



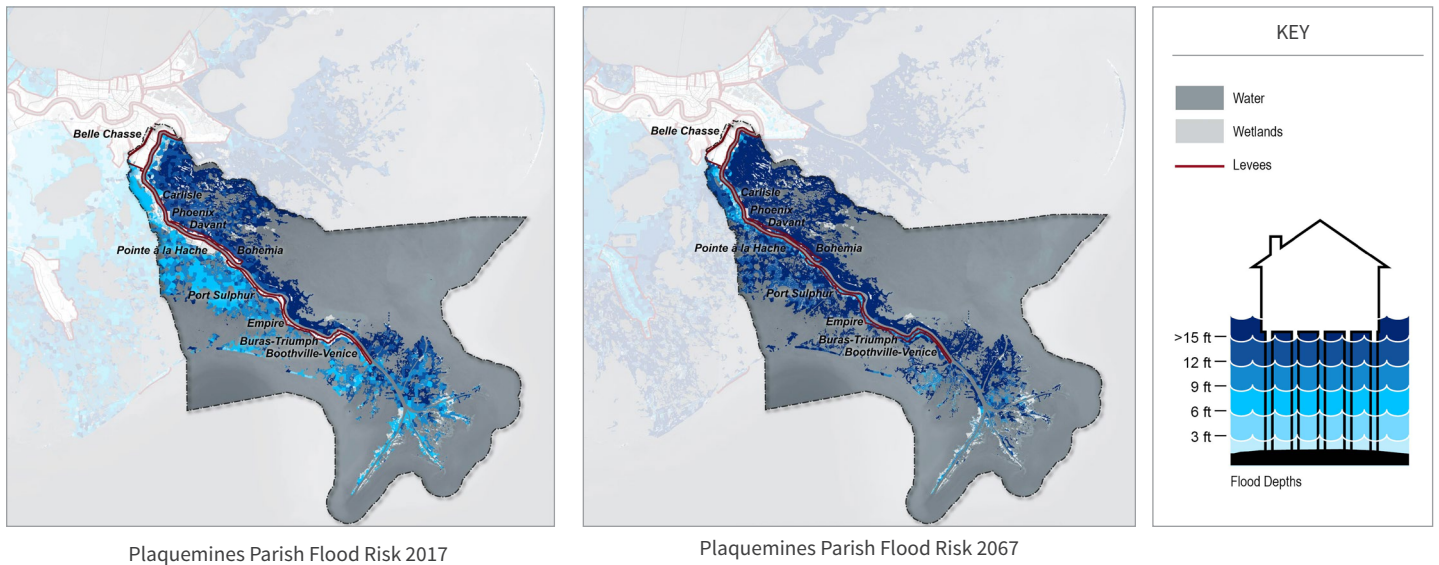
Risk Reduction Student Sheet

Lesson 6 > Part 3 > Reducing the Risks

Use the information below and the flood risk maps to determine risk factors for each parish. Refer to the CPRA Coastal Master Plan Project Categories (page 8) to determine what kind of projects would benefit each parish.

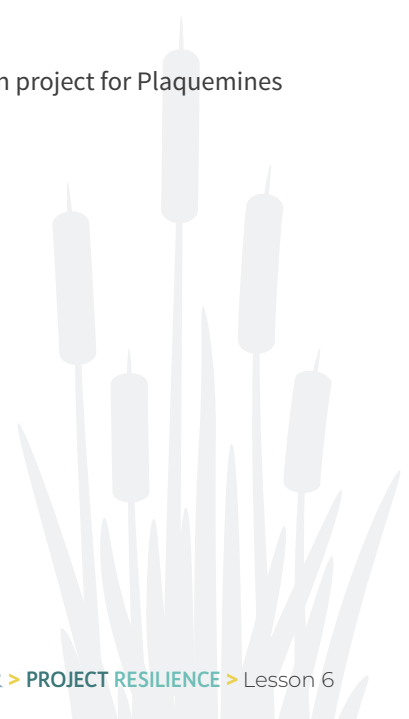
Scenario 1: Plaquemines Parish (LA SAFE Parish Description)

As Louisiana’s southernmost extending parish, Plaquemines Parish is unique in its geographic proximity to the Gulf of Mexico and its division by the Mississippi River. This location gives Plaquemines economic advantages, provides for beautiful natural surroundings, and allows for many recreational opportunities. The parish serves as an operational center for the offshore oil and gas industry and is an active hub for the commercial seafood industry. Due to its warm climate, Plaquemines is the top citrus-producing parish in Louisiana. Its location, however, also leaves Plaquemines and its residents open to many hazards that threaten the future vitality of the community, including land loss and flood risk. Nearly all of Plaquemines is vulnerable to some type of frequent flooding: stormwater, river flooding, storm surge, and/or backwater flooding.



Question 1: Identify at least four factors officials should consider when designing a risk reduction project for Plaquemines Parish.

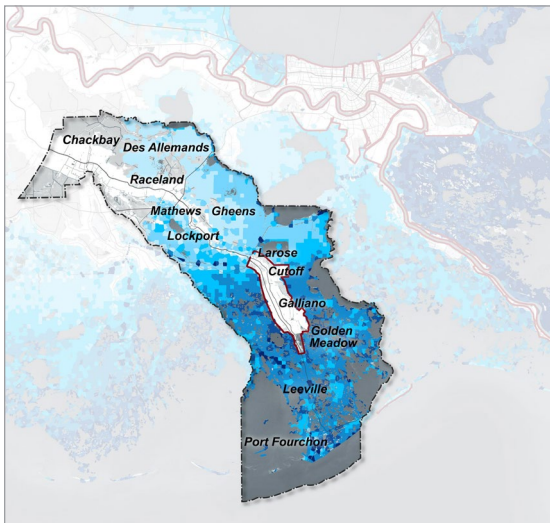
Question 2: What type of Risk Reduction Project would you recommend for this area?



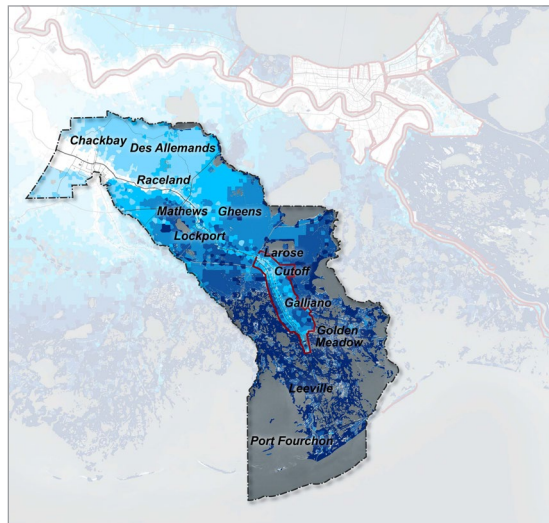


Scenario 2: Lafourche Parish (LA SAFE Parish Description)

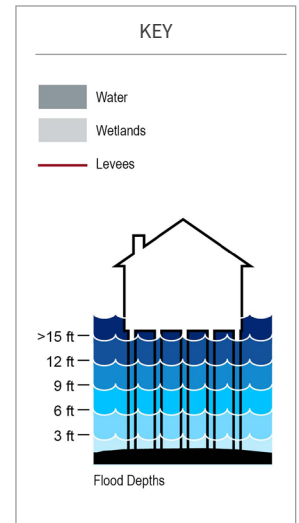
Lafourche Parish is one of Louisiana’s most diverse parishes both in terms of geography and population, with two-thirds of its area being on land and one-third water; it’s also influenced by a rich Native American history. That geographic diversity includes marshes, sandy ridges, bodies of water, and natural levees that help give Louisiana its nickname, “Sportsman’s Paradise.” Lafourche Parish includes a natural habitat for a range of wildlife, including alligators, deer, fish, nutria, and shellfish. Its economy is equally diverse, driven both by its agricultural industry (providing everything from sugar, citrus, beef, livestock, and seafood) and its fuel industry — with the help of Port Fourchon, which services 90 percent of all deepwater oil production in the Gulf of Mexico.



Lafourche Parish Flood Risk 2017

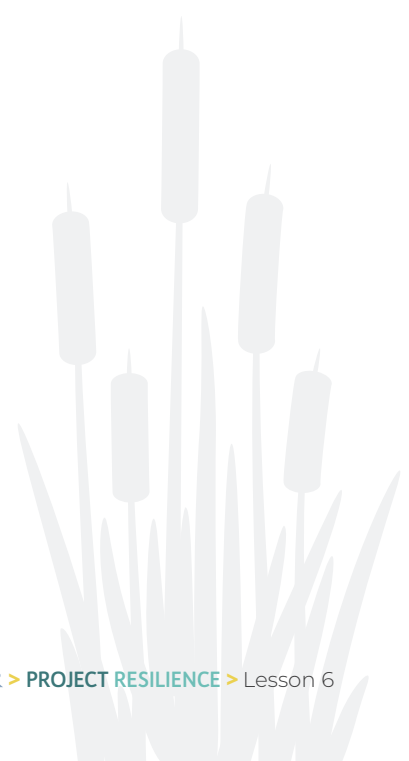


Lafourche Parish Flood Risk 2067



Question 1: Identify at least four factors officials should consider when designing a risk reduction project for Lafourche Parish.

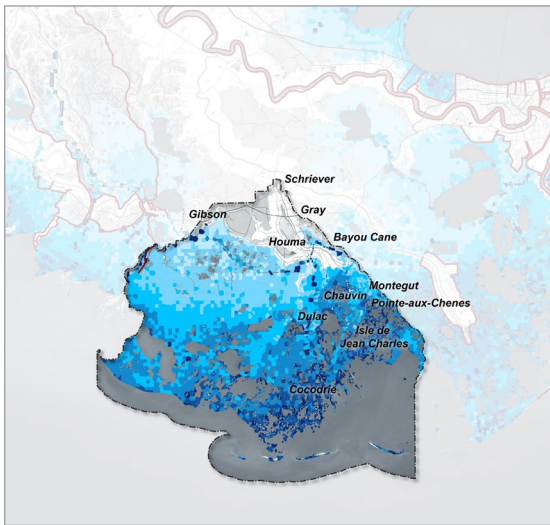
Question 2: What type of Risk Reduction Project would you recommend for this area?



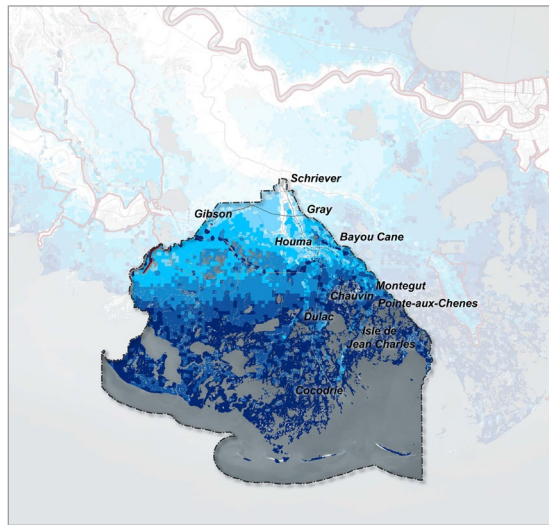


Scenario 3: Terrebonne Parish (LA SAFE Parish Description)

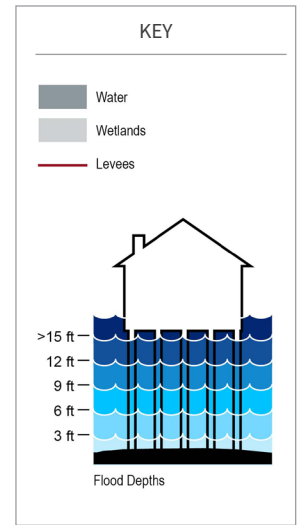
Terrebonne Parish has been shaped by rivers, bayous and the gulf, the cultures of Native Americans and other early settlers, and an economy largely based on the area’s natural resources. Over 85 percent of the parish is water and wetlands, with freshwater marsh in the northern areas, brackish marshes further south, and saltwater marshes near the coast. The extensive bayous, wetlands, and marshes of Terrebonne provide recreational, agriculture, aquaculture, and economic opportunities. In Terrebonne Parish, the natural environment has shaped where residents live and where major businesses and industries have located. This will continue to be the case in the future, as the parish’s landscape shifts to more open water, less land, and increased impacts from future storm surge with the disappearance of the wetland buffer.



Terrebonne Parish Flood Risk 2017



Terrebonne Parish Flood Risk 2067



Question 1: Identify at least four factors officials should consider when designing a risk reduction project for Terrebonne Parish.

Question 2: What type of Risk Reduction Project would you recommend for this area?

