

# ***Estimating the Economic Impact of Rising Sea Levels in Cape Canaveral***

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# ECONOMIC RESILIENCY



## About ECFRPC

- Council of Governments  
Located in  
Orlando, Florida
- Provide Technical  
Assistance within  
8-county Region

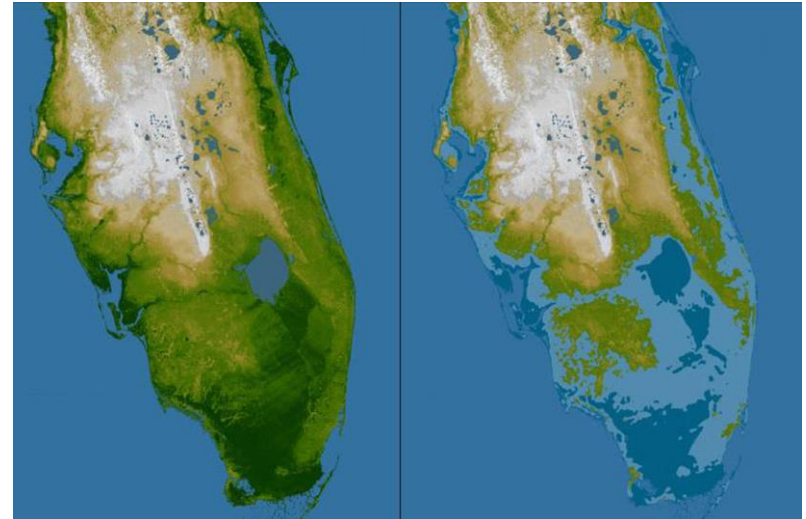


# ECONOMIC RESILIENCY



## Economic Impact of Sea Level Rise

- Sea Levels Expected to Rise over Next 70 Years
- Affect Major Population and Economic Centers
- Effects will Occur Gradually Over Time



# ECONOMIC IMPACT OF SEA LEVEL RISE



## Karl Havens Coastal Resilience Grant

- Prepare Coastal Communities for Challenges of Sea Level Rise
- Partnership with Sea Grant College Programs in Florida, Georgia, North Carolina, and South Carolina

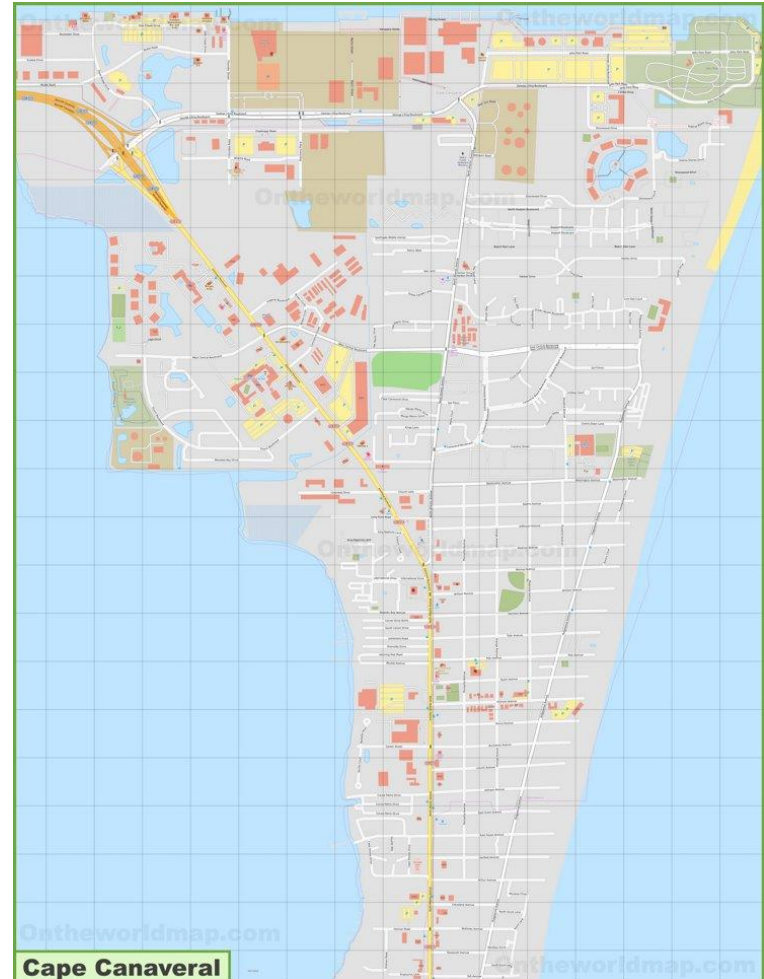


# PARTNER COMMUNITY



## City of Cape Canaveral

- Located on the Florida's Atlantic Coast
- Community is an important part of state's tourism and aerospace economies





# RESILIENCY FRAMEWORK



## Economic Scenario

- Estimate economic impact of up to five feet of sea level rise using three variables
- Forecast economic activity over 51 year period (2030-2080)



# PEOPLE



## Variable 1: City Demographics

- American Community Survey Data
- Census Block Group Level
- Divide Population Between Economic Migrants and Retirees

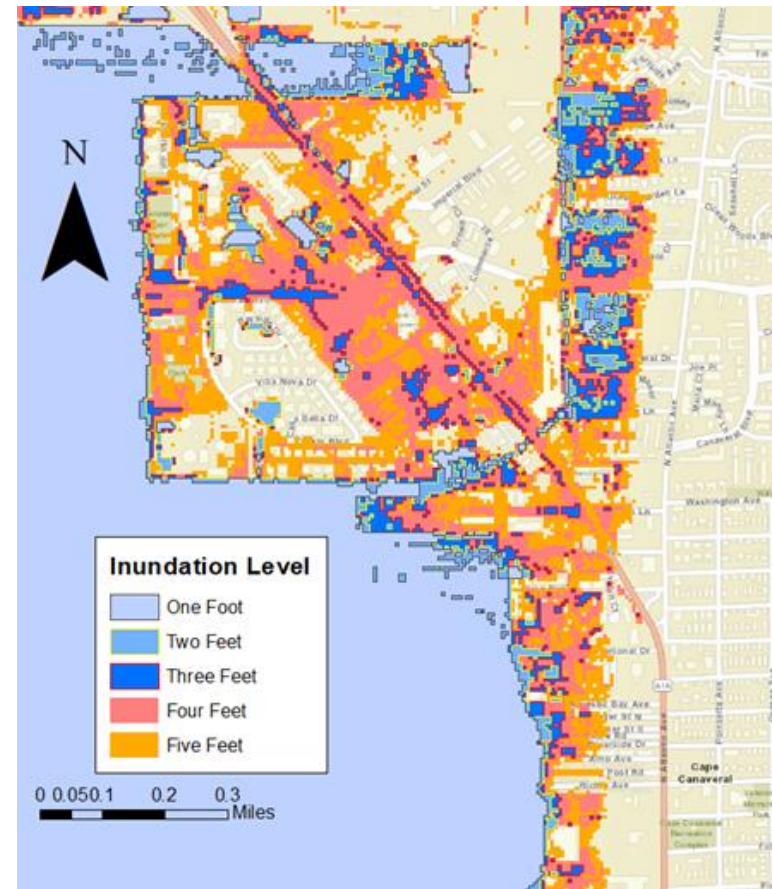


# PLACES



## Variable 2: Inundated Parcels

- Identify all parcels that will be at least 50% inundated
- Forecast new property values up to 2080
- Use ten year increments starting 2040

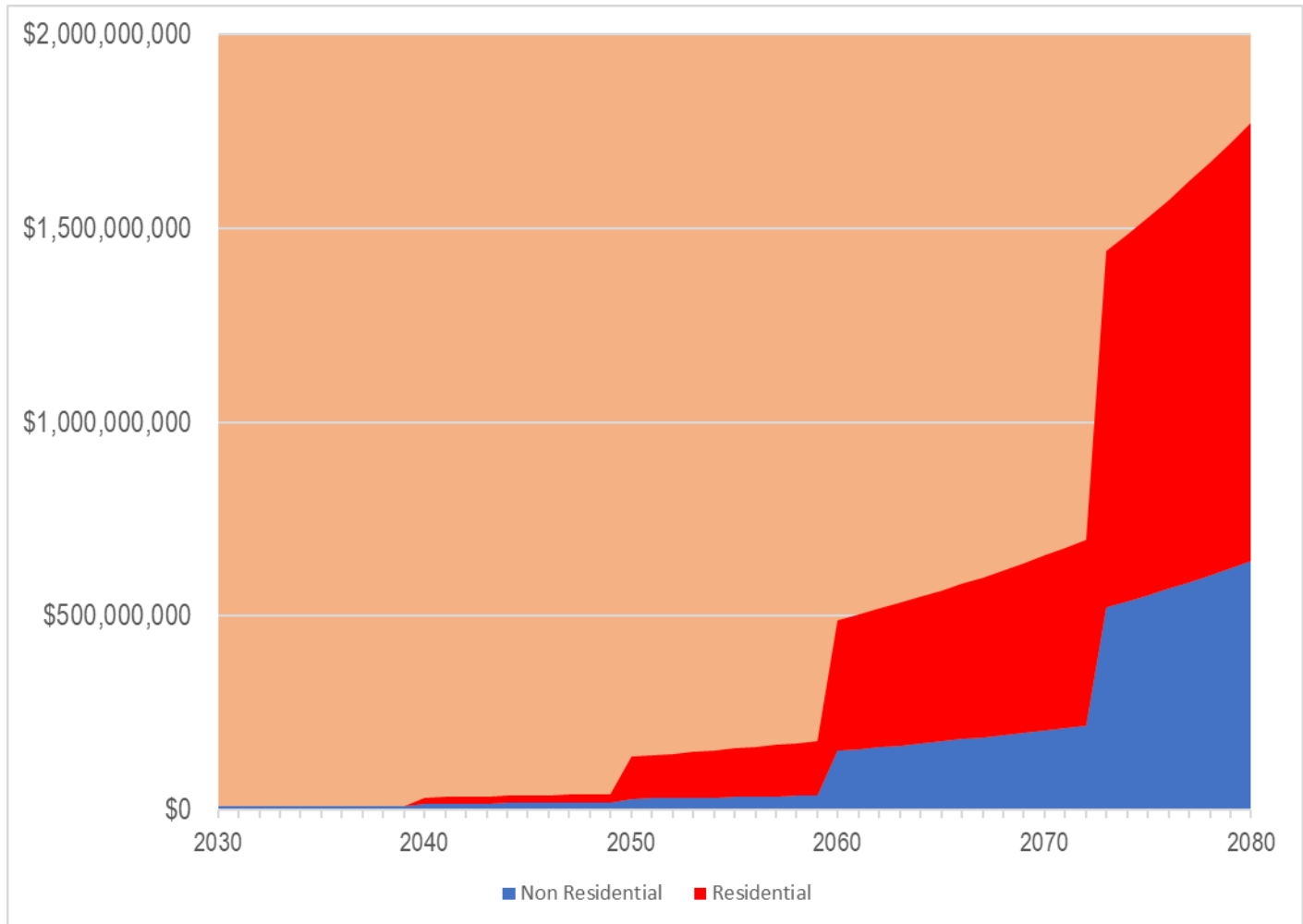




# PLACES



## Capitol Stock Losses



# PROSPERITY



## Variable 3: Industry Losses

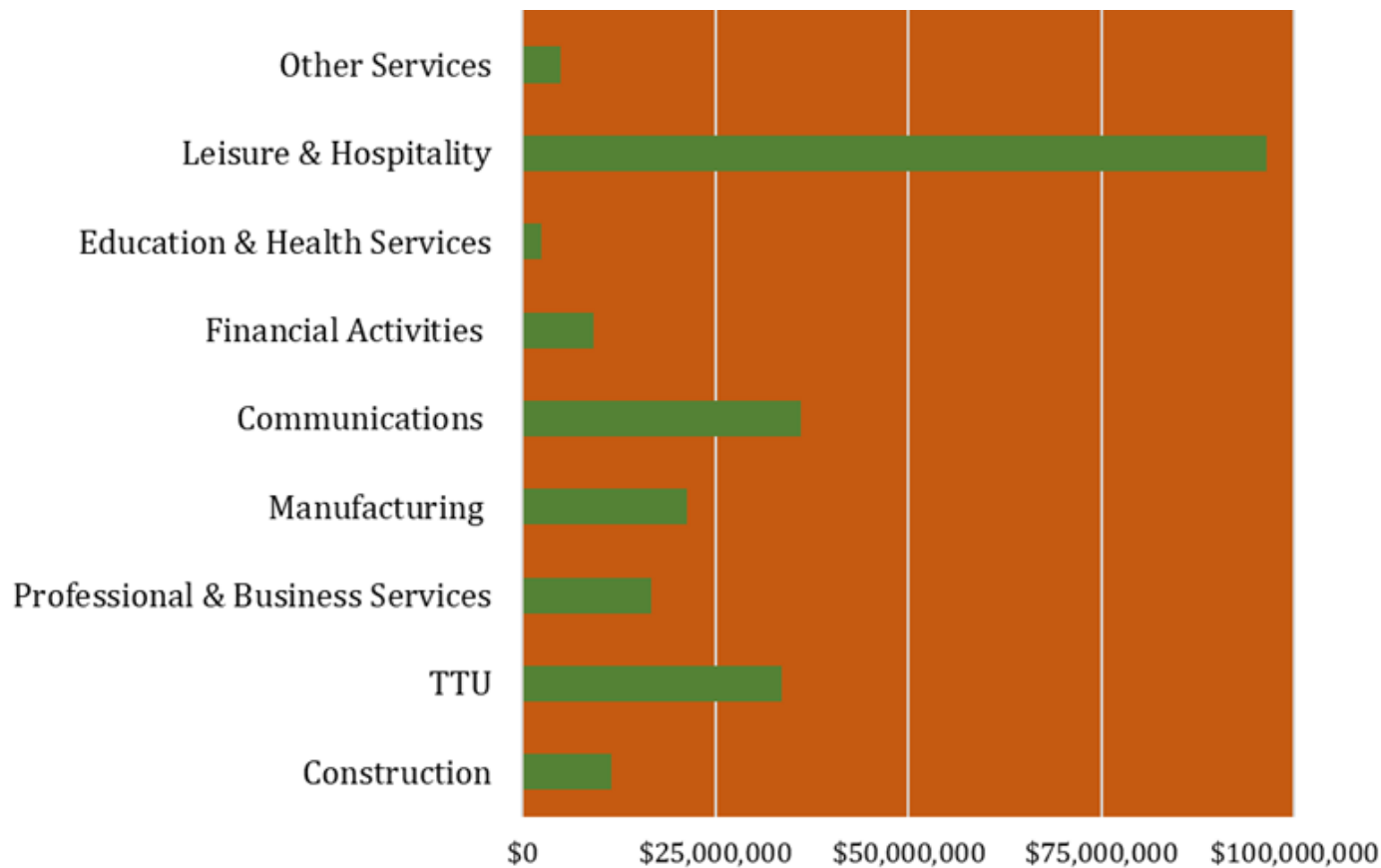
- Identify affected businesses using Data Axle/Infogroup
- Include businesses that will be surrounded by water
- Forecast sales losses up to 2080 (3% Increase Annually)



# PROSPERITY



## Variable 3: Business Sales Losses



# ECONOMIC SCENARIO RESULTS



## Average Loss per Year

- 3,865 Jobs
- 9,518 People
- \$1.07 Billion  
Output/Sales
- \$3.38 Billion  
Personal Income
- \$650 Million  
Gross Regional Product



## Questions/Comments

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