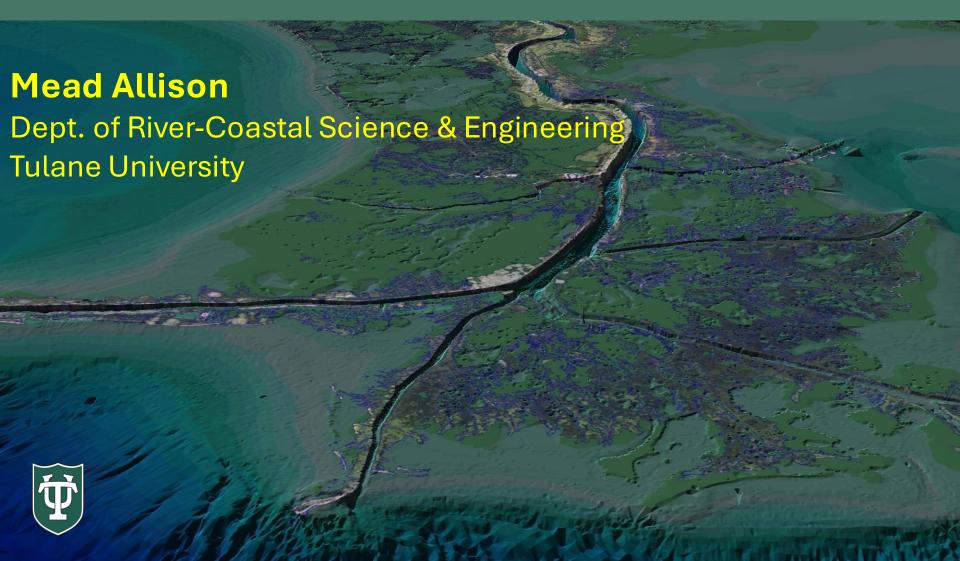
The Future of the Birdsfoot Delta Region: Overview of the Mississippi River Delta Transition Initiative (MissDelta)



https://www.missdelta.org/



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What is MissDelta?

Answering the 21st Century Inundation Challenge in South Louisiana





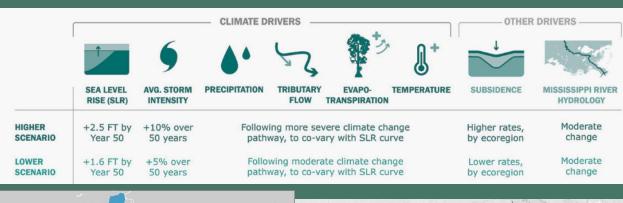
Sciences Engineering Medicine



Gulf Research Program Awards \$22 Million to Launch New 'Mississippi River Delta Transition Initiative' Consortium

News Release | November 1, 2023

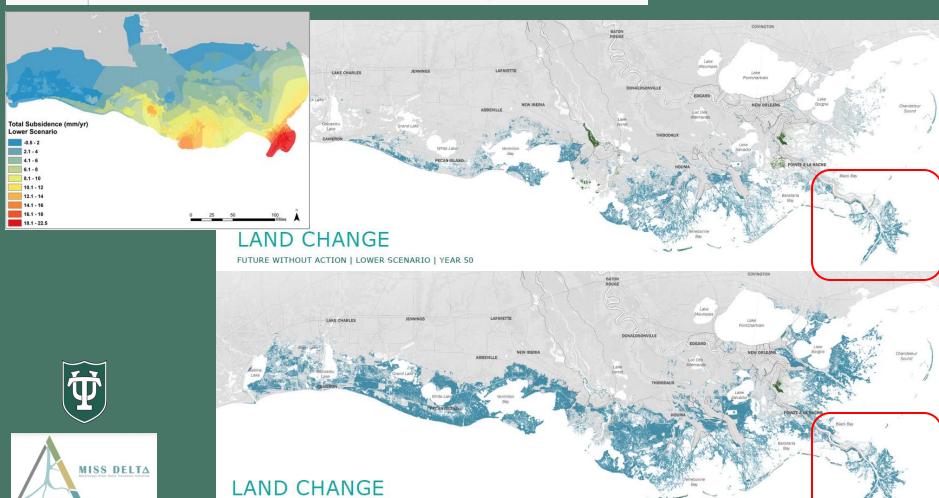
WASHINGTON — The Gulf Research Program (GRP) of the National Academies of Sciences, Engineering, and Medicine has awarded \$22 million to fund a transformative new research consortium focused on advancing understanding of the future sustainability of the lowermost Mississippi River Delta, known as the Bird's Foot Delta. Over five years, the Mississippi River Delta Transition Initiative (MissDelta), led by a partnership between Louisiana State University and Tulane University, will work to transform understanding of the delta's future through the end of the century and advance research and practical ways to combat land and ecological losses.



FUTURE WITHOUT ACTION | HIGHER SCENARIO | YEAR 50

2023 Louisiana Coastal Master Plan

PRESENT THINKING







The Mississippi Birdsfoot Delta is the most threatened coastal region in the Gulf of Mexico, and it is among the most at-risk regions globally

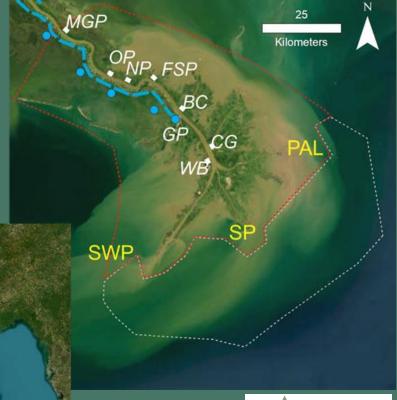
- Deep Draft Mississippi River Nav Channel Supports Nation's Largest Port System
- Commercial/Recreational Fisheries Closely Linked to Mississippi River Inputs
- Major Infrastructural Support for Hydrocarbon Extraction and Future Green Energy Initiatives Offshore
- Storm Buffer for Inland Communities Including Metro New Orleans
- Distinct Ecosystems Even within the Mississippi Delta

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Baton Rouge New Orleans

What is the MissDelta area of interest?







MissDelta's Team



MissDelta's Four Objectives

Future Projections to 2100: New Generation Predictive Models and Strategic Observational Studies to Address Knowledge Gaps (Basin, Delta, Gulf)

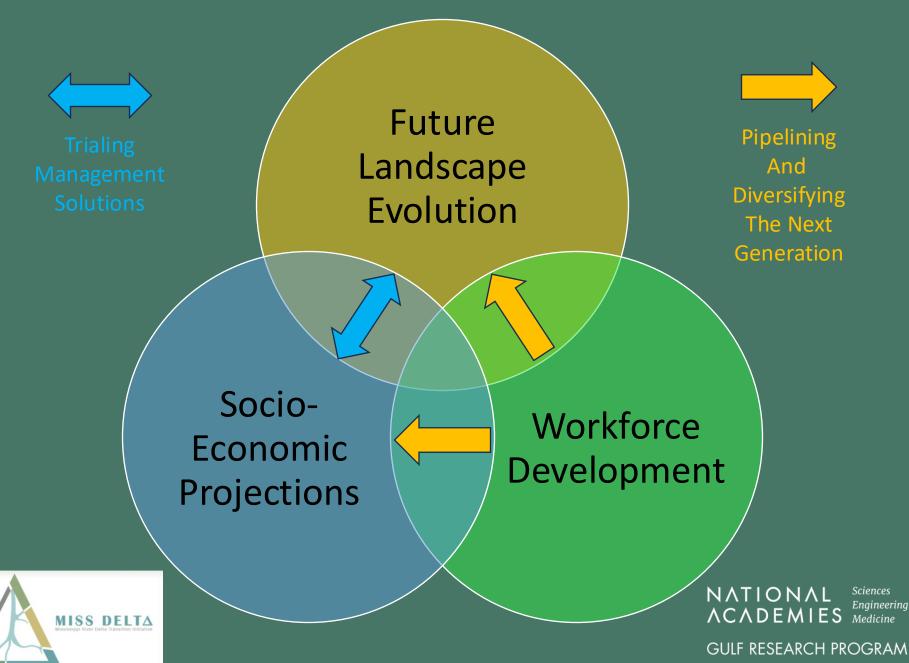
Screen Management Alternatives: What can we do to forestall negatives?

Socio-Economic Impact: State-of-the-art projections

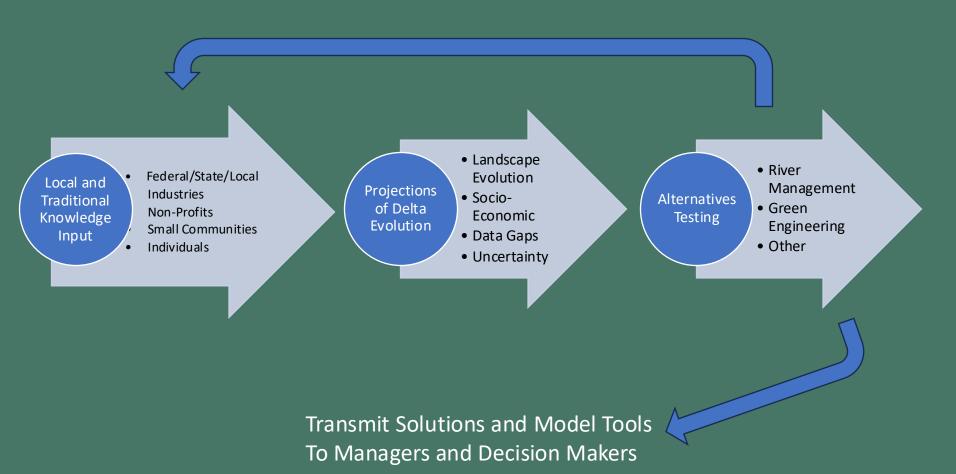
Workforce Development: Creating the next generation of regional problem solvers whose demographics reflect those of the people of the Gulf Coast.



The Mississippi River Delta Transition Initiative (MissDelta)



The Mississippi River Delta Transition Initiative (MissDelta) Co-Production Strategy





To Follow MissDelta's Progress:
Missdelta.org
State of the Coast (May 20-22, 2025)





THANK YOU!



