

Engaging Ports to Create a More Resilient Coastal Economy

The Ports Resilience Index



Presentation to the National Working
Waterfronts Network Symposium
November 17, 2015



Why are Ports important?

A few convincing statistics:

Each year, U.S. seaports handle about 2 billion tons of cargo (import, export and domestic) including food, clothing, medicine, fuel, building materials, electronics and toys

Seaports support the employment of more than 13 million people in the U.S.

Each state relies on at least 15 seaports to handle its imports and exports

International trade and shipping is going to increase, with the expansion of the Panama Canal

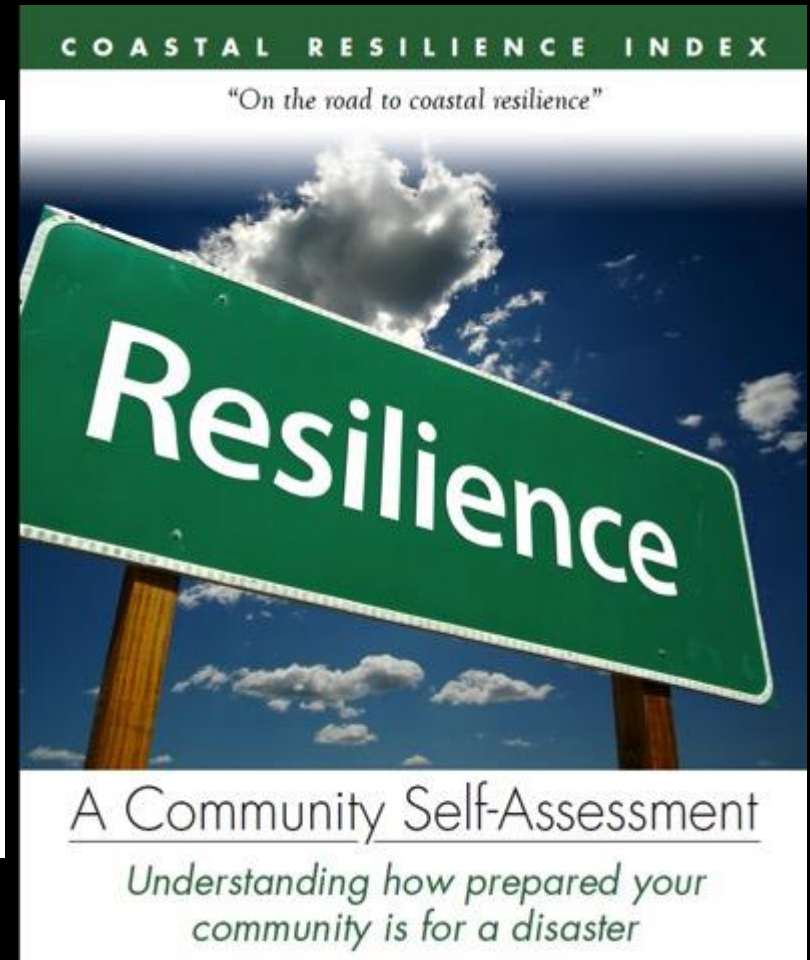
By 2020, total freight movement through U.S. seaports is expected to increase by 50%



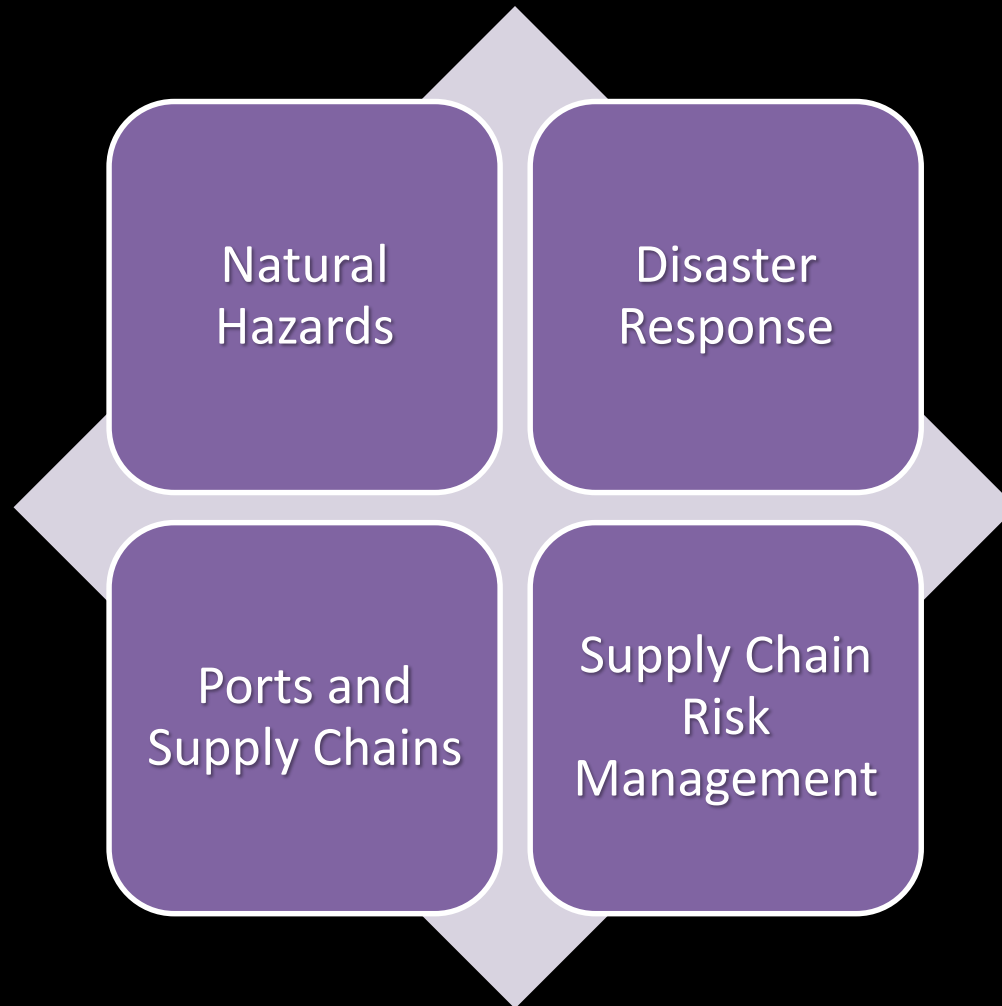
The Resilience Index Project



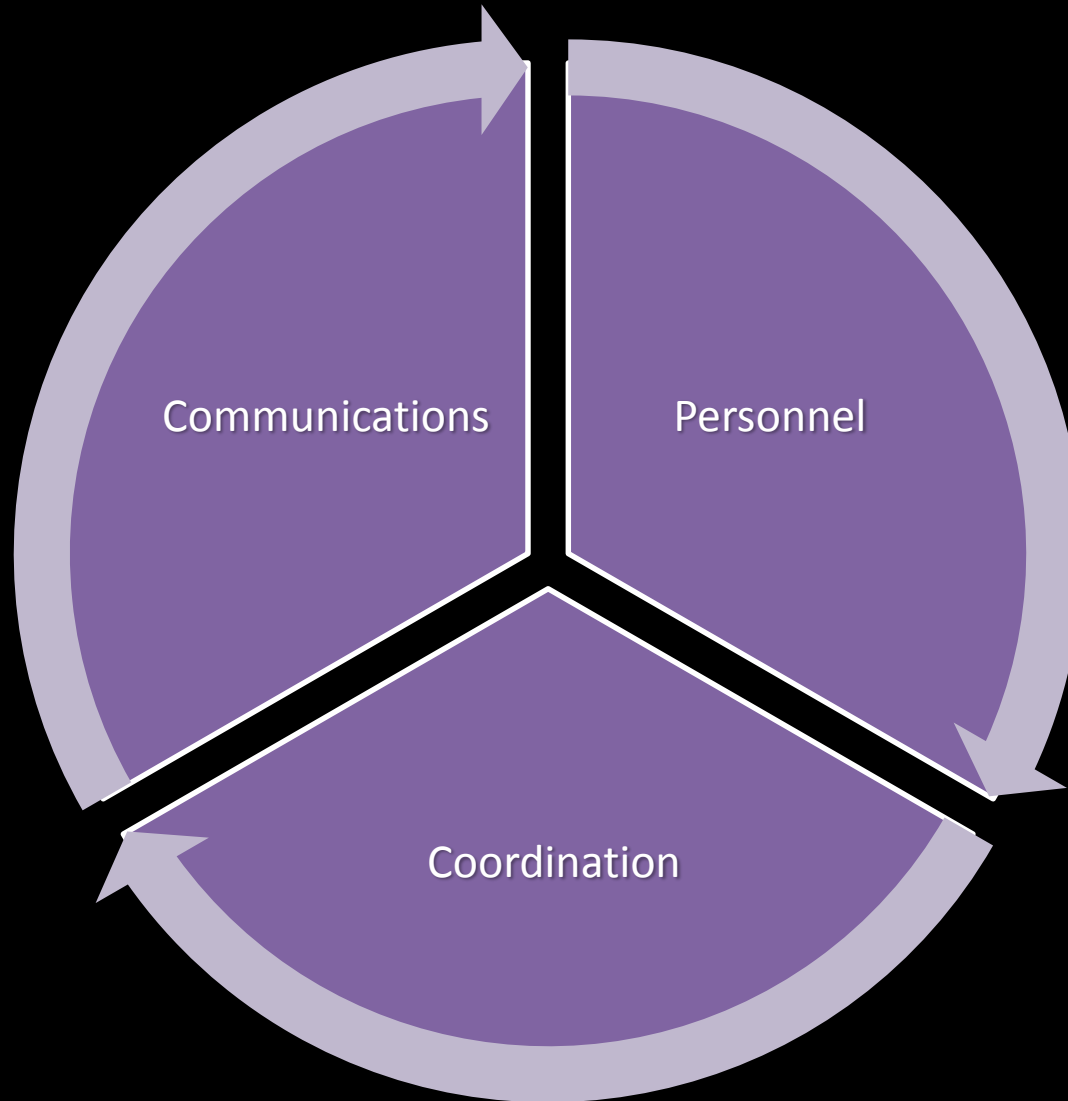
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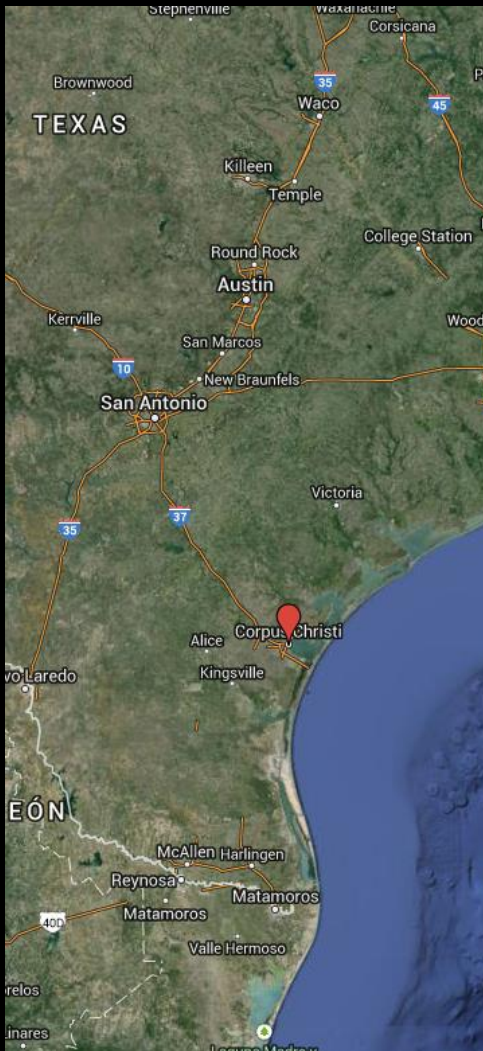
Ports & Resilience in the Academic Literature



Port Risk Management: Additional Federal Guidance would aid Ports in Disaster Planning and Recovery



Ports and Harbors Workgroup



Our Working Definition of Resilience

The ability of ports to return to an acceptable level of functioning after a disaster and “bounce forward”



Progress To Date

Online Survey

Kickoff Meeting:
October 31, 2014

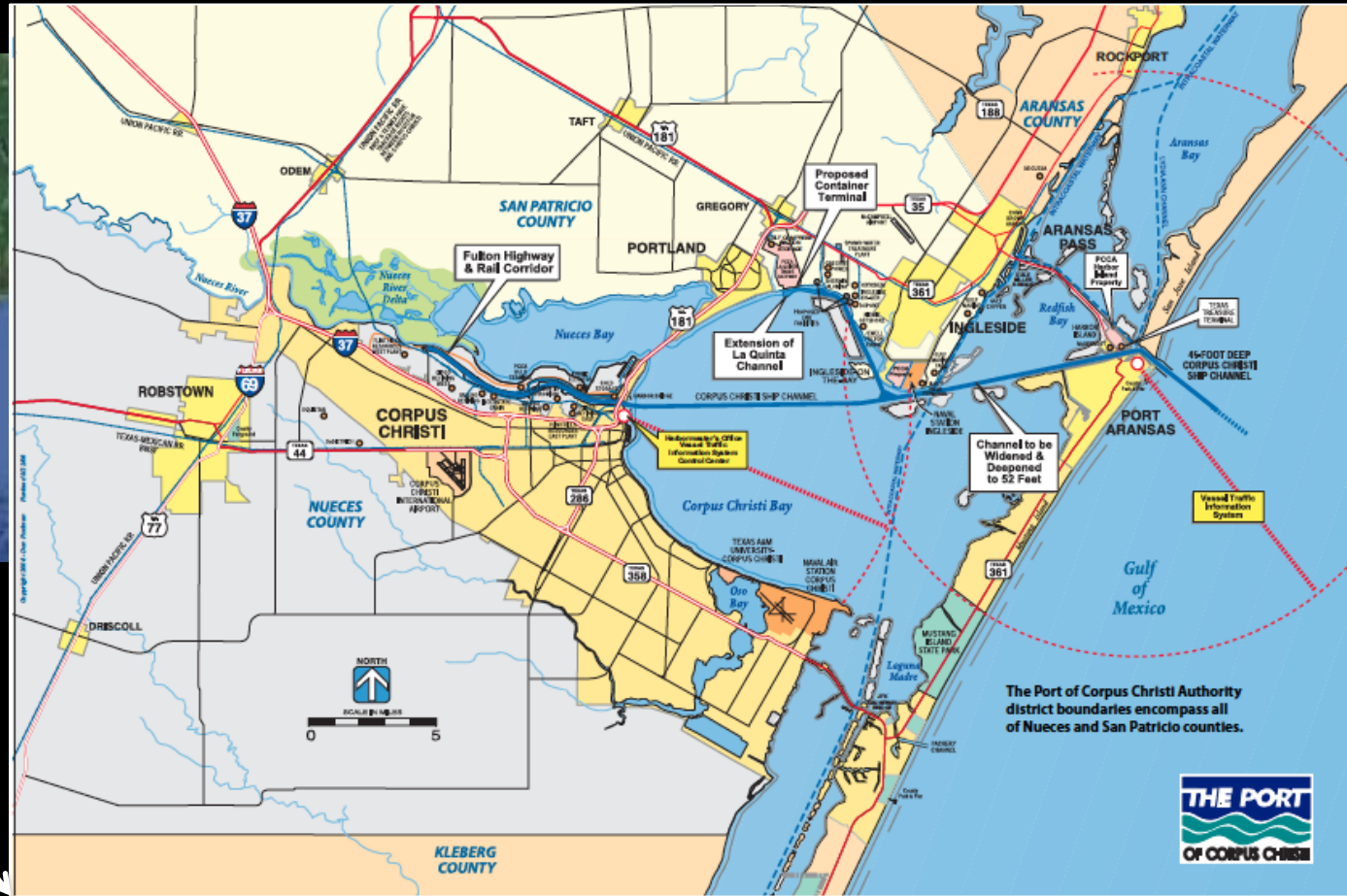


Work Session:
January 20-21, 2015

Pilot Tests: (3)
Summer 2015



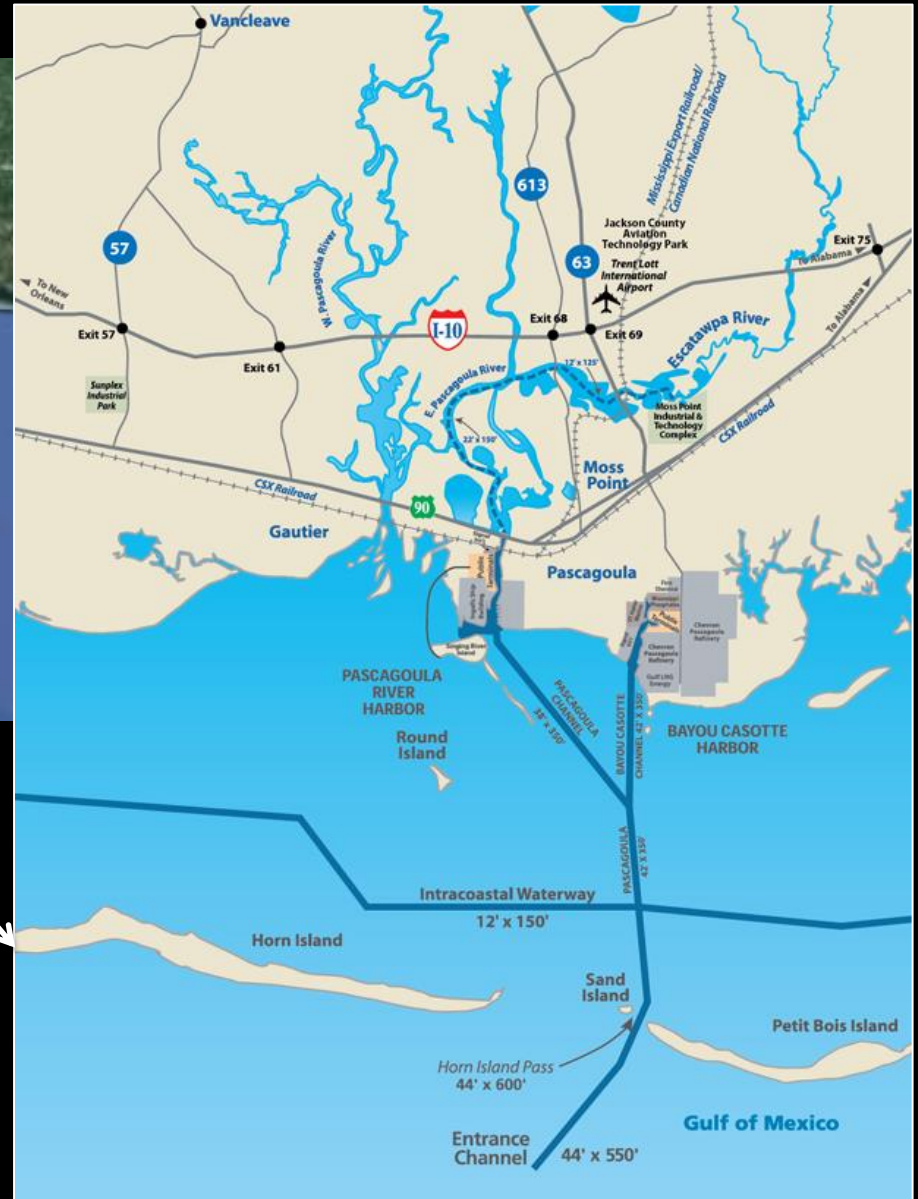
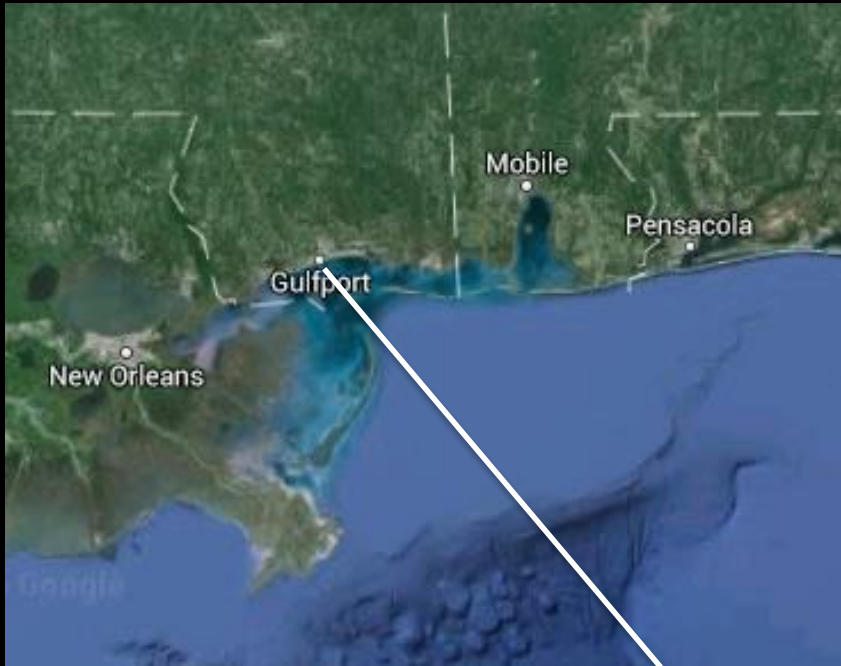
Port Resilience Index Pilot: Corpus Christi



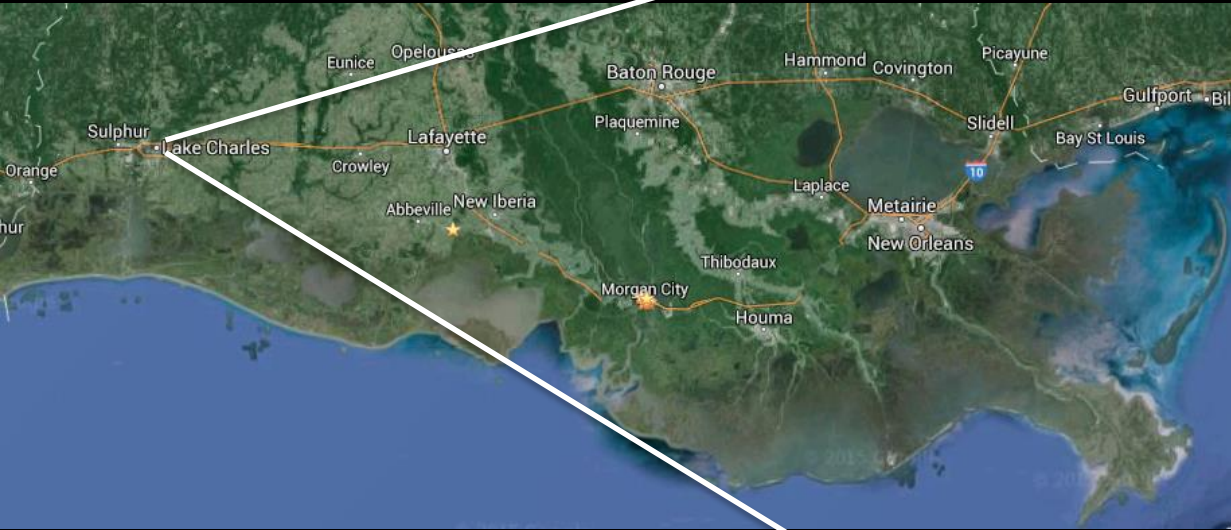
The Port of Corpus Christi Authority district boundaries encompass all of Nueces and San Patricio counties.



Port Resilience Index Pilot: Pascagoula



Port Resilience Index Pilot: Lake Charles



Sections of the Ports Resilience Index:

Planning Documents for Hazards and Threats

Hazard Assessment: Infrastructure and Assets

Insurance and Risk Management

Continuity of Operations Planning: Infrastructure & Facilities

Internal Port Authority Communications

Tenant and External Stakeholder Communications

EOC Location (Physical or Virtual)

Critical Records and Finance

Next Steps and Thank You!



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Ports Resilience Committee