



## What is happening in the Delta?

The area faces **significant challenges**, including a 33% poverty rate, ongoing racial and economic inequalities, and limited access to healthcare and education for residents.



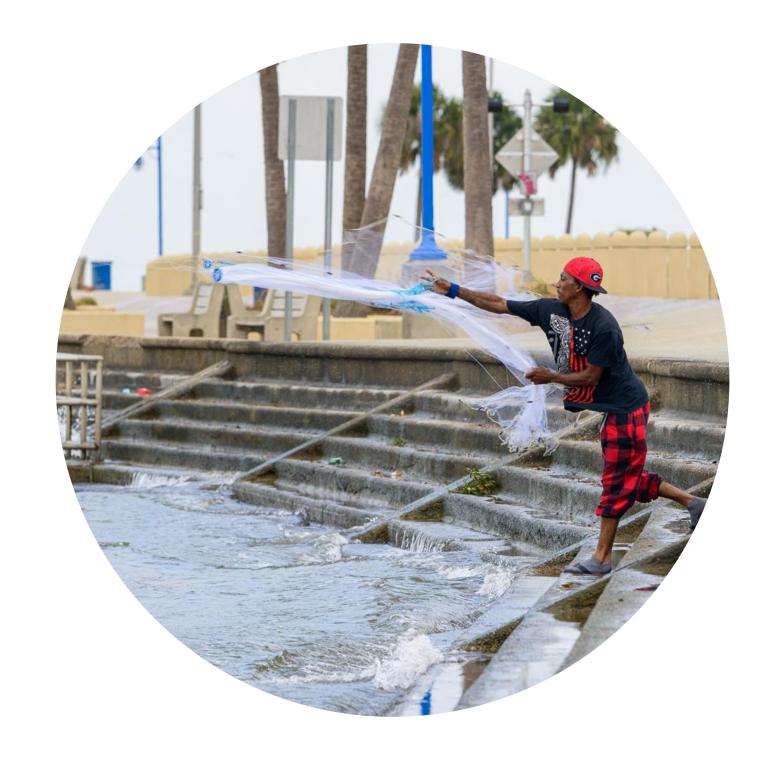






# Unemployment and population shifts

Significant changes to traditional industries such as farming, manufacturing, and fishing, have led to unemployment and population shifts challenging communities across the region











# The "Cancer Alley"

Economic and environmental concerns related to the proliferation of petrochemical plants along the river, often referred to as "Cancer Alley", are significant. These facilities release toxic chemicals into the environment posing significant health risks to nearby communities, which are often lowincome and predominantly African American.







### The effect of climate change on the

This is in additated other critical environmental concerns such as rapid wetland loss, significant coastal erosion and habitat change, and water quality issues.

Climate change **amplifies** these challenges by increasing the frequency and magnitude of extreme weather events including hurricanes and, in recent years, droughts and wildfires.













#### How can Nature-based solutions contribute?

Nature-based solutions can play a crucial role in addressing these challenges, particularly when implemented as part of a comprehensive regional strategy.

By harnessing the power of natural processes, these solutions can help restore wetlands and coastal habitats, reduce land loss and enhance flood risk reduction efforts. These approaches also contribute to climate resilience by absorbing storm surges and sequestering carbon.







#### What to strive for?

With petrochemical and other industries likely to remain a significant presence in the region, nature-based solutions can be designed to work alongside and mitigate the impacts of these industries and contribute to improved quality of life for delta residents.

A regional approach can create **new economic opportunities and green jobs**, potentially

diversifying the local economy and reducing

dependence on polluting industries.







