

# **Adaptation Planning Team**

## **Ranked Adaptation Planning Actions**

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### **City Staff:**

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<b>#1 (30)</b>	<b>Assess Vulnerability and Adaptation Needs for Public Service</b>
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- Build local govt capacity to understand risks
- Develop/Update vulnerability assessments for City buildings.
  - Flood Zones of all City Buildings
  - ID natural buffers which provide adaptation benefits
  - Develop resilience assessments for below grade infrastructure.
  - Assess partner institutions: Hospitals, Clinics, Schools, Airport, cultural resources, economic resources, at risk populations, public housing.
- Address SLR and CC resilience in annual budgeting, planning and designing processes
- Address SLR in annual legislative priorities
- Continue King Tide photo mapping to document nuisance flooding
- Develop level of service goals for roads in lowest lying neighborhoods

<b>#2 (26)</b>	<b>Increase Financing Options for Adaptation</b>
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- Reduce barriers to public and private investment
- Create mechanisms to fund adaptation projects
- Research taxing incentives, green lending, PACE, carbon credits, revolving funds, etc.
- Actively seek grants
  - FDEP: Coastal Partnership Initiative,
  - FDEO: Community Planning Technical Assistance,
  - NFWF

<b>#3 (18)</b>	<b>Update LDR's for commercial and residential resilience</b>
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- No slab on grade
- More freeboard
- Post flood: Different materials

<b>#4 (16)</b>	<b>Continue Collaboration with others</b>
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- Monroe County
  - FEMA Maps Fight
  - County wide Post Disaster Recovery Strategy.
- Southeast Florida Climate Change Compact
  - 100 Resilient Cities
  - Unified SLR Predictions

- Regional Climate Action Plan
- Adaptation Action Areas
- US Naval Academy/Northeastern University.
- ACOE 3x3/Stetson Elevation Data/Roads Vulnerability

<b>#5 (14)</b>	<b>Decrease Stormwater Flooding</b>
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- Increase green infrastructure design
- Consider SLR estimates in all design
- Explore counting cisterns as water retention
- Increase onsite retention and reuse of rainwater
- Decrease fouling of rainwater so that it can be used for higher qualities of uses.

<b>(8)</b>	<b>Protect our wellfield</b>
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- Increase water efficiency in homes and businesses
  - Adopt Miami Dade's water code.
- Decrease inappropriate uses of potable water where lesser qualities of water will suffice (examples: pool filling, landscaping).
- Decrease barriers to graywater use.
- Increase ability to respond to drought conditions.
- Increase collaboration from local utilities.
- Turkey Point

<b>(5)</b>	<b>Decrease Insurance Burdens by Reducing Risk</b>
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- Increase Community Rating System points.
- Reduce burden to homeowners to raise homes above floodplain.
- Increase Incentives
- Reduce burden to business owners to floodproof.
- Increase property owner's ability and responsibility to adapt?

<b>(4)</b>	<b>Increase Energy Independence</b>
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- Increase energy resilience by reducing barriers and creating incentives for solar energy and other low-carbon energy sources.
- Adopt Renewable Energy Target
- Increase efficiency of energy use in existing homes and businesses (esp. high ROI areas like lighting, water heating, air curtains).
- Decrease inappropriate uses of energy (light pollution).
- Increase local utility collaboration.

<b>0</b>	<b>Diversify Building Materials</b>
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- Research glass and mulch as cost saving ways to build up roads and soil

<b>0</b>	<b>Strive for Equity</b>
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- Analyze health issues cause by extreme heat days
- Address CC/SLR impacts on disadvantaged groups, values and symbolic places.