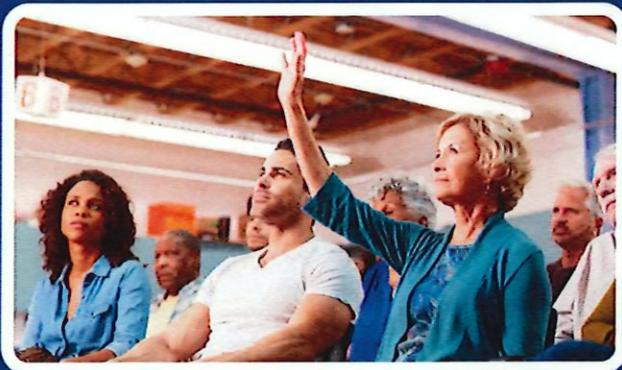




COMMUNITY WORKSHOP



**WE WANT TO
HEAR FROM YOU**

Town of Hypoluxo Community Workshop

Wednesday, February 18, 2026 - 6 PM

7580 South Federal Highway,
Hypoluxo, FL 33462



TOWN OF HYPOLUXO FLOODING & SEA LEVEL RISE RISK ASSESSMENT

Help shape your community's future! Palm Beach County is partnering with six local municipalities to host community workshops regarding the new Flood and Sea Level Rise Risk Assessments. These workshops will discuss water-related risks and long-term infrastructure planning across multiple communities.

Join us to learn more about the project, ask questions, and provide feedback!



**SCAN HERE FOR
MEETING DETAILS**



Town of Hypoluxo

Flooding and Sea Level Rise Risk Assessment

Community Workshop | February 18, 2026



TETRA TECH

Today's Agenda

- 1. Team Introductions**
- 2. Project Objectives**
- 3. Exposure Analysis Results**
- 4. Sensitivity Analysis Results**
- 5. Next Steps**
- 6. Discussion & Questions**



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Introductions

Tetra Tech Team



ERIN L. DEADY, P.A.



Palm Beach County Team



CLEARVIEW
—GEOGRAPHIC—

Project Objectives

1

Develop a cohesive strategy to identify vulnerabilities

2

Asses flooding hazards, complying with state legislation

3

Guide future needs and ID community partnerships

4

Increase eligibility for State and Federal grant funding



Climate Vulnerability Assessment

- Identify YOUR Critical Assets at risk
- Determine level of exposure at specific flood scenarios for:
 - Current conditions, 2050, and 2080
 - Prioritize the assets to identify future project needs
- Identify flooding focus areas
- Obtain and incorporate public/stakeholder feedback





Flooding Analysis

Sea Level Rise

- An increase in the level of the world's oceans as a result of the effects of climate change

High Tide Flooding

- Characterized by high tide occurrences, leading to the temporary inundation of low-lying areas

Storm Surge Flooding

- An event driven rise of ocean water generated by elevated water levels associated with a storm or wind event

Rainfall-Induced Flooding

- Occurs when rainfall overwhelms drainage/stormwater systems and natural waterways, leading to the inundation of normally non-flood-prone land

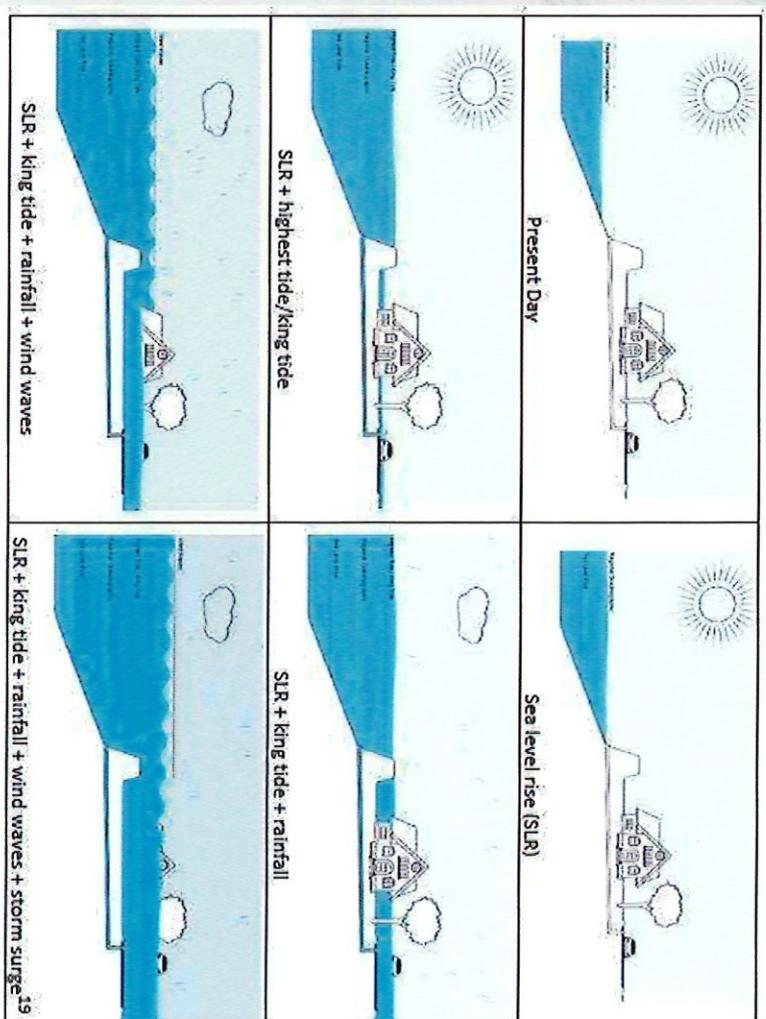
Compound Flooding

- The combination of tidal, storm surge, and rainfall-induced flooding



Resilient Florida Scenarios

- Section 380.093(3)(d)3.a-c, F.S. requires:
 - All analyses in the North American Vertical Datum of 1988.
 - At least two local sea level rise scenarios, which must include the 2022 National Oceanic and Atmospheric Administration Intermediate Low and Intermediate sea level rise projections.
 - At least two planning horizons that include planning horizons for the years 2050 and 2080.
- Required methodology provides analyses in NAVD88, use of NOAA Intermediate Low and Intermediate (2022) and 2050 & 2080 meeting all Scenario and Standards requirements



Graphic source: Clearview Geographic LLC



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Critical Assets – Section 380.093 F.S.

Owned or maintained by county, cities, and other entities

- **Transportation Assets**
Roads, Bridges, Rail, Marinas
- **Critical Infrastructure**
Non-buildings, all utilities
- **Critical Community & Emergency Facilities**
Schools, Health Care Services, Emergency operational facilities
- **Natural, Cultural, & Historic Resources**
Shorelines, Conservation Lands, Parks





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- 2. Enter code 8173 0060**
- 3. Answer questions for live audience results**



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Which types of assets should be prioritized for climate adaptation efforts?

- Transportation
- Utilities
- Government Facilities
- Community Facilities
- Cultural and Historic Sites
- Natural Areas/Resources
- Emergency Response Facilities



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Which types of assets should be prioritized for climate adaptation efforts?

- Transportation
- Utilities
- Government Facilities
- Community Facilities
- Cultural and Historic Sites
- Natural Areas/Resources
- Emergency Response Facilities

Which types of assets should be prioritized for climate adaptation efforts?

Which adaptation efforts would you like to prioritize for your community?



Exposure Analysis Results: Town of Hypoluxo





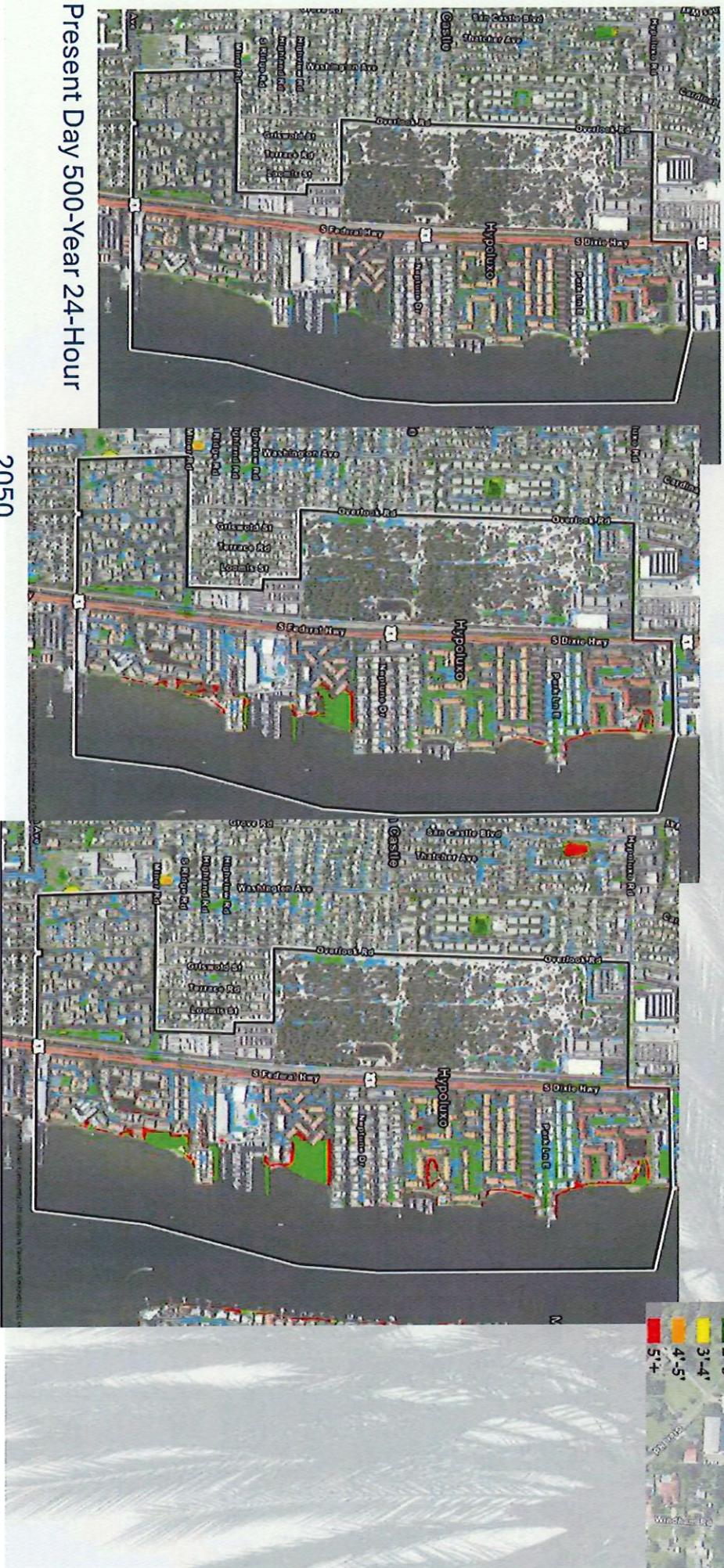
24-Hr Rainfall Precipitation Levels

Year	Scenario	Precipitation (Inches)
Present Day	100-Year	15.2
Present Day	500-Year	21.3
2050	100-Year	18.4
2050	500-Year	26.6
2080	100-Year	18.4
2080	500-Year	26.6

NIL and NI Combination Water Rise Impacts

Sea Level Rise Scenario	Surge Scenario	Rainfall Scenario	Max Combined Mean Water Rise (ft)
Present Day	500 Year	500 Year 24 Hour	9.03
NIL 2050	500 Year	500 Year 24 Hour	11.07
NI 2050	500 Year	500 Year 24 Hour	11.35
NIL 2080	500 Year	500 Year 24 Hour	12.45
NI 2080	500 Year	500 Year 24 Hour	13.83

Hypoluxo – 500 Year 24 Hour Rainfall



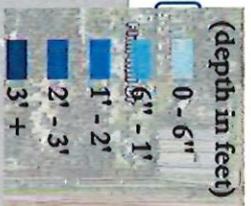
Present Day 500-Year 24-Hour

2050

2080

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Hypoluxo - NOAA Intermediate SLR + HTF



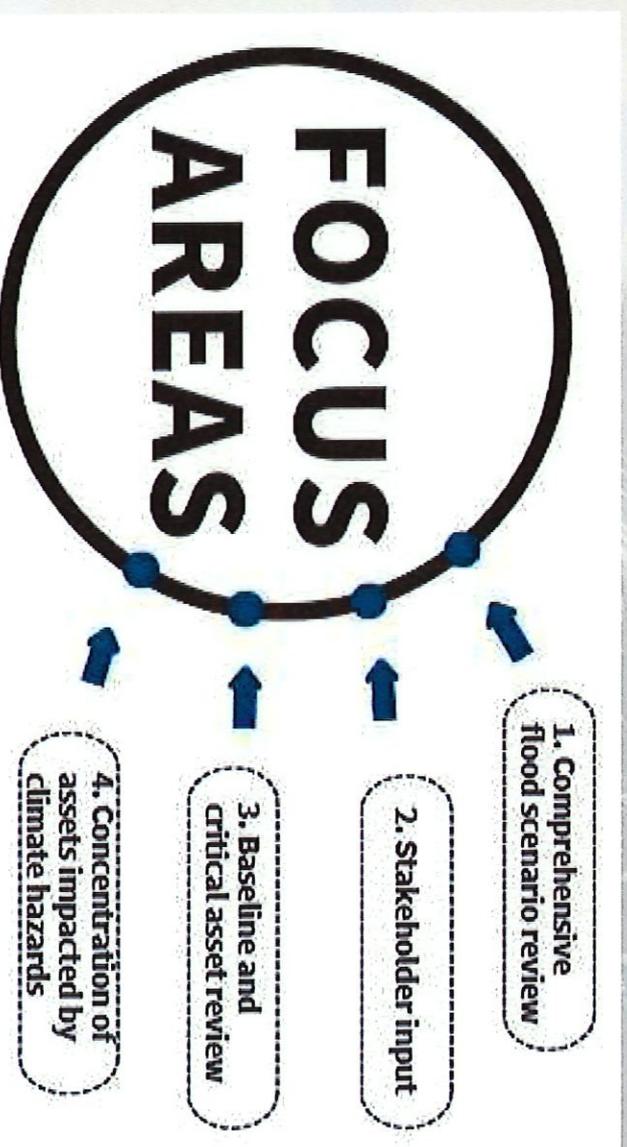
Flooding and Sea Level Rise Risk Assessment
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Flooding Focus Area Methodology

Criteria for flooding focus areas:

1. There is an aggregation of critical assets at risk
2. The area is subject to flooding risks today or by 2050 or 2080
3. Areas identified as at-risk based on local knowledge

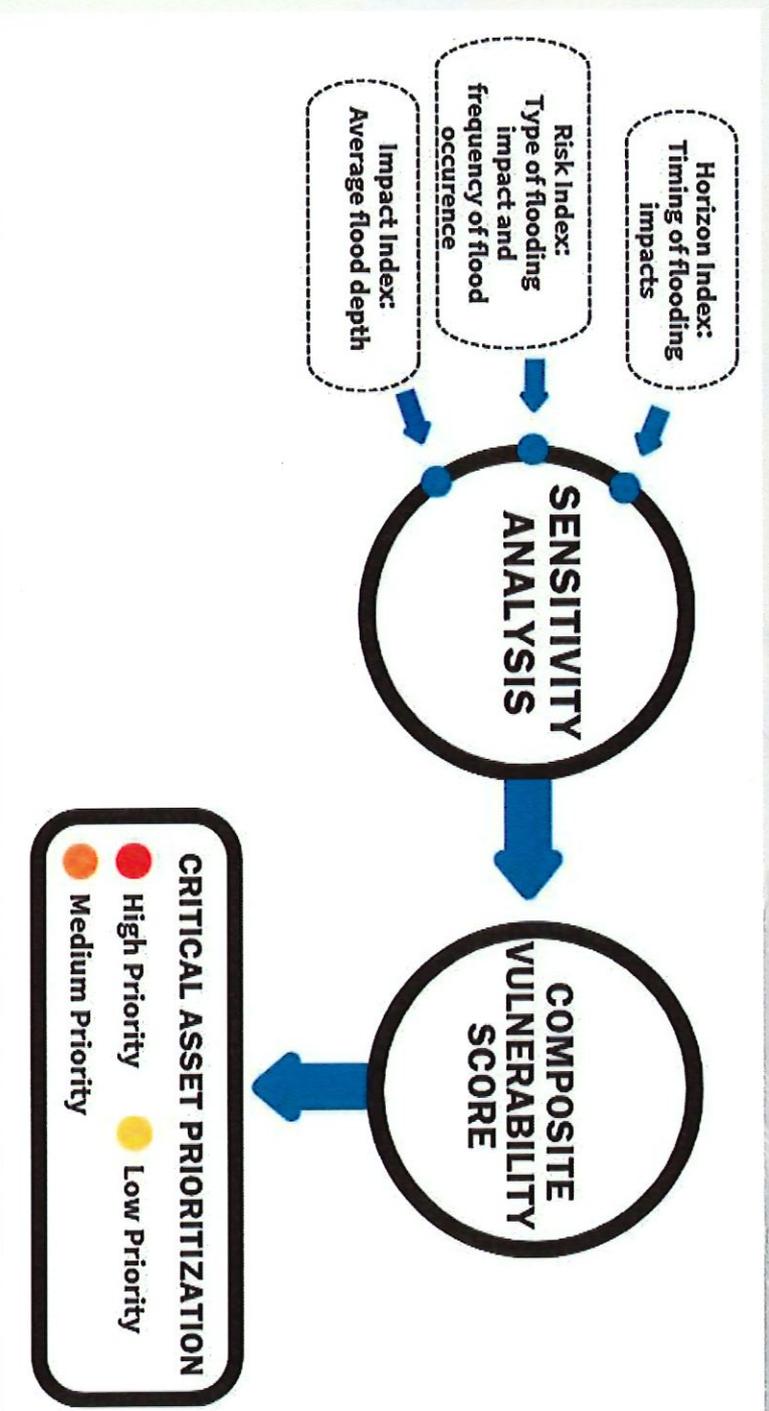
Purpose: Helps prioritize where adaptation response should occur based on geographic area and timeline to impact





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Sensitivity Analysis: Assesses the potential impact of flooding hazards on the inventory of critical community assets



Sensitivity Analysis Results

Critical Asset Priority Level	Counts
Priority 1 (High)	41
Priority 2 (Moderate)	27
Priority 3 (Low)	22
Priority 4 (Minimally Impacted) *Not displayed on FFA maps	60
Total Assets	150

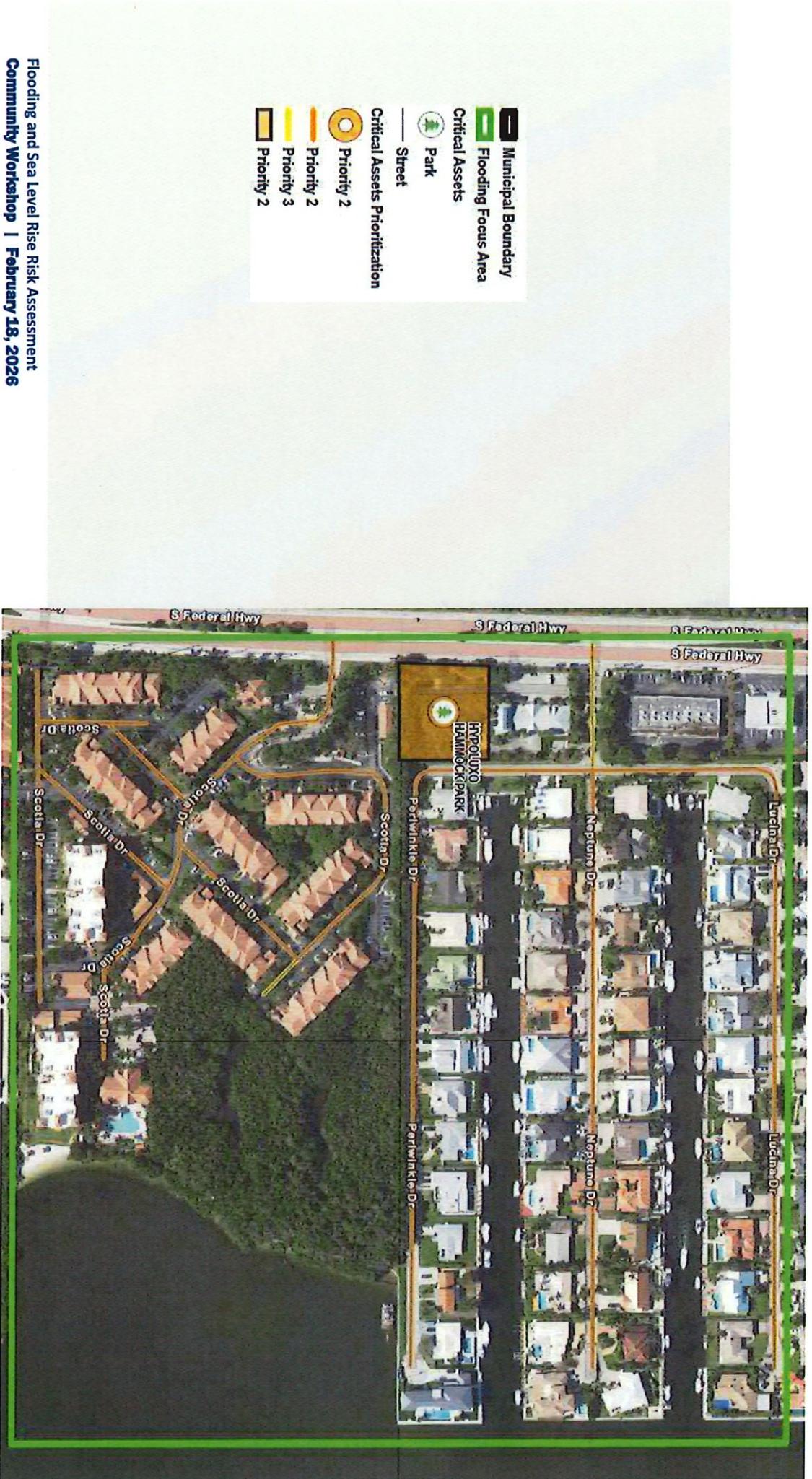
 Municipal Boundary
 Flooding Focus Area





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How is your community impacted when critical assets are inaccessible as a result of a climate event?

All responses to your question will be shown here

Each response can be up to 200 characters long

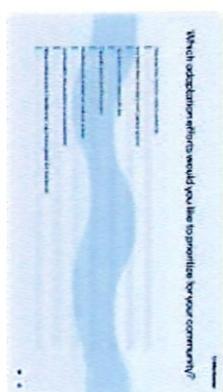
Turn on voting to let participants vote for their favorites



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Which adaptation efforts would you like to prioritize for your community?

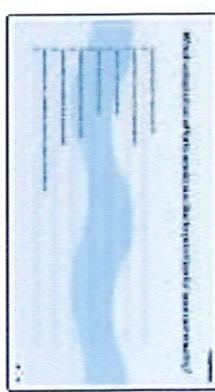
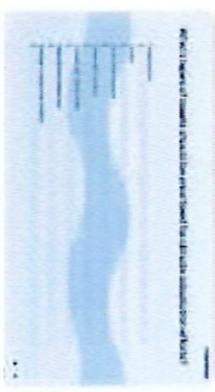
- Stormwater system improvements
- Increase tree canopy and green space
- Update codes and policies
- Elevate and retrofit assets
- Restore and preserve natural areas
- Community education and awareness
- New construction (resilience hub, microgrids, EV stations)



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Next Steps



**FINALIZE
REPORT**



**COUNCIL MEETING TO
PRESENT RESULTS**



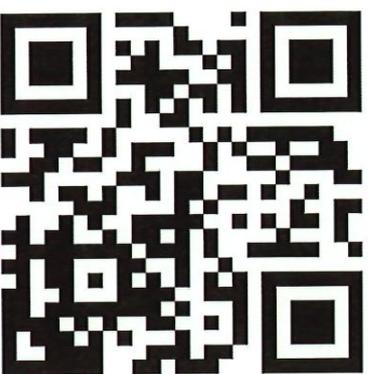
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We want to hear from you!

Community Surveys



Climate Change Survey

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Flooding Survey



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Thank you!

Discussion & Questions