

Sabine-Neches Waterway Environmental Impact Study and ICT Process



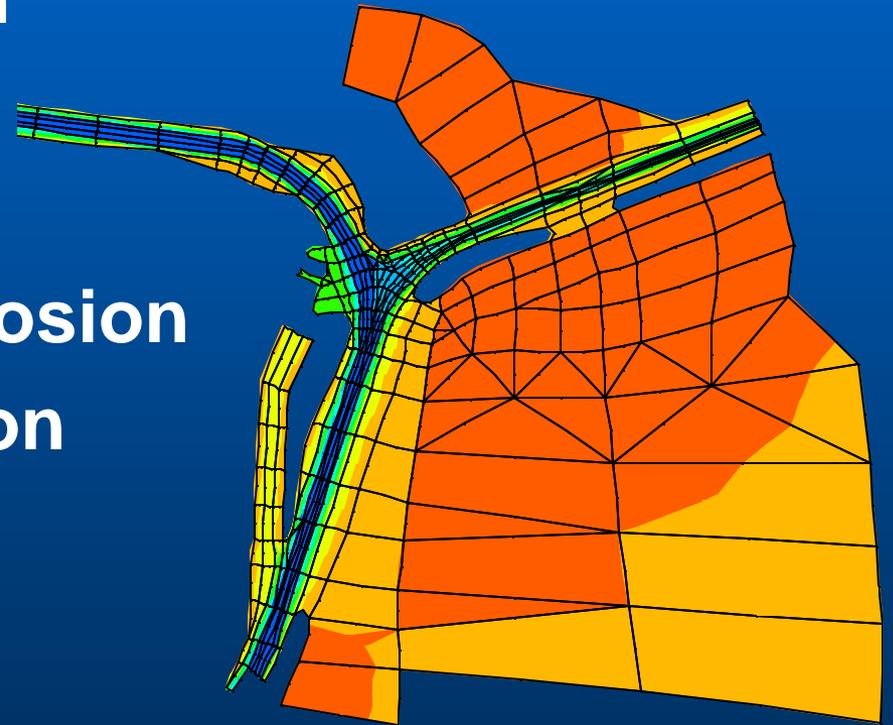
Environmental Impact Study

Evaluating potential changes in:

- Physical Processes
- Biological Resources & Habitats
- Water & Sediment Quality
- Hazardous, Toxic and Radioactive Waste
- Air Quality & Noise
- Socioeconomic Resources
- Historic Properties
- Cumulative Impacts

Physical Processes

- Salinity & Circulation
- Groundwater
- Sediment Transport
- Coastal Shoreline Erosion
- Wave-Induced Erosion

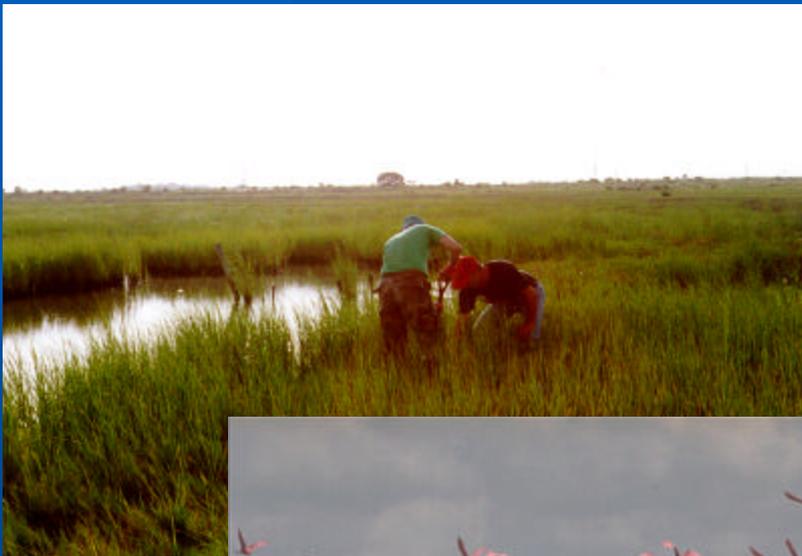


Field Data Collection

Station 16 – Willow Bayou



Biological Resources & Habitats



- Marshes & Wetlands
- Terrestrial Habitat
- Threatened & Endangered Species
- Essential Fish Habitat

Water & Sediment Quality

- Water samples tested for priority pollutants
- Maintenance and new work channel sediments tested for contaminants
- New placement areas evaluated for impacts to water & sediment quality

Hazardous, Toxic and Radioactive Wastes

- Identification of known and potential sources of contamination
- Evaluation of potential project impacts



Air Quality & Noise

- **Compilation of existing air quality & noise data**
- **Analysis of future conditions for each channel alternative**
- **Clean Air Act Conformity Analysis**

Socioeconomic Resources

- Preparation of socioeconomic profile
- Predictions of socioeconomic changes associated with alternative channel depths
- Investigation of Environmental Justice issues

Historic Properties

- Historical and archival research
- Remote-sensing underwater surveys
- Terrestrial archeological surveys



Cumulative Impacts

- **Identification of past, present and reasonably foreseeable environmental impacts in the project area**
- **Changes associated with project alternatives will be added to historical impacts and existing conditions.**

Interagency Coordination Team

- Identify environmental concerns
- Develop scopes of work
- Promote effective teamwork
- Contribute to EIS completion

ICT Members

- U.S. Fish and Wildlife Service
- National Marine Fisheries Service
- National Resource Conservation Service
- Environmental Protection Agency
- Texas General Land Office
- Texas Natural Resource Conservation Commission
- Texas Parks and Wildlife Department
- Texas Water Development Board
- Louisiana Department of Natural Resources
- Louisiana Department of Environmental Quality
- Louisiana Department of Wildlife and Fisheries
- Jefferson County Waterway & Navigation District
- Galveston District, Corps of Engineers

Mitigation Measures

- **Environmental impacts avoided & minimized**
- **Remaining unavoidable impacts quantified**
- **Mitigation plans developed by ICT**
- **Incremental analysis of mitigation alternatives**

Opportunities for Public Involvement

- Scoping meetings
- Public meeting
- Draft EIS



