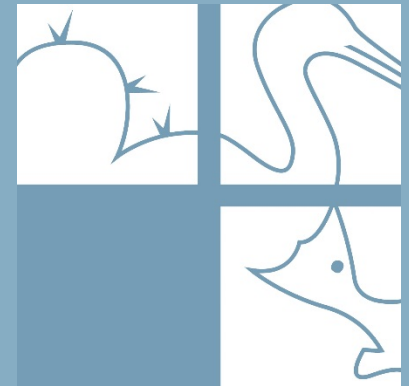
Aransas Pass Comprehensive Resiliency Plan

City of Aransas Pass

Mission-Aransas Reserve

Texas Sea Grant

Presented by Amanda Torres



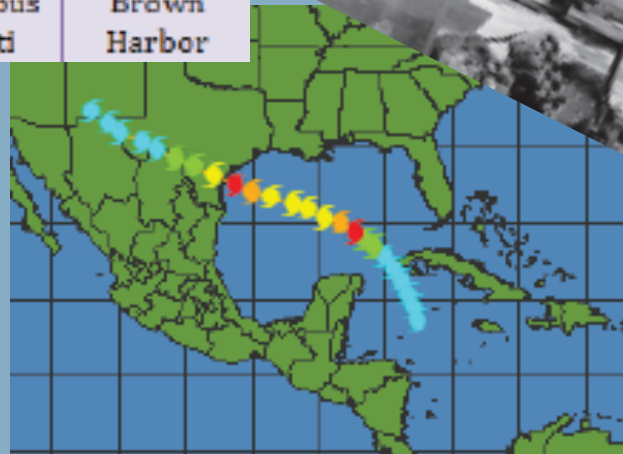
Coastal Resilience Index (CRI) at Aransas Pass

- Mission Aransas NERR and Texas Sea Grant led discussion on the City's resilience using the CRI
- Aransas Pass CRI workshop: March 11, 2014
- 22 participants: Emergency Management, Harbormaster, Utilities, Finance, Municipal Court, Building, Police, IT, and Fire
- Sections covered: scenario building, infrastructure, facilities, transportation, plans and agreements, mitigation measures, business planning, and social systems.

Coastal Resilience Index

- Scenario Building

Variables	Hurricane Celia	Hurricane Sylvia
Wind speed at landfall (mph)	130	150
Rainfall (total/24 hours)	5-7 in.	10-14 in.
Storm Surge (height in feet)	9.2	12
Direction	N/NW	N/NW
Speed of Movement	10 mph	6 mph
Tidal Influence (High or Low)	Low	High
Landfall Location	Port A./Corpus Christi	Conn Brown Harbor



Interpreting Scores

- Low: Community should pay specific attention to this category and make efforts to address the areas of low rating.
- Medium: More work can be done to improve the resilience in this category.
- High: Community is well prepared for a storm event with respect to this category.



Aransas Pass Results

1. Critical Infrastructure:

Low

2. Critical Facilities: **Low**

3. Transportation Issues:

Medium

4. Community Plans and
Agreements: **Medium**

5. Mitigation Measures:

Medium

6. Business Plans: **Low**

7. Social Systems: **Low**



Immediate Next Steps Identified

Revise the City's mitigation plan.

Develop a strategic plan that addresses disaster preparedness.

Develop a shoreline restoration plan for critically eroding areas in the City.

Build relationships with local organizations and industries to create a network of assistance for Aransas Pass residents.



Aransas Pass Resiliency Committee

- Amanda Torres, *City of Aransas Pass*
- Bill Haines, *City of Aransas Pass*
- Brooke Ostrom, *City of Aransas Pass*
- Rosemary Vega, *Aransas Pass Chamber of Commerce*
- Colbi Gemmell, *Mission-Aransas National Estuarine Research Reserve*
- Heather Wade, *Harte Research Institute (formerly with Texas Sea Grant)*
- Richard Gonzales, *Science & Spanish Club Network*



Planning Project Goals



- Develop a long-term plan to address coastal resiliency in Aransas Pass, and
- Conduct a community-wide outreach campaign to make the community aware of coastal resiliency and get resident input on critical needs.



Addressing Environmental Vulnerability

- City has no staff expert on protecting its natural resources
 - Public Access and Shoreline Management Plan published in 2002 but never fully implemented
- Scientific partners Mission Aransas NERR and the Nature Conservancy have teamed to address the environmental resilience aspect of the plan.



The Nature
Conservancy



Protecting nature. Preserving life.™



Project Timeline

<i>August-October 2014</i>	<ul style="list-style-type: none"> • Committee development and initial stakeholder meeting development
<i>November 2014</i>	<ul style="list-style-type: none"> • Survey for data analysis is developed and distributed online.
<i>December 2014-February 2015:</i>	<ul style="list-style-type: none"> • Stakeholder meetings are held. Data continues to be collected on survey instrument.
<i>March 2015:</i>	<ul style="list-style-type: none"> • Large community forum on resiliency to be held in March. Data from survey will be analyzed and assignments will be given to committee members to address certain components of the plan.
<i>April-June 2015:</i>	<ul style="list-style-type: none"> • Develop outreach materials. Meet with key stakeholders to develop partnership/role in City resilience plan.
<i>July-September 2015:</i>	<ul style="list-style-type: none"> • Write Coastal Resilience Plan. Distribute outreach materials.
<i>October-November 2015:</i>	<ul style="list-style-type: none"> • Present final draft plan to key stakeholders for review.
<i>November 2015:</i>	<ul style="list-style-type: none"> • Hold final community forum to present finalized plan and discuss implementation.

Community Engagement

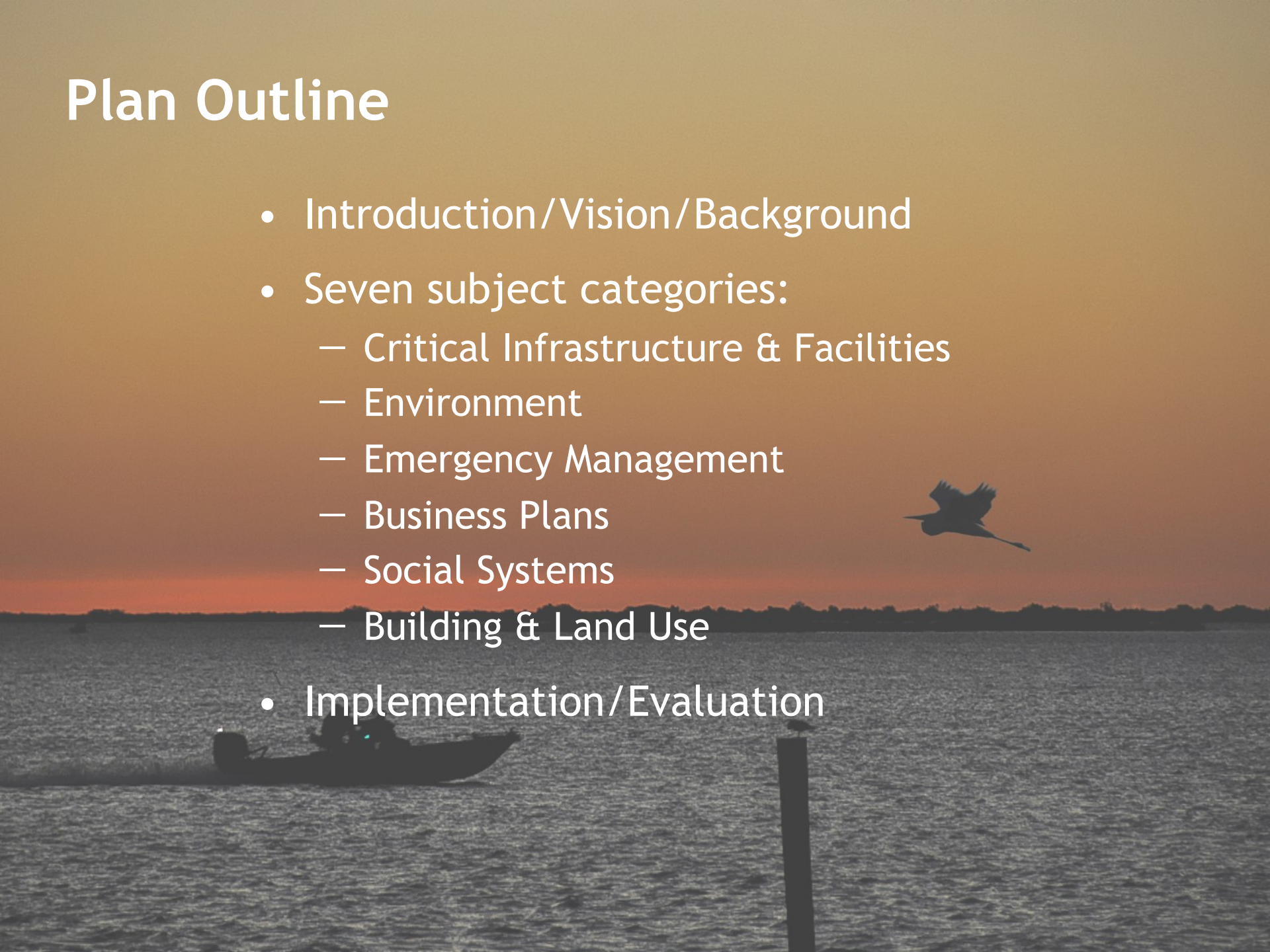


- Met with several community groups (CoC, Women's Club, Rotary Club, etc.) prior to stakeholder workshop
- Released survey on Survey Monkey
- Engaged local youth at Science & Spanish Club environmental summit
- Hosted an interactive workshop explaining the Coastal Resilience Index and gathering ideas from citizens



Plan Outline

- Introduction/Vision/Background
- Seven subject categories:
 - Critical Infrastructure & Facilities
 - Environment
 - Emergency Management
 - Business Plans
 - Social Systems
 - Building & Land Use
- Implementation/Evaluation





Project Website

Coastal Resilience Plan

Mission

The mission of the Coastal Resilience Plan for Aransas Pass is to develop strategies for addressing the weaknesses identified in the Coastal Resilience Index over a 5 year period. The development of this plan will rely on input from key experienced city staff, local stakeholders, and the community at large. The development of this plan has been funded by a grant awarded by the **National Oceanic and Atmospheric Administration** and the **Gulf of Mexico Alliance**.

This project should complete two ultimate goals:

- Develop a long-term plan to address coastal resiliency in Aransas Pass, and
- Conduct a community-wide outreach campaign to make the community aware of coastal resiliency and get resident input on critical needs.

Learn more about the Resilience Index here – <http://masgc.org/coastal-storms-program/resilience-index>

See the Aransas Pass Coastal Resilience Index Report here – [PDF](#)

Committee Members

- Amanda Torres, *City of Aransas Pass*
- Bill Haines, *City of Aransas Pass*
- Brooke Ostrom, *City of Aransas Pass*
- Eric Blanchard, *City of Aransas Pass*
- Lynn Pearce, *City of Aransas Pass*
- Richard Gonzales, *Coordinator, Science & Spanish Club Network*
- Rosemary Vega, *Aransas Pass Chamber of Commerce*
- Colbi Gemmell, *Mission-Aransas National Estuarine Research Reserve*
- Heather Wade, *Harte Research Institute*

Contact Information

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CITY OF ARANSAS PASS RSS FEED

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- [Events](#)
- [News & Important Information](#)
- [Public Notices](#)

Tweets Follow

Aransas Pass Police @AransasPassPD 13 May
Tornado Watch 169 is in effect until 5:00 pm CDT for the following locations TX.
Texas counties included are... fb.me/6DgVxjDRc
Retweeted by City of Aransas Pass
Expand

Aransas Pass Police @AransasPassPD 13 May
Tweet to @AransasPassCity

Find us on Facebook

City of Aransas Pass Like

City of Aransas Pass shared Aransas Pass Police Department's post.
May 13 at 1:08pm

Aransas Pass Police Department
THE FLASH FLOOD WATCH CONTINUES FOR
• A PORTION OF SOUTH TEXAS INCLUDING THE FOLLOWING AREAS: ARANSAS, BEE, CALHOUN, DUVAL, GALVESTON, JIM WELLS
See More

4 Likes · 3 Comments
1,439 people like City of Aransas Pass.

For more information about the
Aransas Pass Comprehensive
Resilience Plan Project, contact:

Aransas Pass

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