

Louisiana loses the equivalent of a football field of coastal wetlands every hour.

 **168** FOOTBALL FIELDS PER WEEK

THIS MEANS...

 **2 MILLION LOUISIANA RESIDENTS** LIVING WITHIN 50 MILES OF THE COAST **ARE EXPOSED TO STORMS AND FLOODING**

 THE COST OF STORM AND FLOOD DAMAGE IN LOUISIANA IS PREDICTED TO **INCREASE TO \$138 BILLION**

AND LOSS OF:

 LOUISIANA'S **FISHERIES, WATERFOWL, AND WILDLIFE**

 **50,000** COMMERCIAL AND RECREATIONAL **FISHING JOBS**

 MORE THAN **\$36 BILLION** OF PUBLIC **LAND**

LSU research works to save the coast.

We create solutions for the complex problems facing our wetlands.

- LSU researchers study where Mississippi River mud moves to **speed up land growth and slow down erosion**. LSU research **informs coastal planners** on current and future erosion, sediment deposits, and plant growth to mitigate land loss.
- LSU is home to **more than 200 faculty members** dedicated to coastal research: the **largest group of experts** focused on coastal and environmental science in Louisiana.
- LSU is a **national sea-grant** university.
- LSU economists found in a recent study that land loss poses a direct risk to as much as **\$3.6 billion in assets that support \$7.6 billion in economic activity** each year.

We educate and empower the next generation before it's too late.

- LSU researchers track real-time subsidence data from 120 GPS antennas from Texas to Florida. **Coastal planners, surveyors, engineers, and farmers have relied on LSU's timely reporting** for more than a decade.
- **High school youth across the state participate in the Marsh Maneuvers** coastal summer camp, an LSU AgCenter 4-H and Louisiana Sea Grant program, every year where they help revegetate a marsh and learn how the wetlands affect them.
- Through the LSU Coastal Roots program, more than **23,000 youth have planted 168,567 seedlings and grass plugs on 430 coastal restoration trips**.

 **90%** of Louisianans believe **LSU's COASTAL RESEARCH** and involvement is **VITAL TO THE STATE**.

LSU holds more than \$65 million in coastal research grants.

Visit www.lsu.edu for more information.