

# Texas A&M University- Corpus Christi (TAMUCC)



**Chris Hale**, Program Manager, Harte Research Institute for Gulf of Mexico Studies @TAMUCC, Regional Resilience Partnership co-lead

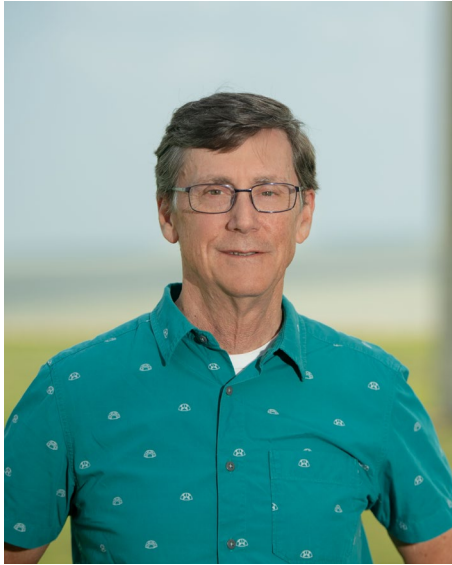
- Marine & environmental science, socio-ecological systems, science extension, community engagement
- Co-production & community engagement



**Dr. Coral Lozada**, Post Doc, Harte Research Institute for Gulf of Mexico Studies @TAMUCC

- Mixed-methods research, interdisciplinary coastal & marine sciences, outreach and community science engagement
- Conduct outreach, engage with community, develop and analyze survey

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**Dr. James C. Gibeaut**, Endowed Chair for Geospatial Sciences, Harte Research Institute for Gulf of Mexico Studies @TAMUCC

- Coastal geomorphology; improving resiliency through tracking and modeling change in coastal environments
- Assist in development of GIS for conveying potential carbon sequestration activities and effects on human and natural environments



**Dr. Richard Coffin**, Professor, Chair Physical & Environmental Sciences, College of Science, TAMUCC

- Offshore – nearshore integration of geophysics, geochemical and geology data related to oil and gas loading and CO<sub>2</sub> storage residence time.
- Light isotope geochemistry applied to tracing carbon source, fate and cycling in sediment, water, and atmosphere.

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**Dr. Diana Del Angel**, Assistant Research Scientist, Harte Research Institute for Gulf of Mexico Studies @TAMUCC

- Interdisciplinary research; applied socio-ecological systems framework and social science protocols; co-production
- Technical support on interdisciplinary issues related to carbon sequestration and community well-being; collaboration, data analysis and visualization



**Brach Lupher**, GIS Administrator, Harte Research Institute for Gulf of Mexico Studies @TAMUCC

- Geospatial data management, visualization, and web application development
- Visualization and Integration of geospatial data into GeoRED

**Regional Resilience Partnership provides strategic direction and capacity building to the Coastal Bend and partners throughout Texas.**

Partnerships & Networks for Resilience  
develop trust, shared concepts and data

Training & Data-Informed Actions  
co-develop actionable strategies for resilience

Implementation  
implement, monitor and update actions

**@CoastalBend.RRP**





# Geored.org

## GeoRED - Geospatial Resilient Economic Development

Welcome to GeoRED, a geospatial data portal designed to assist the communities of the Coastal Bend, Texas in practicing smart growth practices by providing regional hazard, modeling, and economic development data. Begin by exploring data layers available in each category below or by using the interactive map tool.

[Learn More](#)

### Hazard Impacts Story Map

GeoRED can be used by decision-makers and the public to build resilience to weather events, flooding and other disruptions.

### Social Vulnerability Story Map

Community resilience and social vulnerability are intensely local. GeoRED builds specialized local data into resilience assessments.

### Economic Development Story Map

Coastal Bend partners depend on a strong economy – learn how GeoRED can help strengthen economic resilience.

### Environmental Resilience Story Map

GeoRED can be used to identify areas of priority concern to build environmental resilience, such as those listed in the Texas Coastal Resiliency Master Plan

GeoRED Interactive Maps

### Access the GeoRED Interactive Maps here

GeoRED has data covering different areas of interest for users across the Coastal Bend. The data has been separated by type into four main data viewing tools

- Hazard Impact and Planning Tool
- Social Vulnerability Tool
- Economic Development Tool
- Environmental Resilience Tool

If you have a flooding event to report, you also can use the GeoRED Flood Event Reporting Tool

