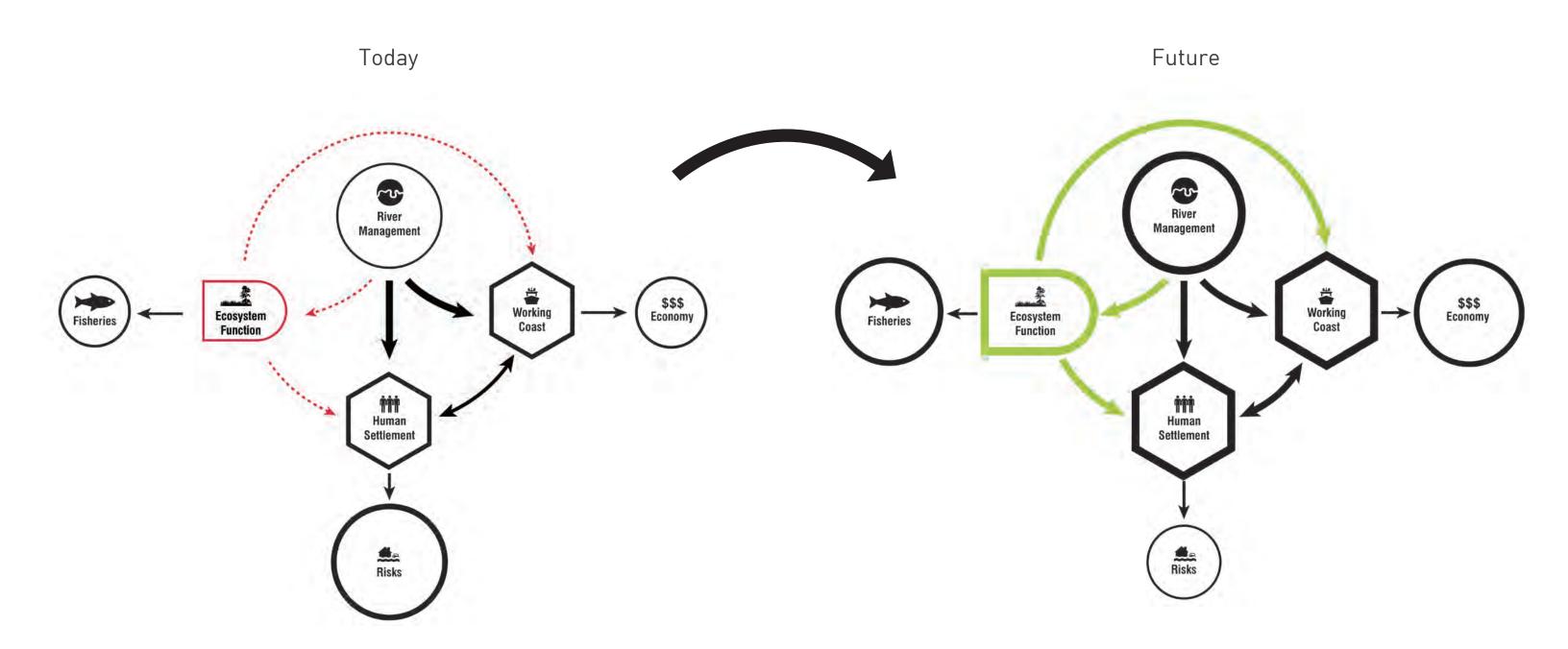


The dynamic deltaic coast is Louisiana's greatest opportunity.

While other cities, economies, and communities around the globe lie exposed to rising seas on fixed coastal edges, Louisiana will leverage the Mississippi River to build and maintain a robust wetland zone. Using the power of the Mississippi River, Louisiana's ecosystem, economy, communities, and culture will adapt to increasing uncertainty.



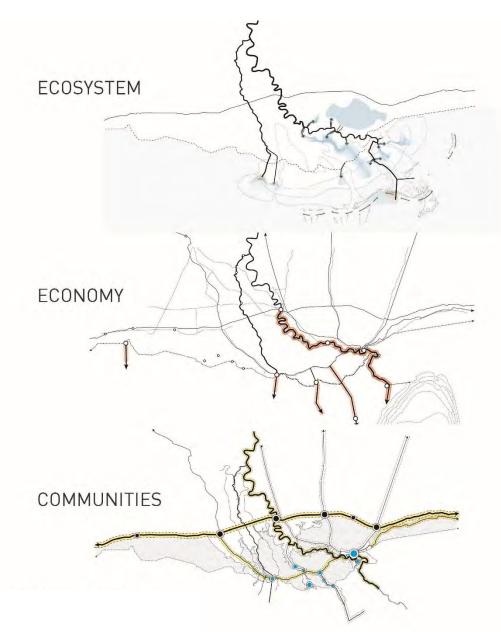
systems approach



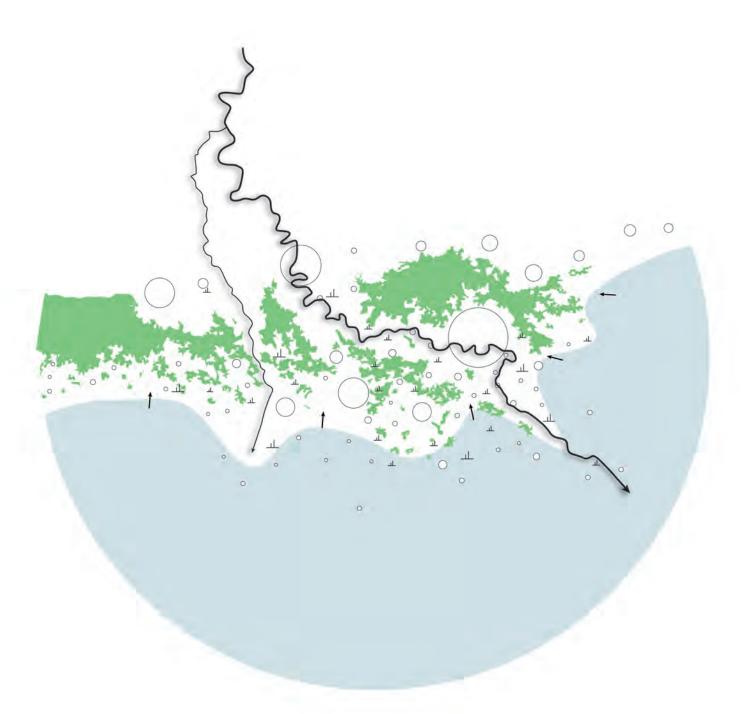




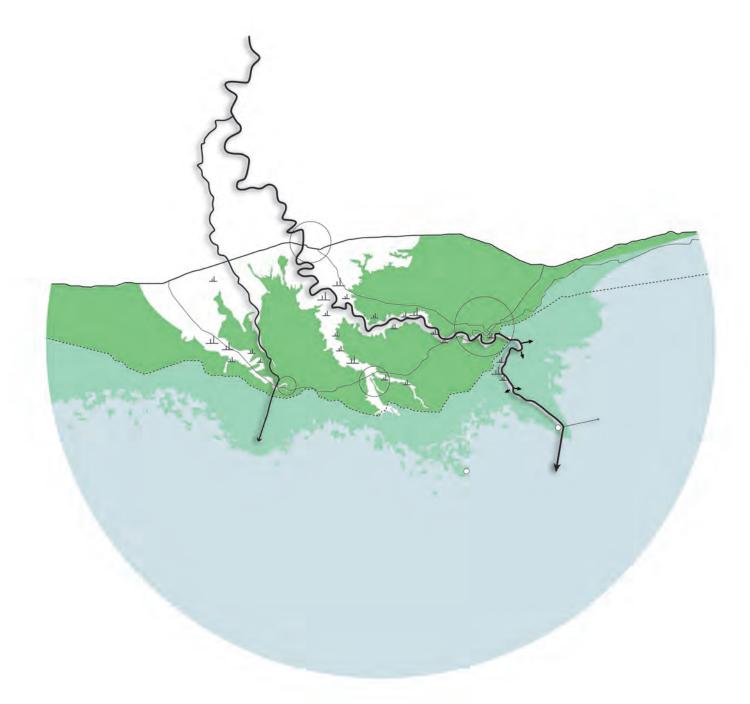




Achieving the Multi-Purpose Functions of the Giving Delta

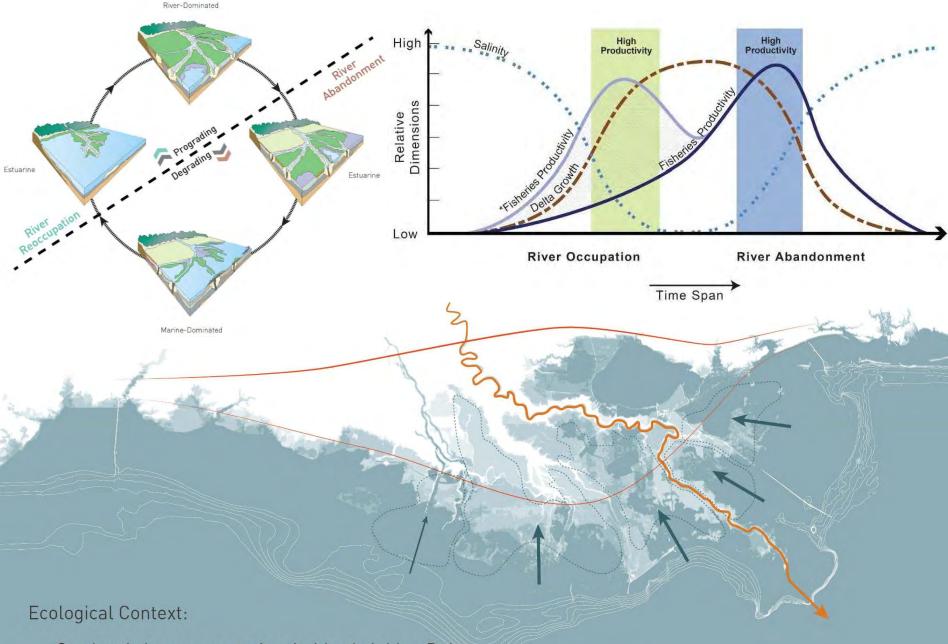


2015: Dispersed, Fragmented, Uncertain

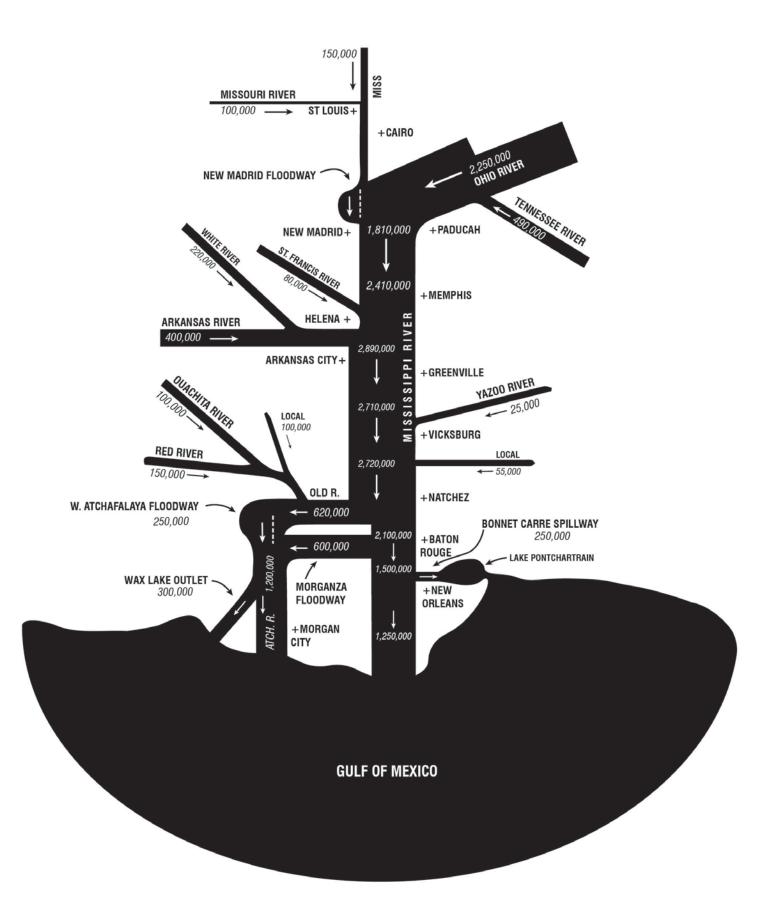


Future: Integrated, Focused, Defined

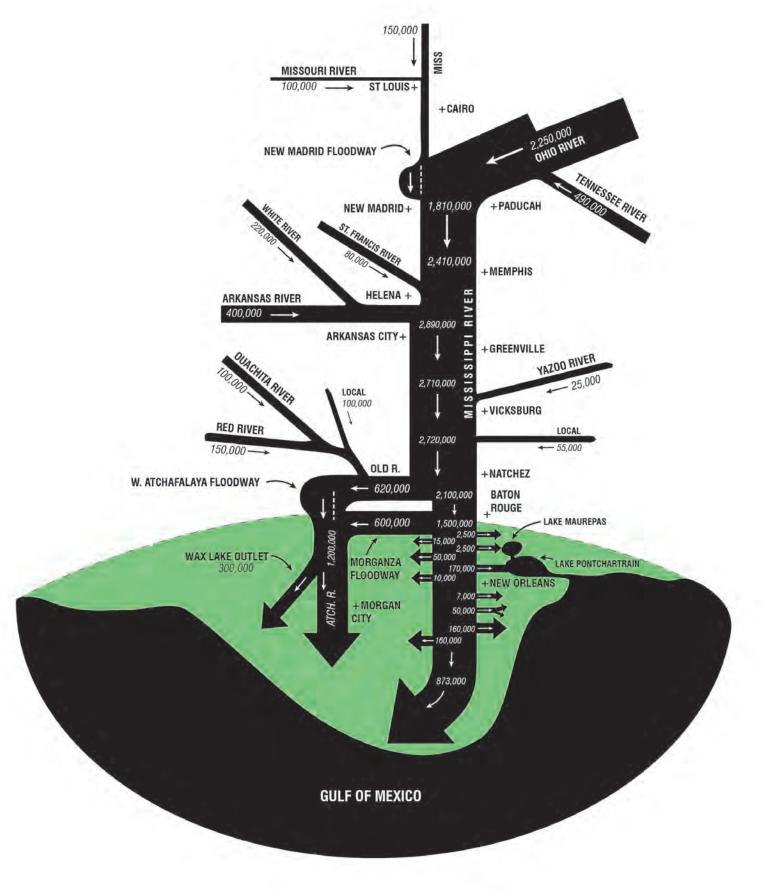




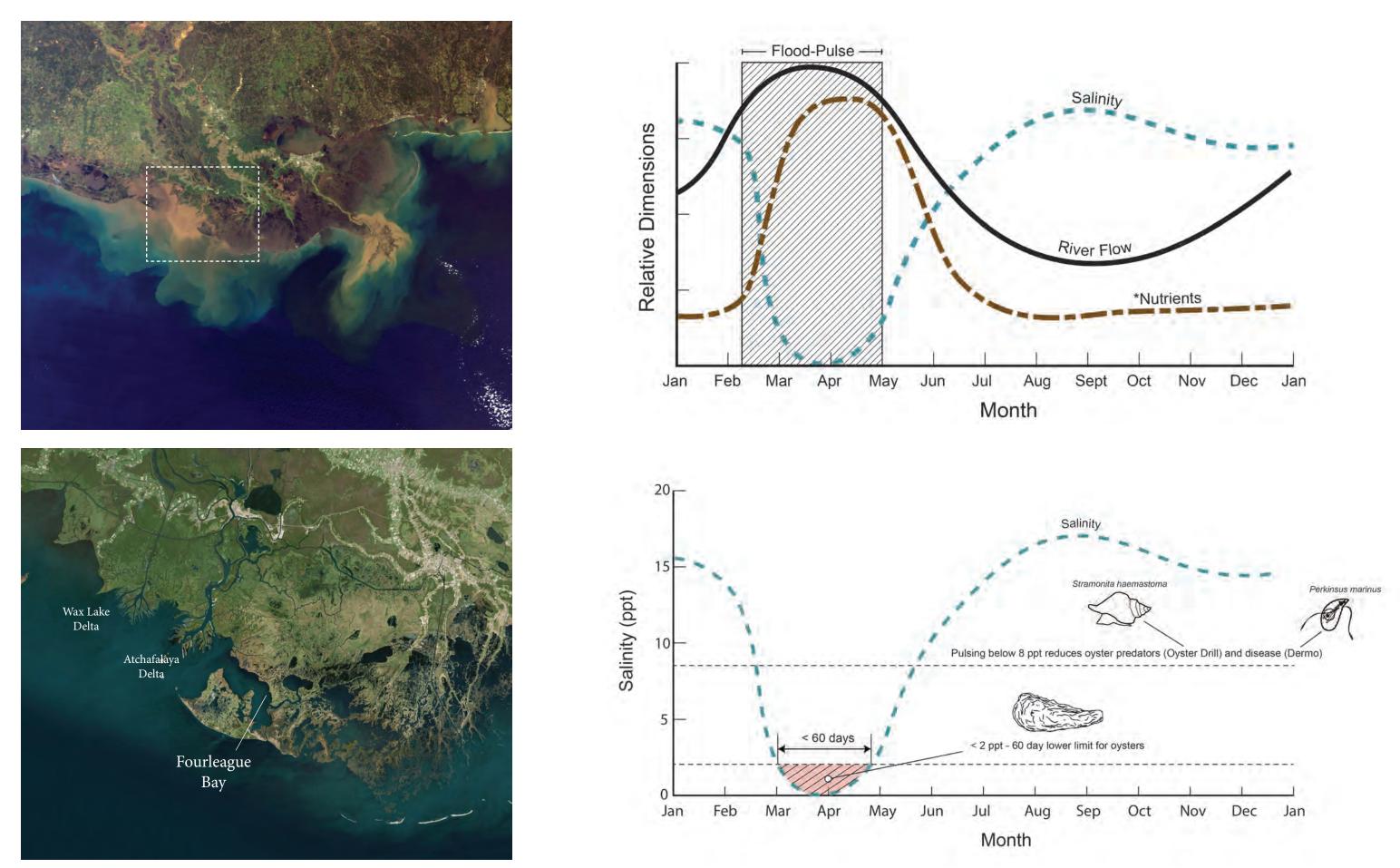
- Sea level rise means an inevitably shrinking Delta
 Five distinct basins are in various stages of transgression or progression



Army Corps of Engineers 1958 Project Design Flood



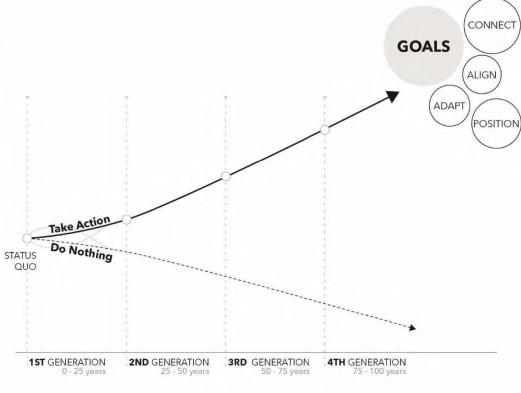
The Giving Delta Framework



Functional flood-pulse ecosystem of Atchafalaya River basin

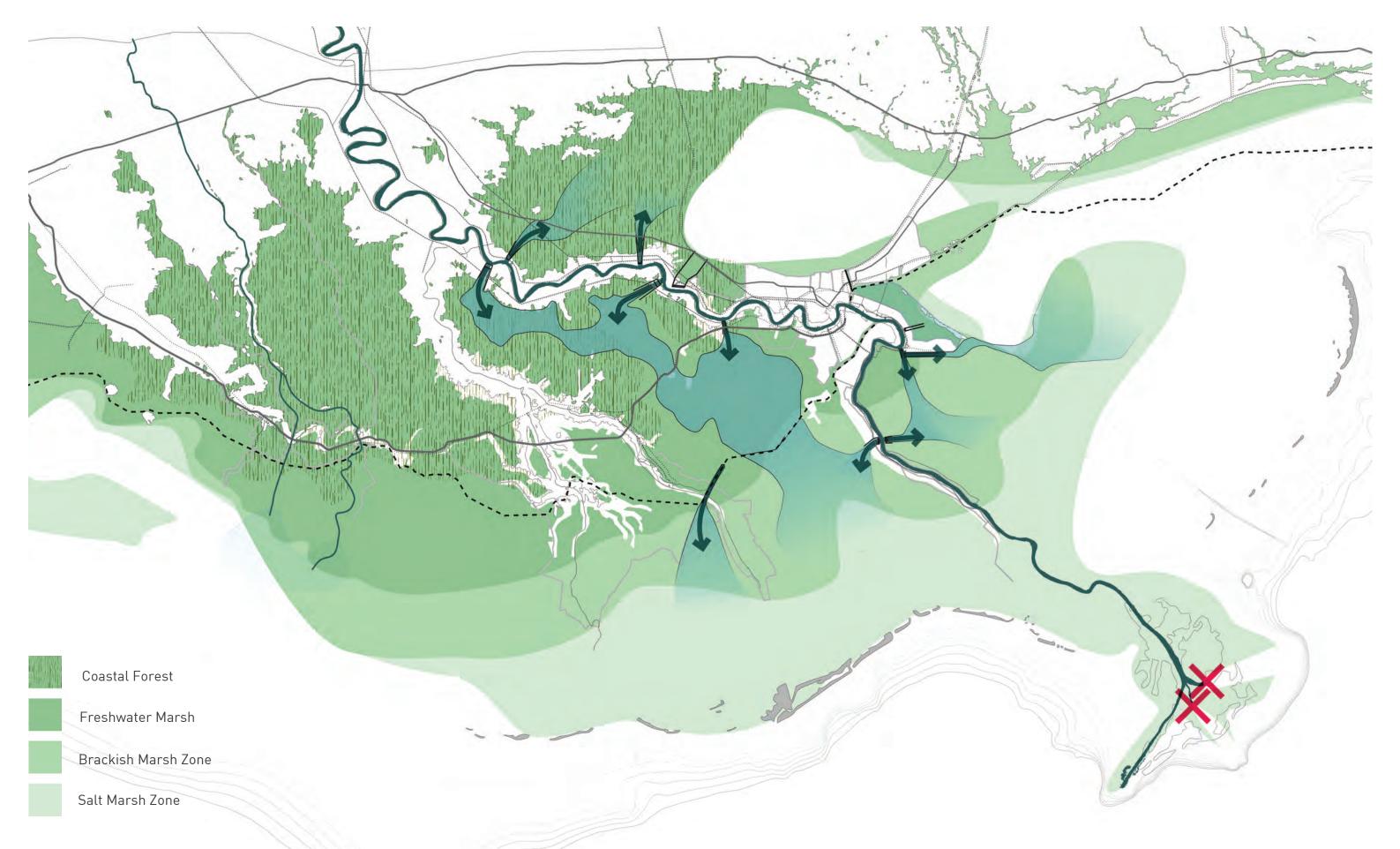
100 year, 4 Generation Timeframe



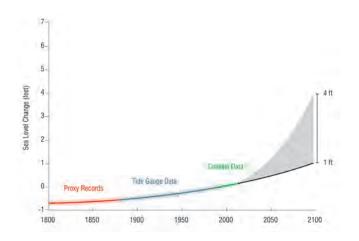


Four Generations

- Individuals do not think in 100-year increments
- Develop an actionable strategy from small business to global commerce

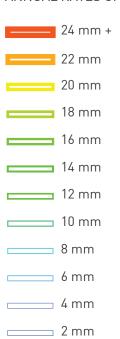


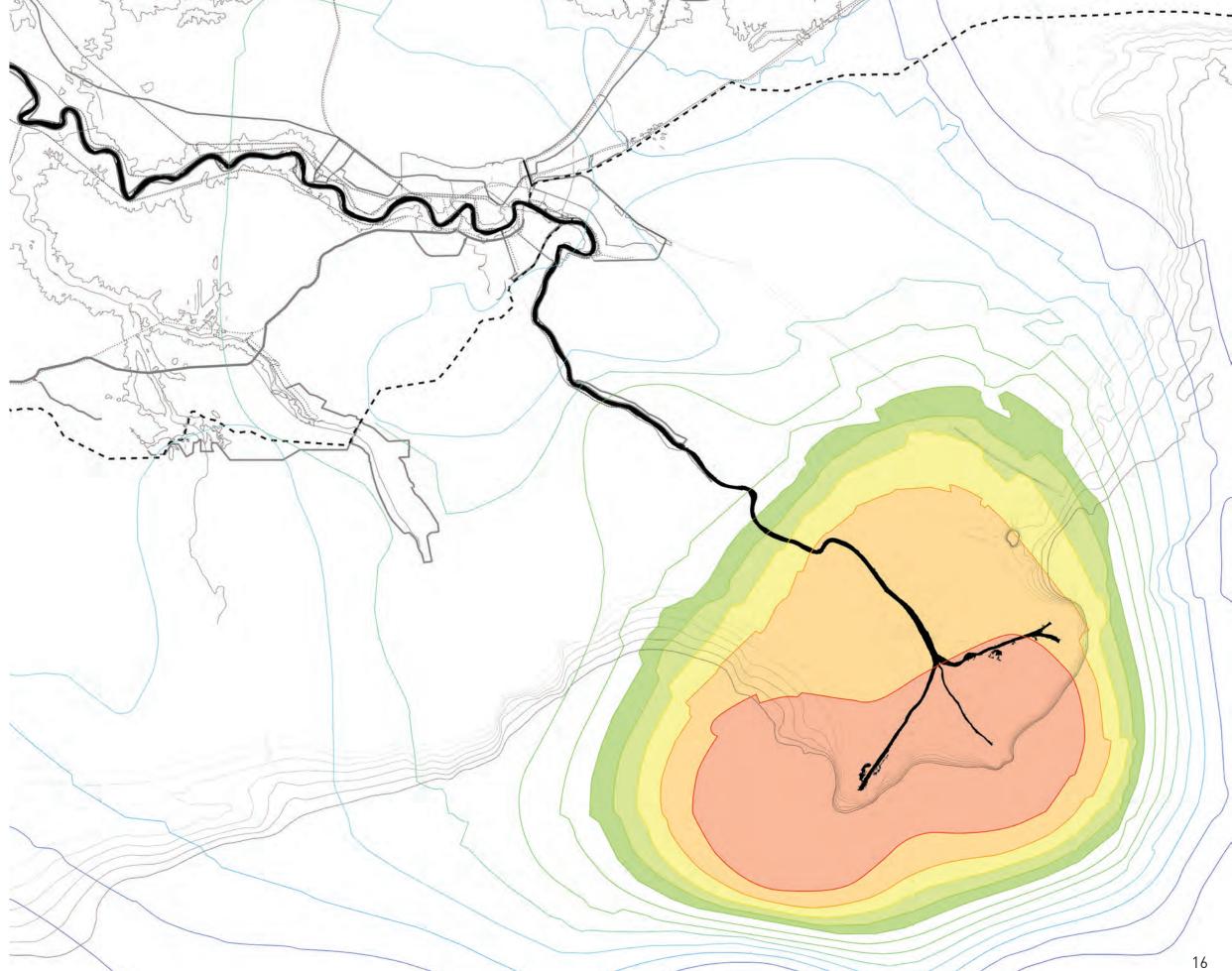
1st Generation - Connect: From Flood Control to Controlled Flood-Pulses

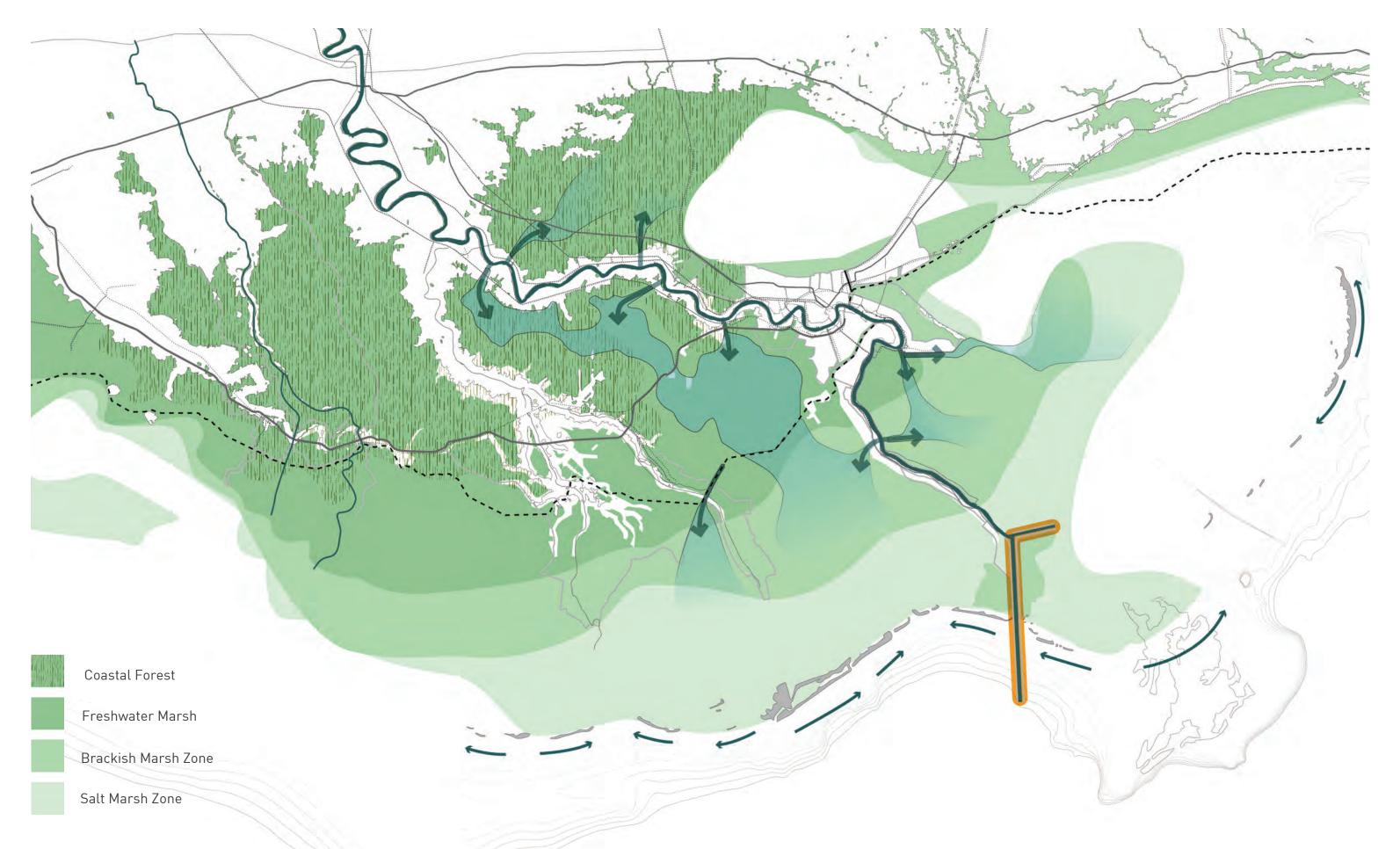


Past and Projected Changes in Global Sea Level

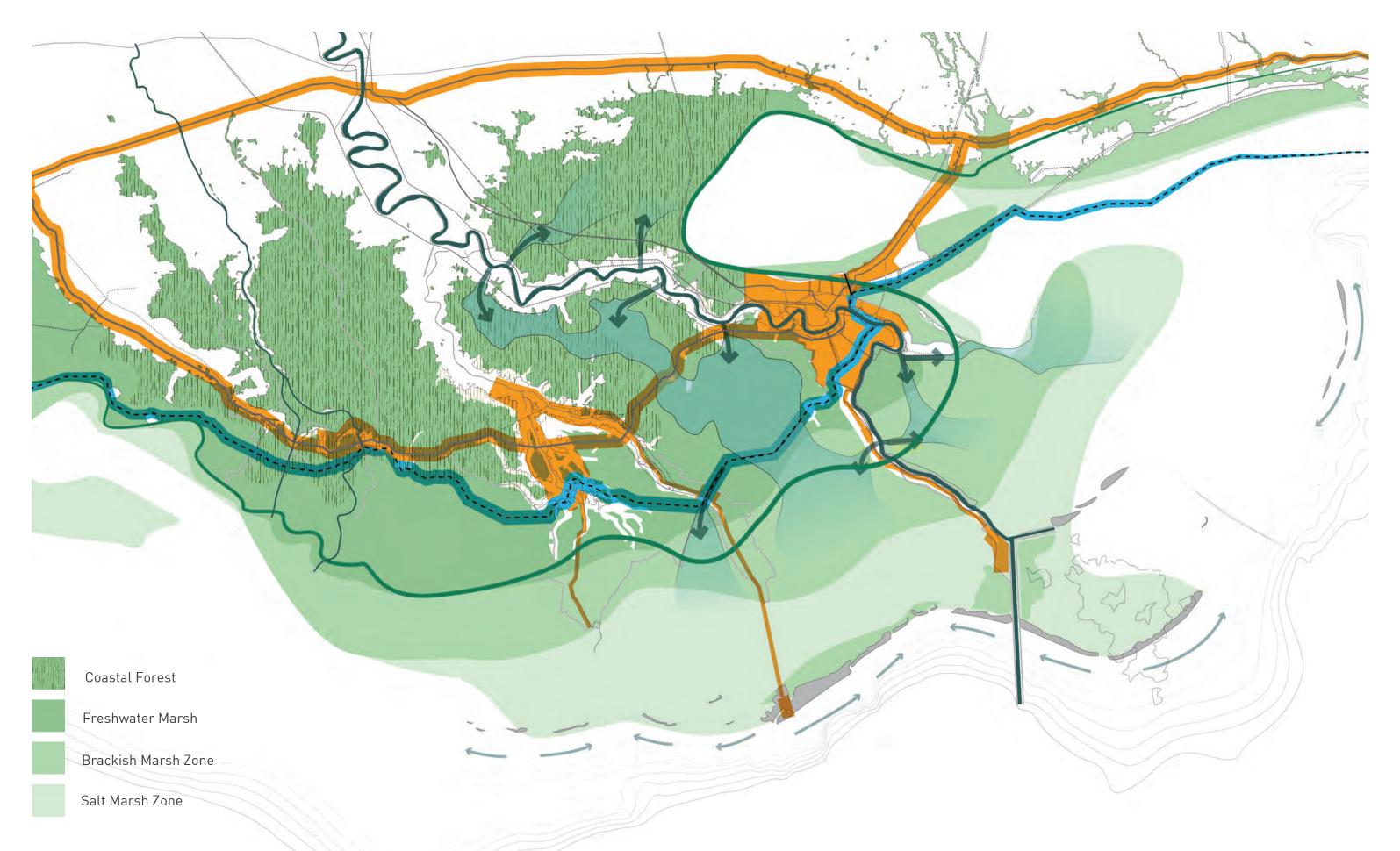
ANNUAL RATES OF SUBSIDENCE



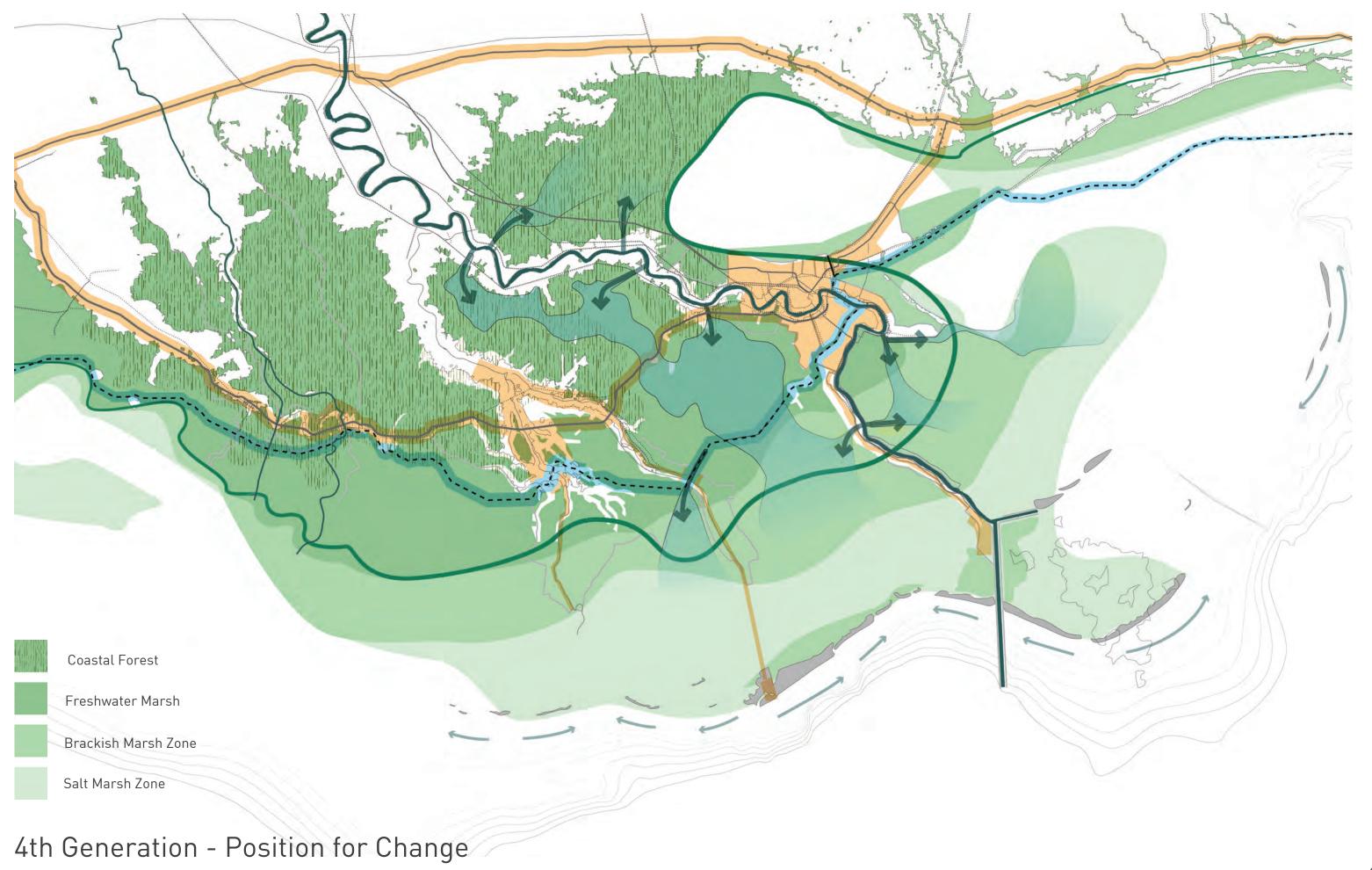




2nd Generation - Align: Transform the Lower River



3rd Generation - Adapt: Consolidation and Economic Dividends

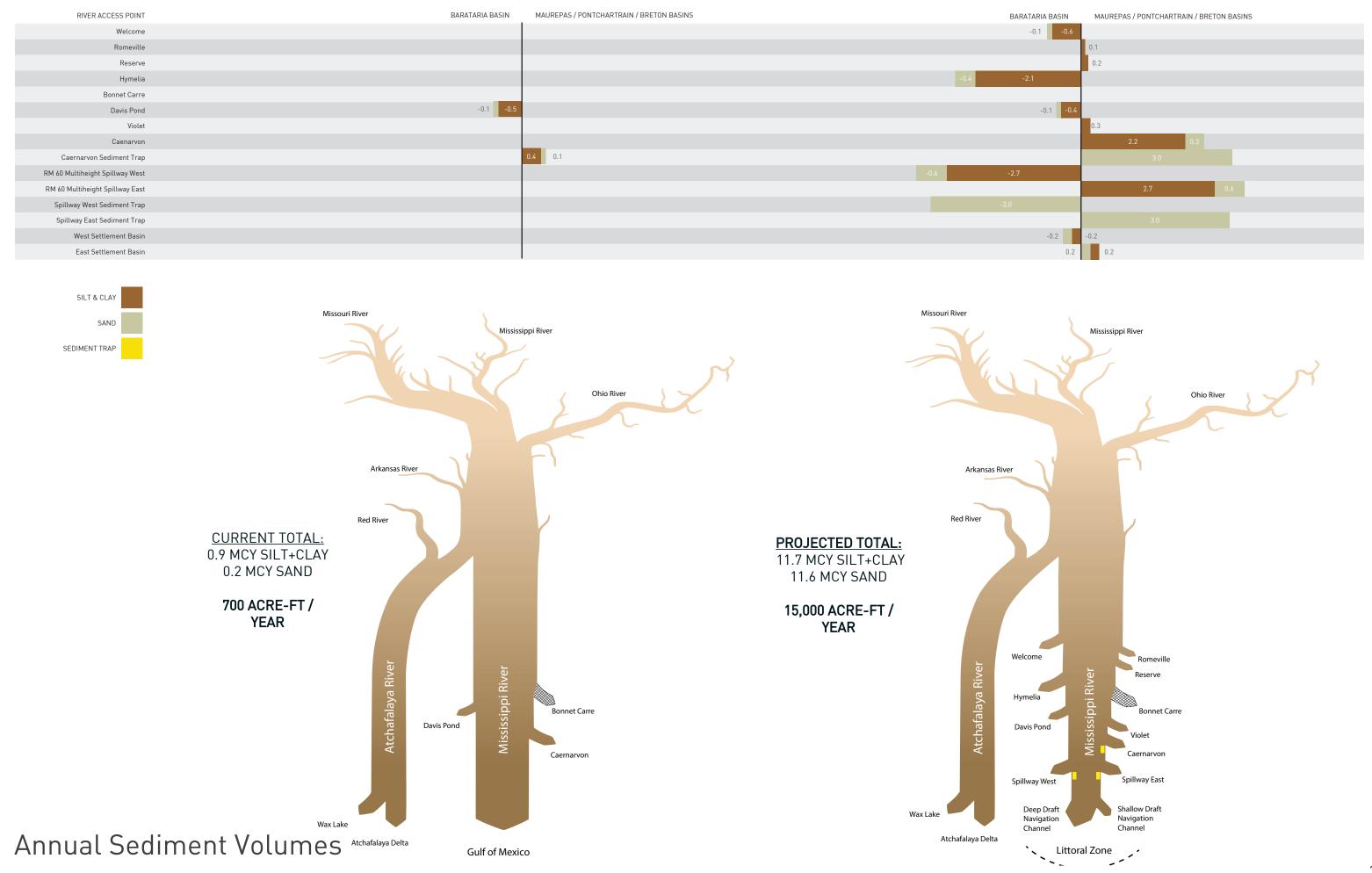


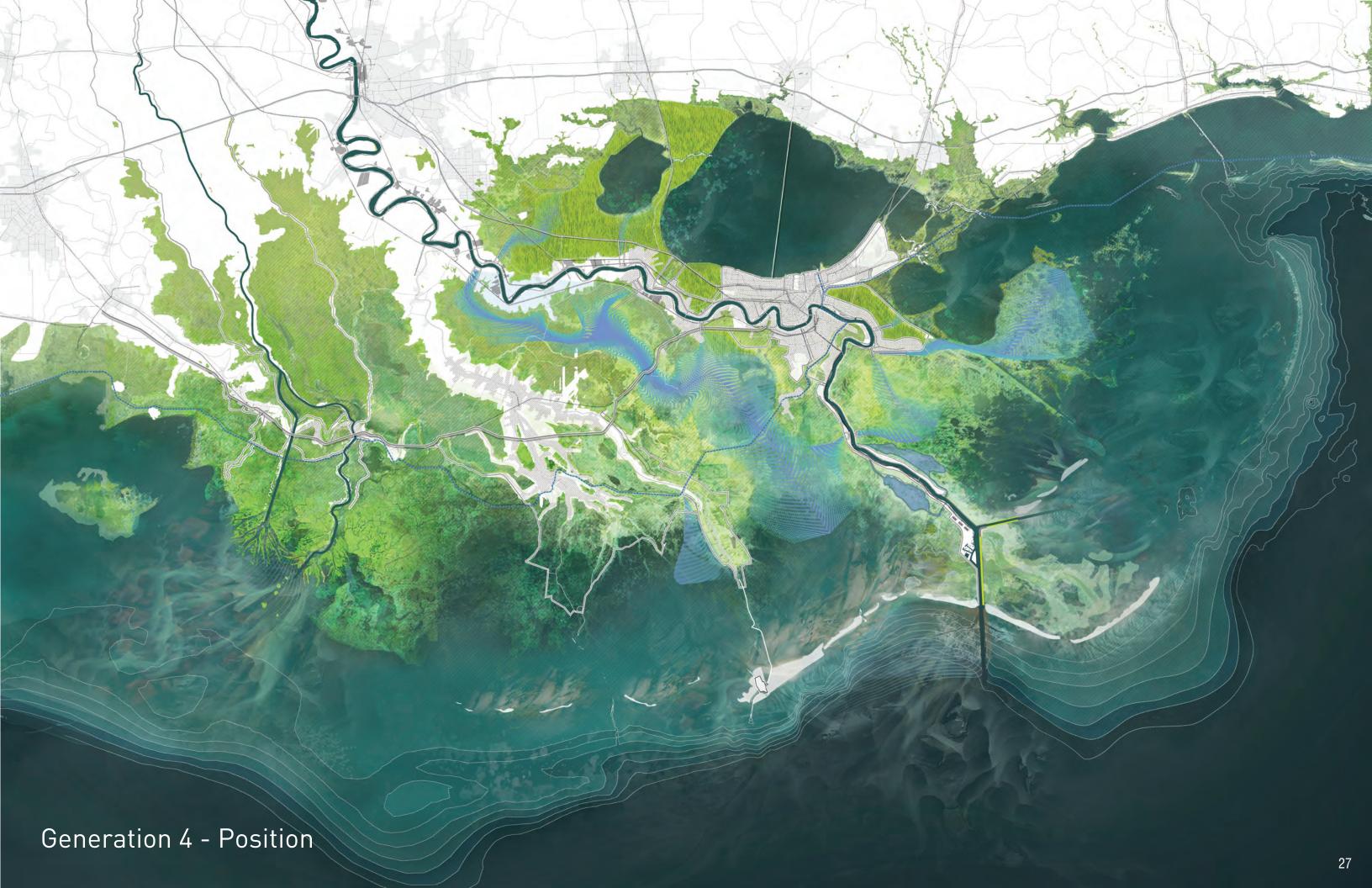


Connecting The River

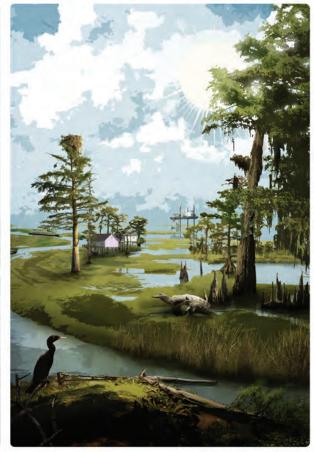
- 1. Salinity And Residence Time
- 2. Controlled Floodways & GIWW
- 3. Multi-height Spillways
- 4. Sediment Traps with Dedicated Dredging
- 5. River Cut and Port Sulphur
- 6. Sand Engines













Pontchartrain Basin

