

# The Texas General Land Office

George P. Bush, Commissioner

Jason Pinchback

Manager, Coastal Resources



# Texas General Land Office on the coast

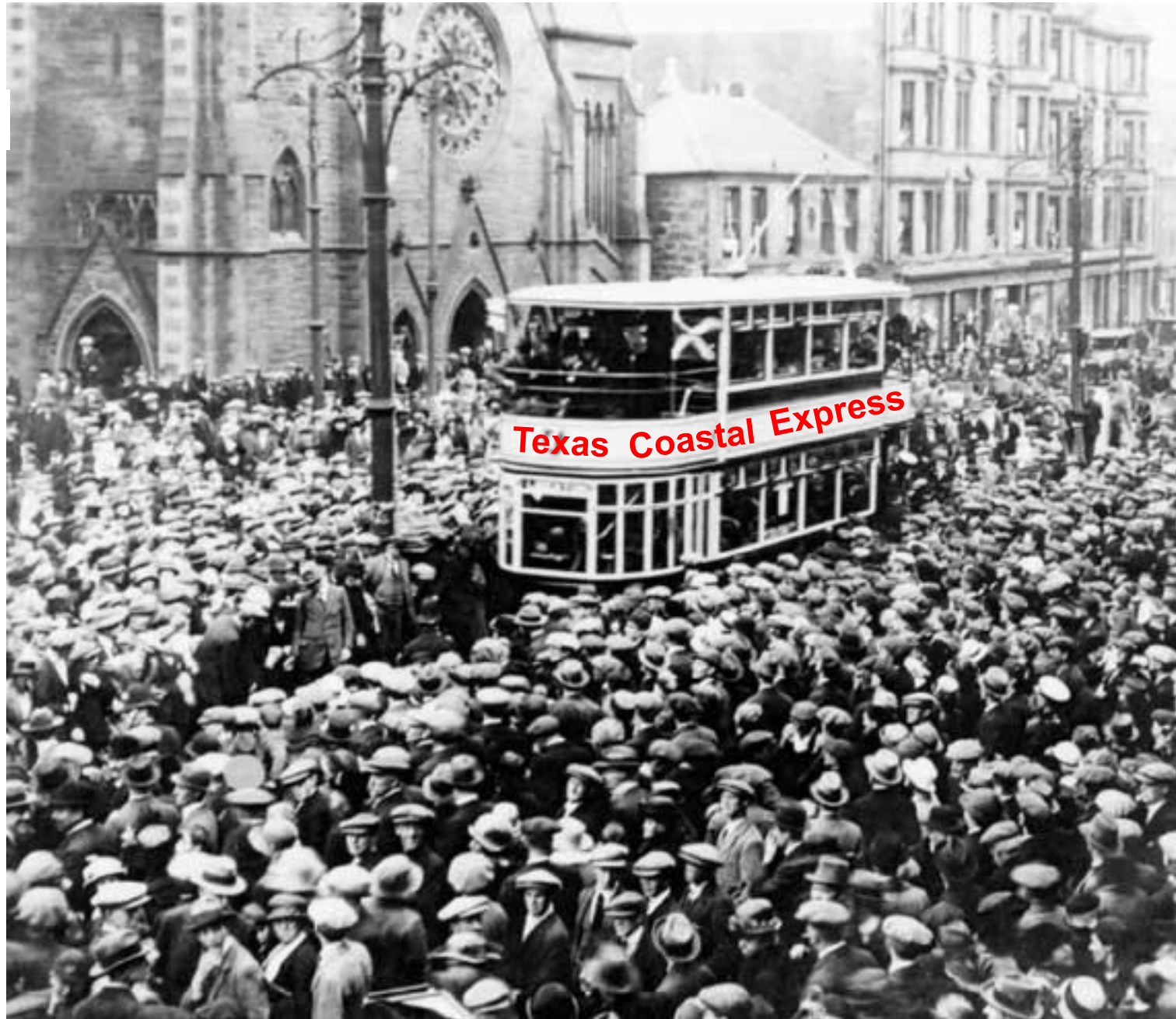
Lead Agency Responsible for:

- Revenue for Permanent School Fund
- Coastal Oil Spill Response
- Disaster Recovery
- Manage state owned lands
- Manage coastal resources



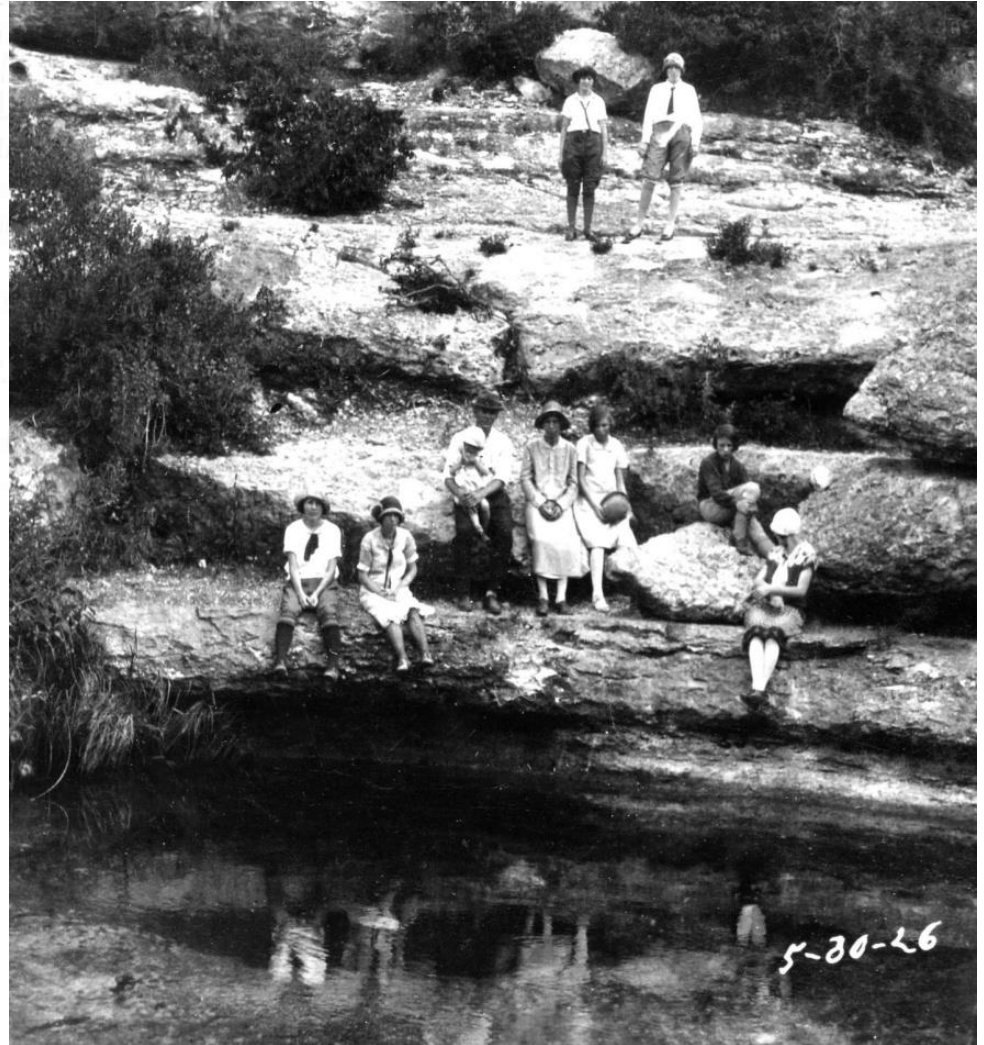
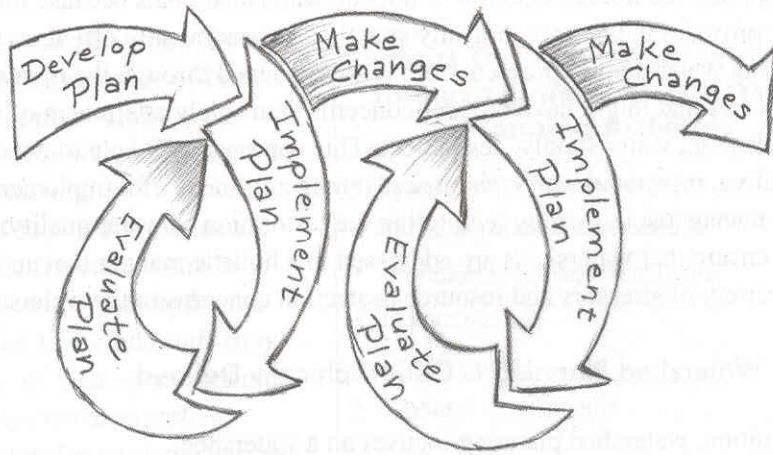
- 367 miles of Gulf shoreline
- Over 3,300 miles of bay shoreline
- 18 coastal counties (26% of State's pop.)

This bus  
represents the  
Texas Coast...  
...and more  
folks are on the  
way!





# Adapting to change...



(Photo courtesy of Wimberley Valley Watershed Association)  
(Planning figure: U.S. EPA Handbook for Developing Watershed  
Plans to Restore and Protect Our Waters)

## Nueces County 1930s





## Nueces County 2015





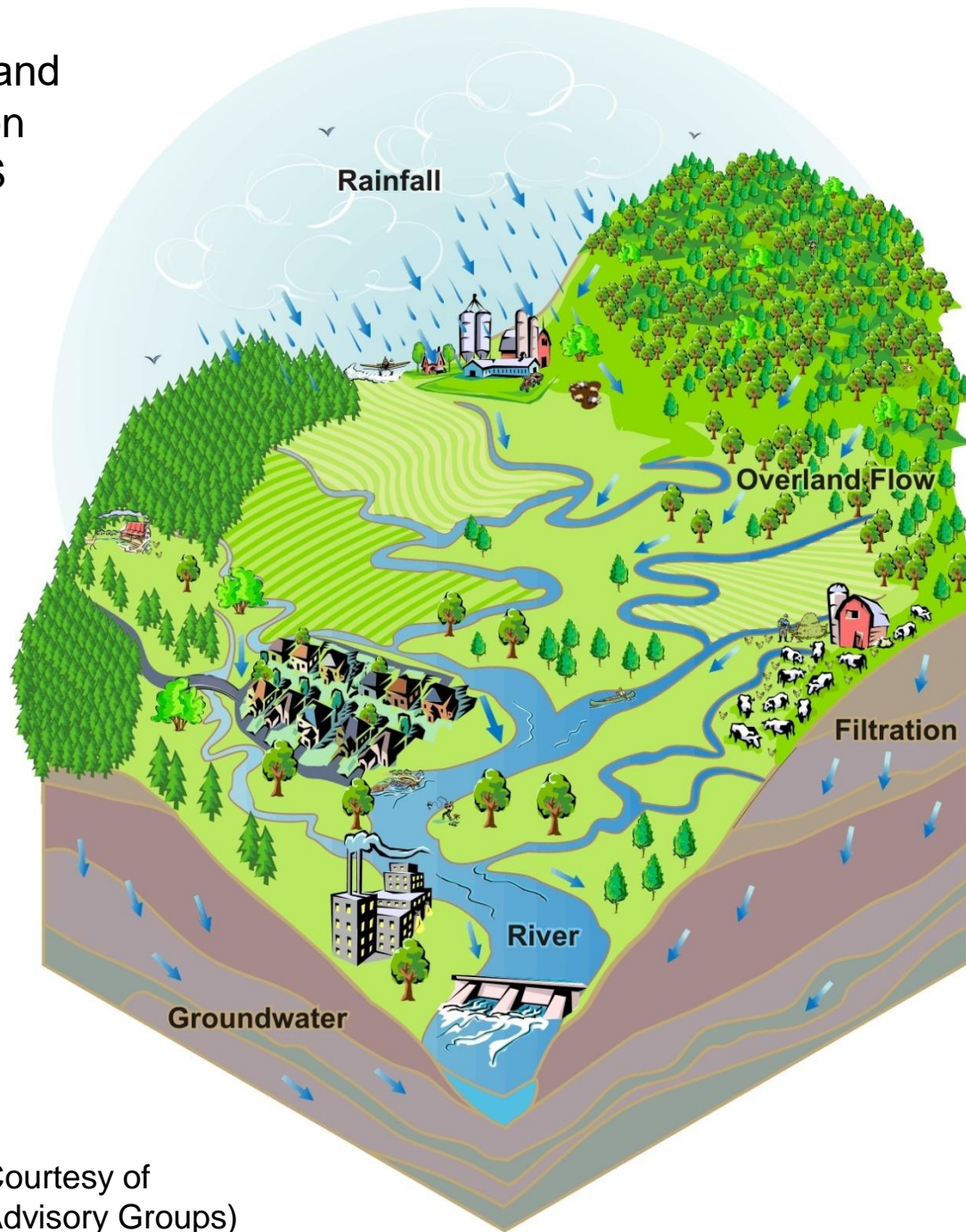


Mar del Plata, Argentina

(<https://hдемиurge.wordpress.com>)



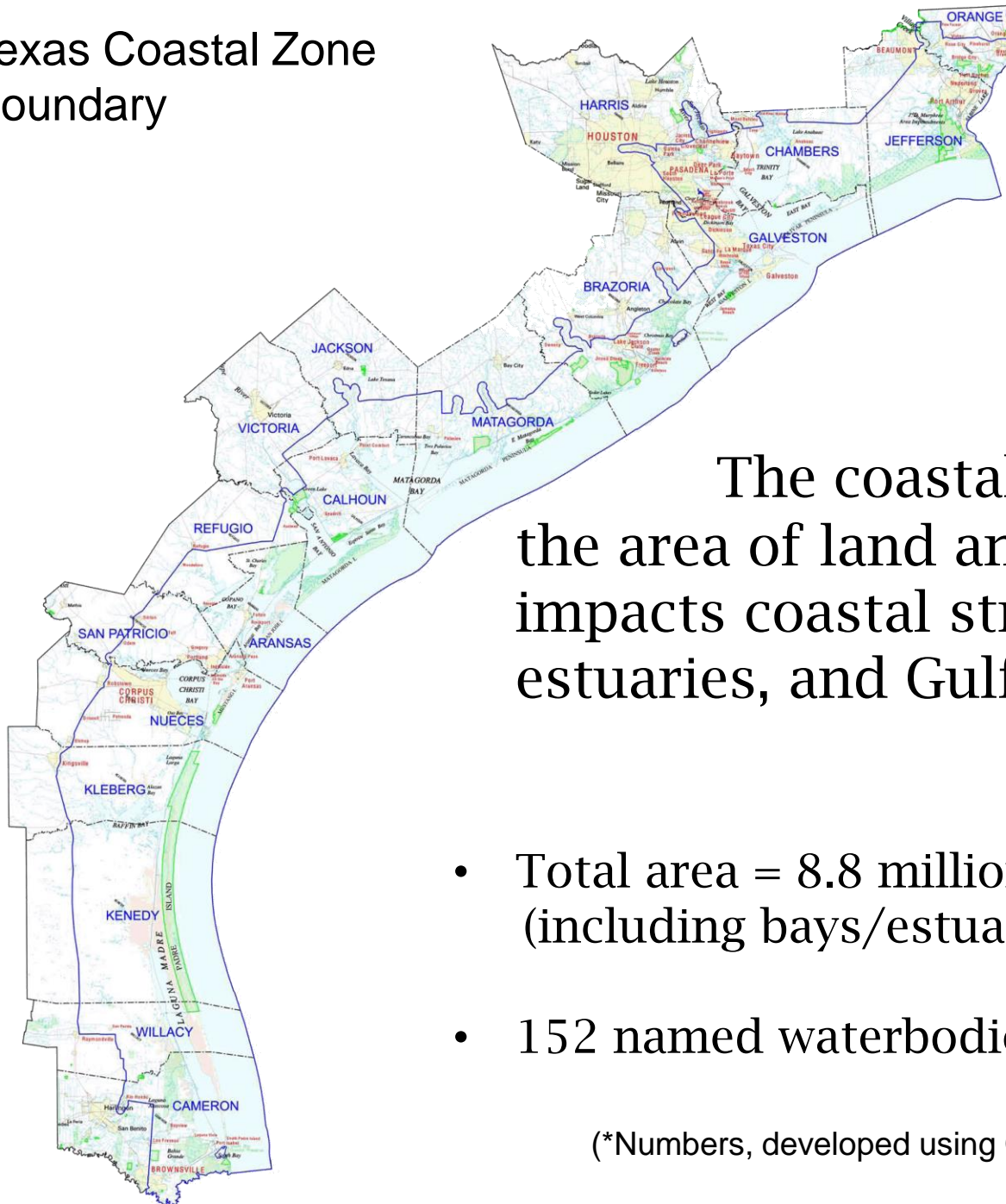
...how to understand  
watershed function  
and “control” NPS  
pollution in the  
Coastal Zone...?



(Watershed Diagram Courtesy of  
Arkansas Watershed Advisory Groups)



# Texas Coastal Zone Boundary

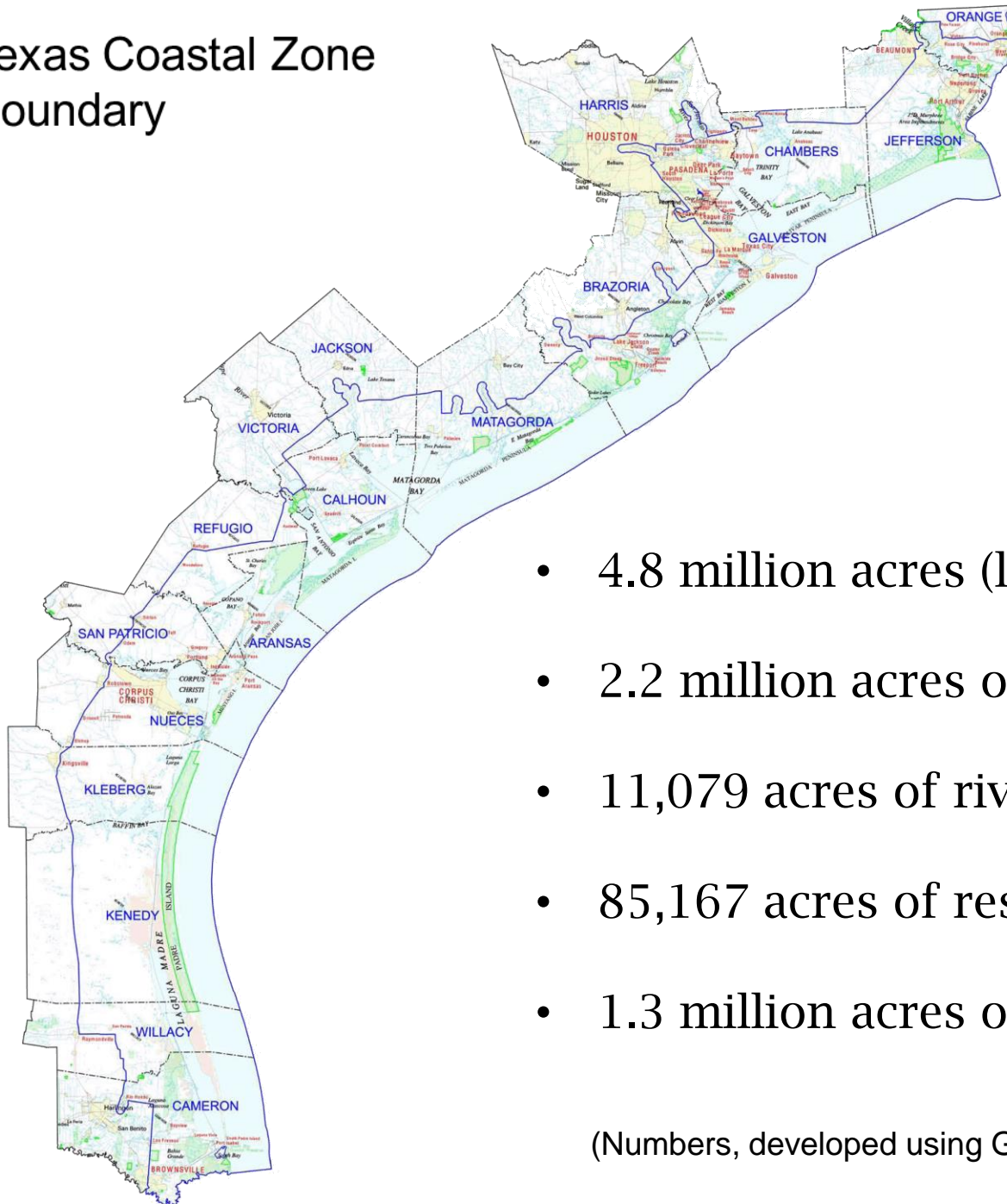


The coastal zone encompasses the area of land and water that directly impacts coastal streams, bays, estuaries, and Gulf of Mexico.

- Total area = 8.8 million acres\*  
(including bays/estuaries/Gulf)
- 152 named waterbodies

(\*Numbers, developed using GIS, are draft and under review.)

# Texas Coastal Zone Boundary



- 4.8 million acres (land)
- 2.2 million acres of bays/estuaries
- 11,079 acres of rivers, streams/creeks
- 85,167 acres of reservoirs/ponds
- 1.3 million acres of wetlands

(Numbers, developed using GIS, are draft and under review.)



# **Coastal Zone Act Reauthorization Amendments (CZARA or § 6217)**

1990 - Congress enacted "Protecting Coastal Waters" (16 U.S.C. §1455b, § 6217)

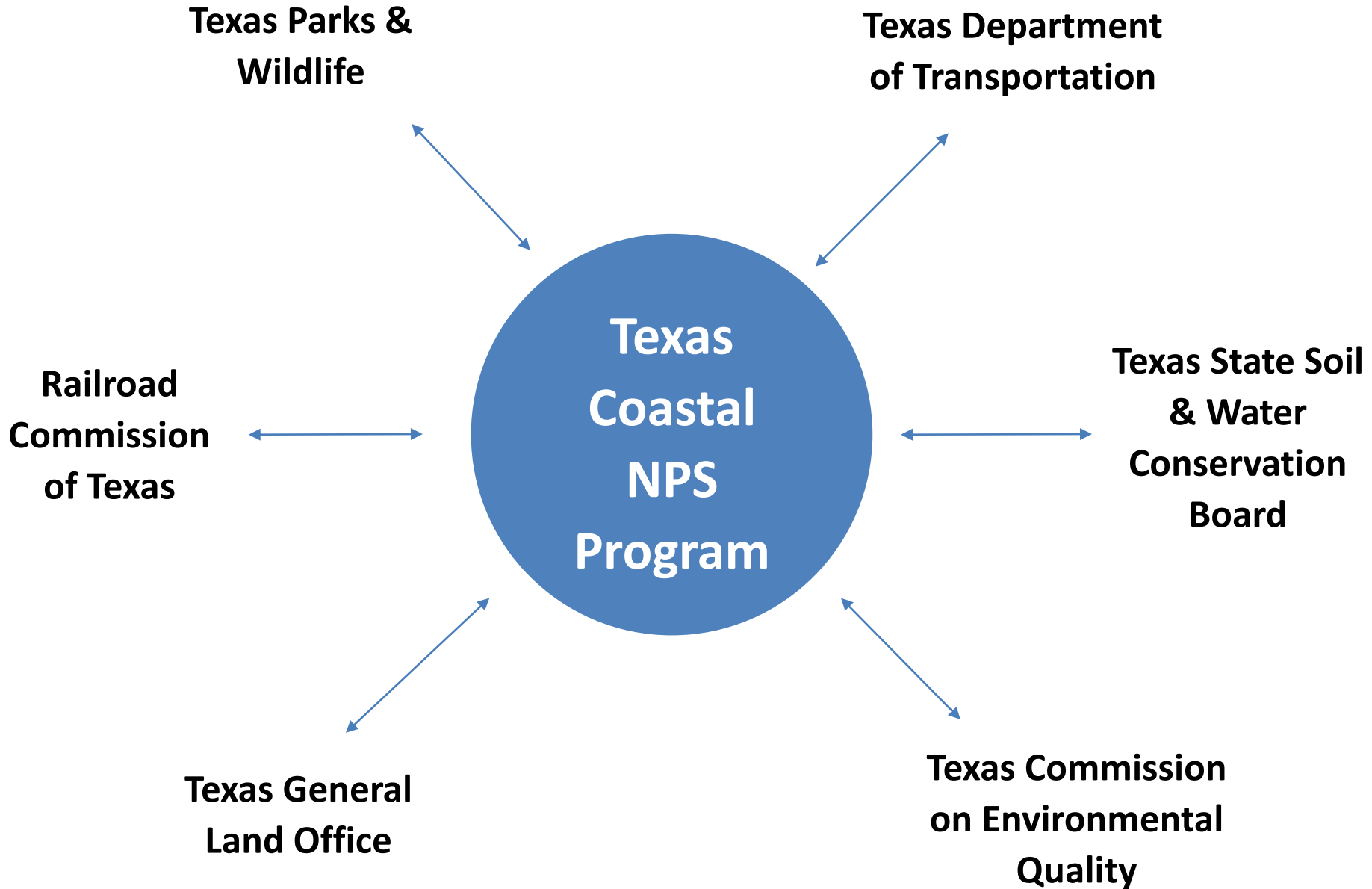
**The purpose is " ...to develop and implement a program to “control” nonpoint source pollution to restore and protect coastal waters, working in close conjunction with other State and local authorities."**

# **Coastal Zone Act Reauthorization Amendments (CZARA or § 6217)**

States with an approved coastal management program must develop, submit, and implement a program to EPA and NOAA for approval.

Texas must achieve full compliance by June 2019 or receive 30% reductions to Texas CWA § 319(h) and Texas Coastal Management Program 306/306A annual funding allocations.





## TPWD

- Reviews § 404 & 401 permits, wetland certifications
- Enhance, conserve, create wetlands
- Enforces boat sewage rules
- Technical/financial assistance

## TXDOT

- Manage & implement NPS controls for construction & maintenance of state roads, highways, bridges
- Technical assistance

## RRC

- Lead agency for § 401 water quality certifications for oil/gas exploration

### **Texas Coastal NPS Program**

- **Issues coordination**
- **Tracking & reporting**
- **Data review & coordination**

## TSSWCB

- Manages agricultural NPS
- Develops, certifies, WQMPs
- WAP, TMDL, WPP development
- Technical/financial assistance

## GLO

- Lead CMP agency
- Administers Coastal NPS Program
- Manages beach/dune systems
- TMDL review for § 6217g
- Technical/financial assistance

## TCEQ

- Manages urban & other non-agricultural NPS
- WAP, TMDL, WPP development
- Enforcement
- Technical/financial assistance



# Potential Strategies:

- Voluntary, non-regulatory, incentives with grants and technical assistance
- Utilize existing programs and/or make adjustments to these programs
- Develop technical guidance materials and provide assistance when requested
- Engage towns and share information about model ordinances; BMPs; LID applications; green infrastructure
- Share information about technical training opportunities/host conference
- Communicate grant opportunities that can provide assistance
- Collaborate and form partnerships



# Texas Coastal Management Program



Coastal Zone Management Program

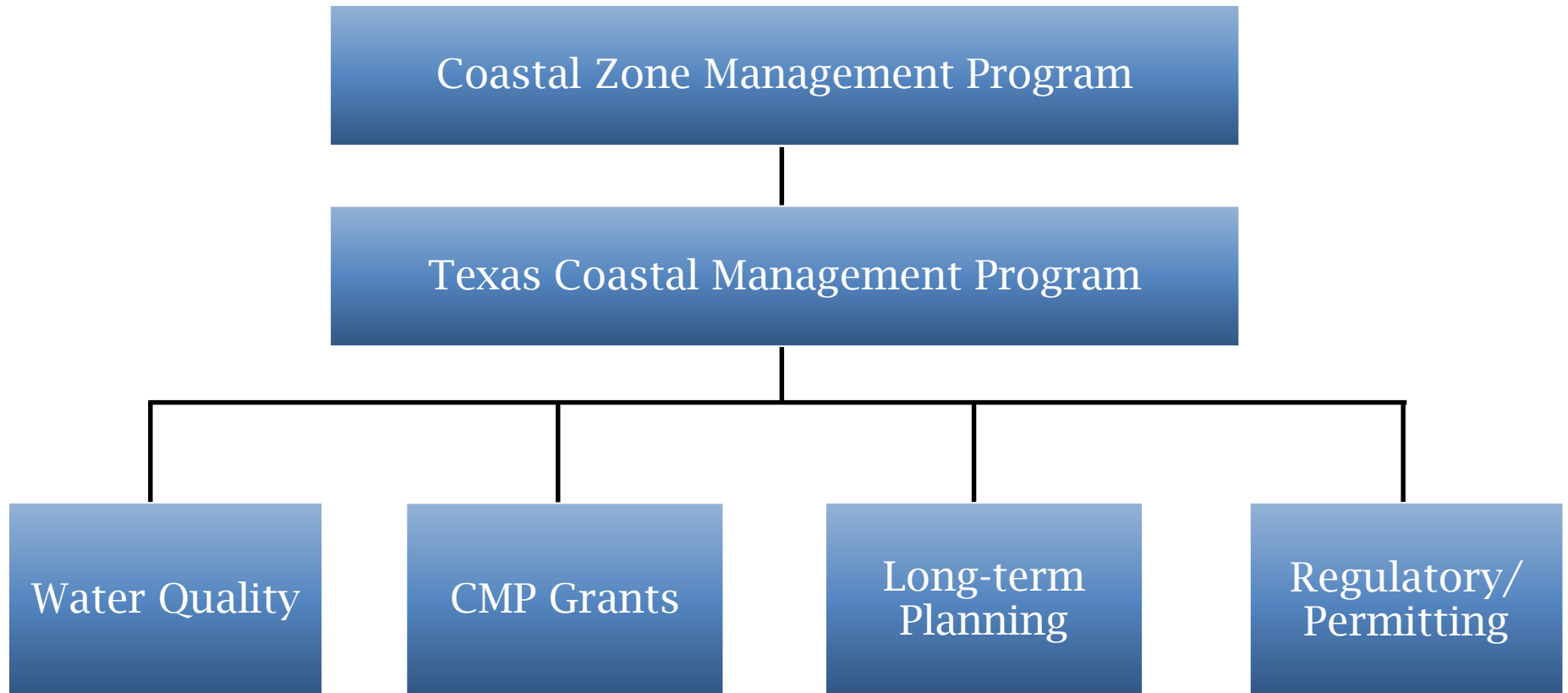
Texas Coastal Management Program

Water Quality

CMP Grants

Long-term  
Planning

Regulatory/  
Permitting





# CMP Grants Program

- Texas receives approximately \$2 million a year from NOAA
- Federal funds may not be used as match
- 60% CMP funding : 40% matching funds
- Match is based on total project cost

Example:

CMP: \$60,000

Match: \$40,000

Total: \$100,000



# Match Requirements

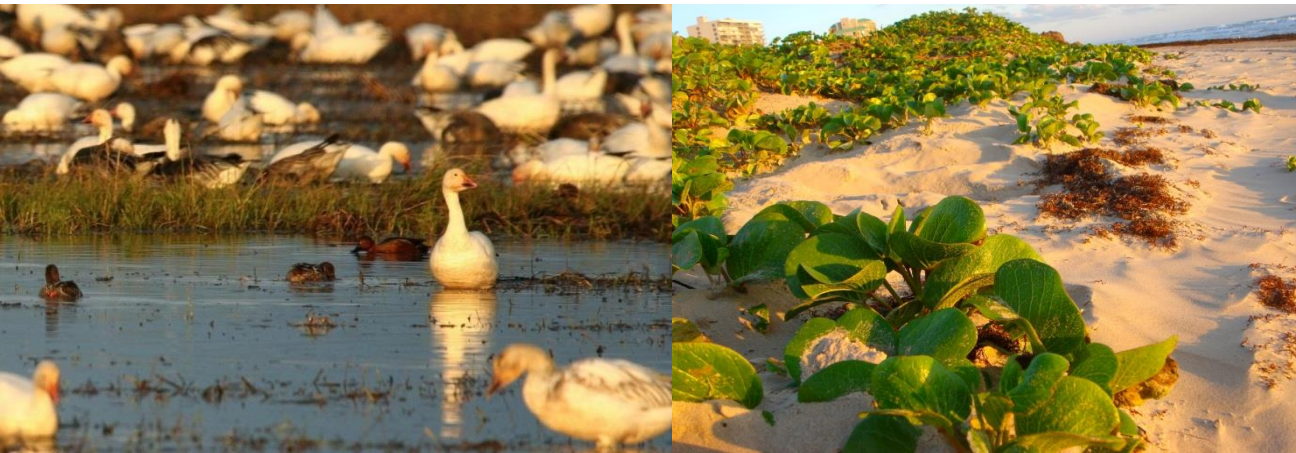
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+ Match: \$40,000

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# CMP Funding Categories

- Coastal Natural Hazards Response
- Critical Areas Enhancement
- Public Access
- Water Quality and Sediment Management Improvement
- Waterfront Revitalization and Ecotourism Development
- Permit Streamlining/Assistance, Governmental Coordination and Local Government Planning Assistance





Visit [txcoasts.com](http://txcoasts.com) to learn about beach access and amenities

[www.glo.texas.gov](http://www.glo.texas.gov)



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