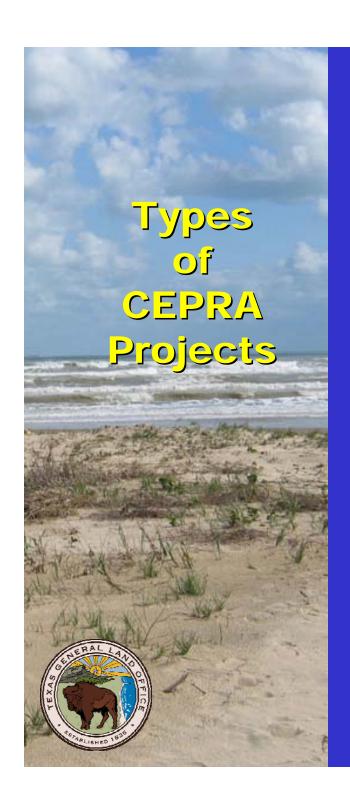


- Enacted by Texas Legislature in 1999.
- State Funding:
  \$7.4 million per 2 year funding cycle
- Match requirements:
   Beach/Dune Projects 75% CEPRA, 25% Partner
   Marsh/Habitat Restoration
   Projects 60% CEPRA,
   40% Partner

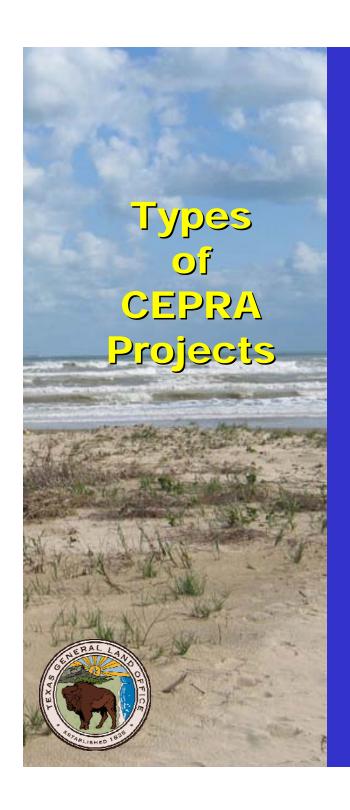


- Beach Nourishment
- Dune Restoration
- Marsh Restoration
- Shoreline Protection
- Bird Habitat Restoration
- Beneficial Use of Dredged Material

### **Beach Nourishment**



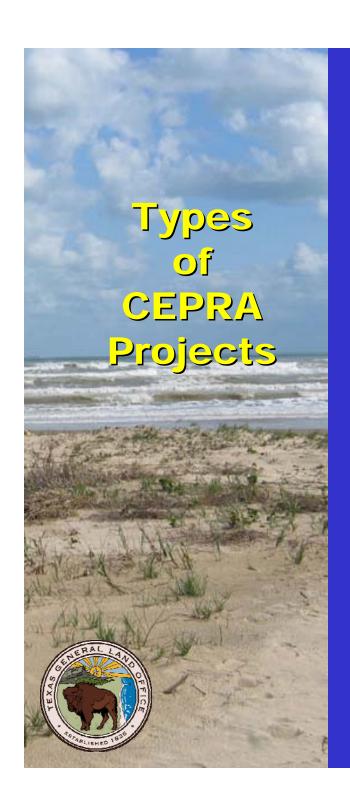
Gilchrist Beach, Galveston County



- Beach Nourishment
- Dune Restoration
- Marsh Restoration
- Shoreline Protection
- Bird Habitat Restoration
- Beneficial Use of Dredged Material



**McFaddin NWR Dune Restoration** 

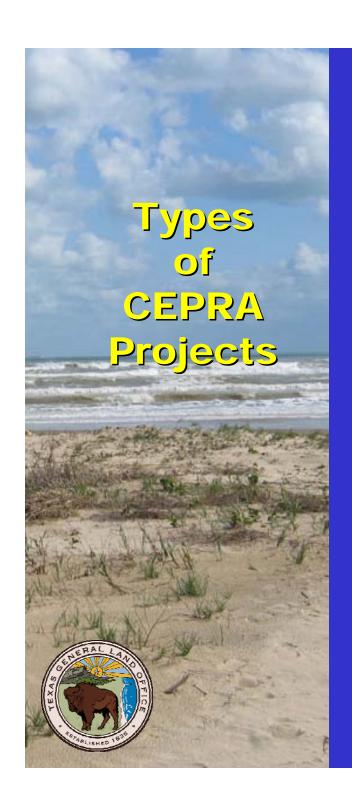


- Beach Nourishment
- Dune Restoration
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Moses Lake-Texas Coastal Prairie Preserve

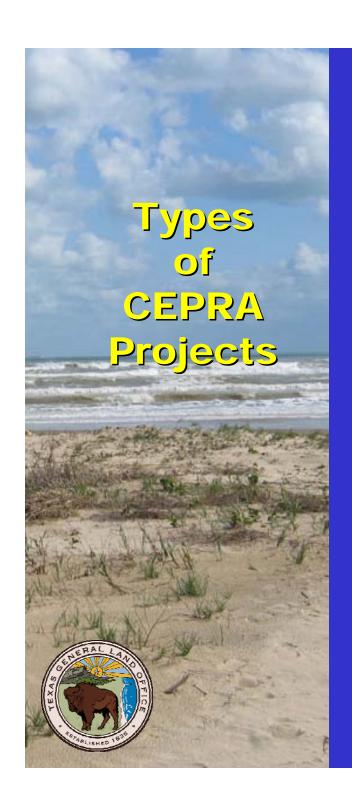


- Beach Nourishment
- Dune Restoration
- Marsh Restoration
- Shoreline Protection
- Bird Habitat Restoration
- Beneficial Use of Dredged Material

#### **Shoreline Protection**



McFaddin NWR-GIWW Shoreline



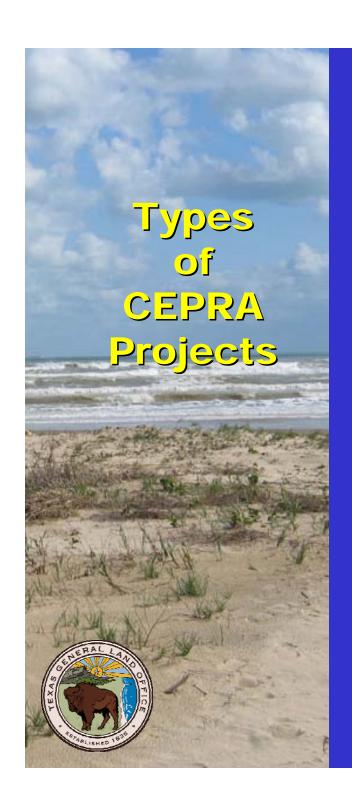
- Beach Nourishment
- Dune Restoration
- Marsh Restoration
- Shoreline Protection
- Bird Habitat Restoration
- Beneficial Use of Dredged Material





**Nueces Bay Bird Island** 



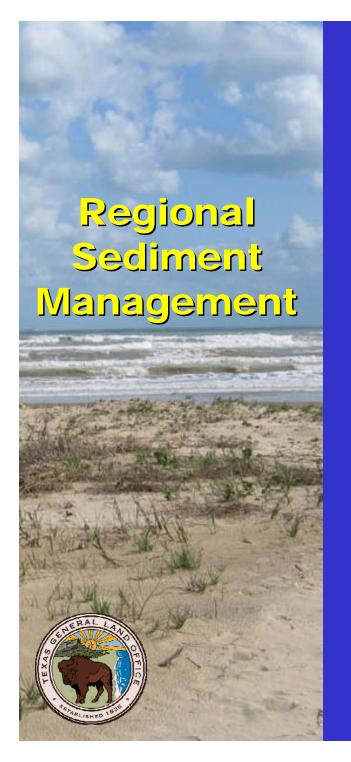


- Beach Nourishment
- Dune Restoration
- Marsh Restoration
- Shoreline Protection
- Bird Habitat Restoration
- Beneficial Use of Dredged Material

## **Beneficial Use of Dredged Material**



**South Padre Island Beach Nourishment** 



### HB 2794 77th Texas Legislature, 2001

"...beach-quality sand dredged in constructing and maintaining navigation inlets and channels of the state shall be placed on eroding beaches or to restore eroding wetlands wherever practicable."





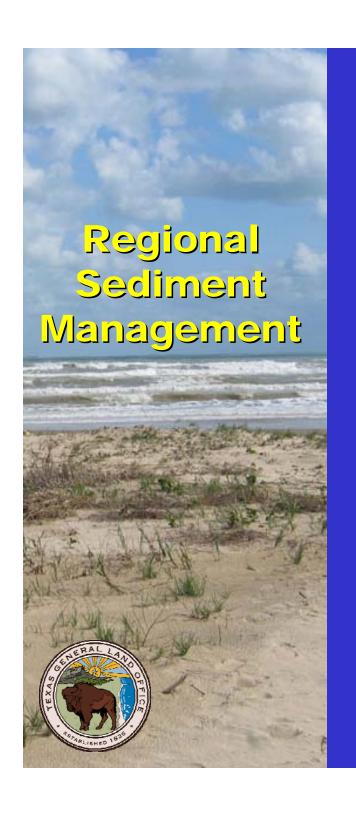


**Before** 





**After** 



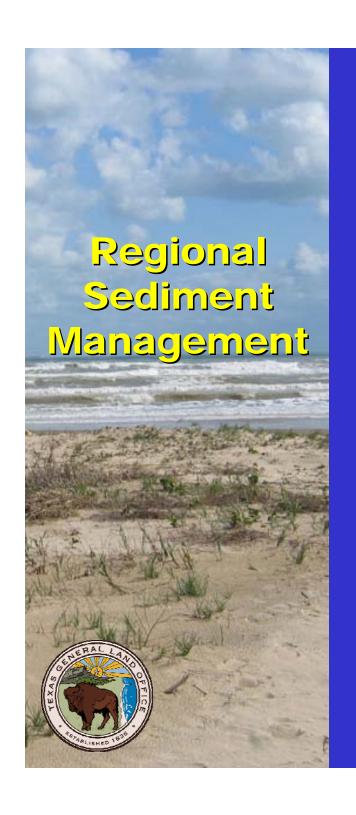
# South Padre Island Cost Analysis

- Amount of Sand Dredged: 367,000 yd<sup>3</sup>
- Total Project Costs:  $$2,278,000 = $6.20/yd^3$
- Incremental Costs:  $$580,000 = $1.58/yd^3$



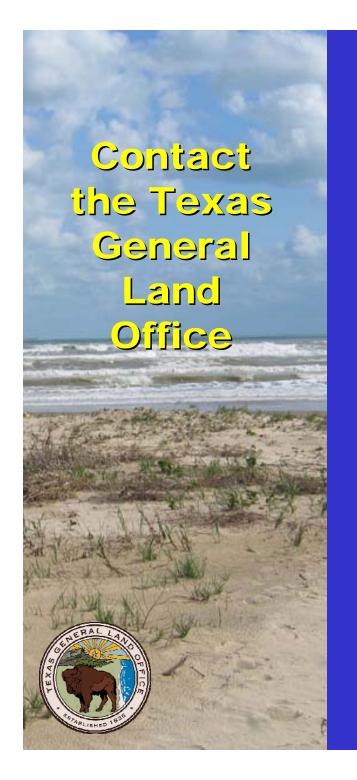






#### **CEPRA Benefits from RSM**

- Leverage Additional Funds and Resources.
- Pay Only for Incremental Costs Above Normal Dredging Costs.
- Reduce the Cost/Cubic Yard of Material.



www.glo.state.tx.us 1-800-998-4GLO

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