Emerging Galveston

The city is experiencing sea-level rise, and it is crucial to start thinking of both to create the mandatory infrastructure to address the rising sea levels. This can be achieved through modular design and floating infrastructure. The design proposal for Galveston encompasses the following phases:

Phase 1: Introduction

Near Moody Gardens Water level: 0 feet

- Cladding
- Connection
- Floating

Recycled Plastic

Triangle module shown (used in Phase 1)

Hexagonal configuration

Phase 2: Adopt South Galveston Residential

Water level: 2.5 feet

- Flooded
- Module Interventions

Phase 3: Future Downtown Galveston on Water level: 6.5 feet

- New sidewalks
- New stream
- New park

Incorporating floating modules into the city's infrastructure can help adapt to sea-level rise, ensuring the city's resilience.