Ideas explored in the South Florida Resilient Redesign Workshop

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Glacial minimum landmass
Glacial maximum shoreline

Graphic: Anthony Abbate. Information courtesy Florida Public Archaeology Network at Florida Atlantic University. Michele Williams, Ph.D. RPA.
Lake Okeechobee and Everglades appear 3000 BCE
Tequesta
Current shoreline
Modern political boundary

Graphic: Anthony Abbate. Information courtesy Florida Public Archaeology Network at Florida Atlantic University. Michele Williams, Ph.D. RPA.
Subtropical Cities

2008

Fort Lauderdale 1,600,000
Cartagena 1,000,000

Population statistics for metropolitan areas, Broward County and Wikipedia.

Maps by Toni Williams and Matthew Weber, Broward Community Design Collaborative.
Water table: Groundwater datum

Grade

Porous permeable soils

Architectural and Geohydrologic system diagramatic section: Anthony Abbate. FAU School of Architecture MetroLAB
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Water table: Groundwater datum

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Architectural and Geohydrologic system diagramatic section. SFRR Workshop.
Transect profile of SE Florida. Anthony Abbate, FAU School of Architecture.
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Low land
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Barrier island
Miami Beach

Elevate infrastructure
Storage structures
Pumps
Elevate buildings

Elevate buildings

Elevate infrastructure

Pumps

Natural ridge + mangrove
Enhanced dunes
Polders

Dredge and fill
Land readjustment

Dania Beach

Ridge land

Unincorporated

Everglades
Photo: Carlo Scarpa. Reflecting pool. Brion-Vega cemetery. San Vito d’Altivole, Veneto, Italy. (c.1978)