



**ONE
BAY**

**RESILIENT
COMMUNITIES**



...practical strategies for the Tampa Bay region to withstand the effects of sea level rise and other climate hazards.

Hazards Analysis Key Messages

Rainfall

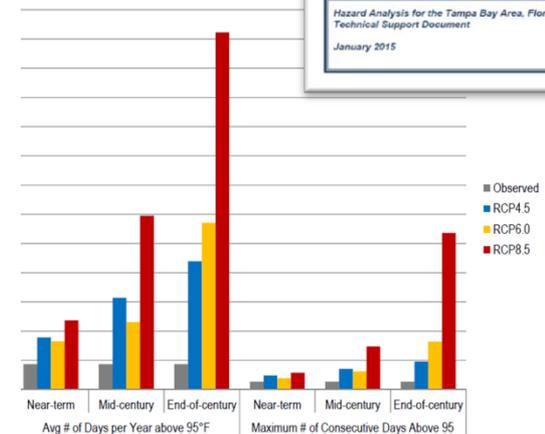
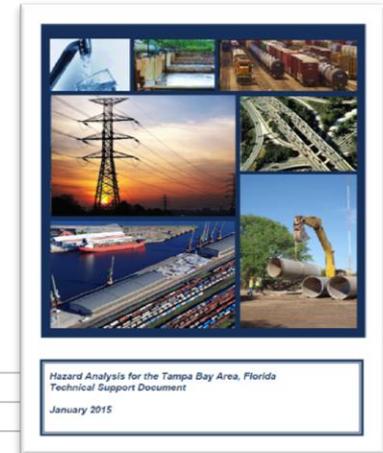
- Historic decrease of 0.11 inches/decade
- **Projected changes within natural variability**

Temperature

- Historic increase of 0.2 F/decade
- **Hotter, especially in the summer**
 - Potential increase of 5.9° F

Sea Level

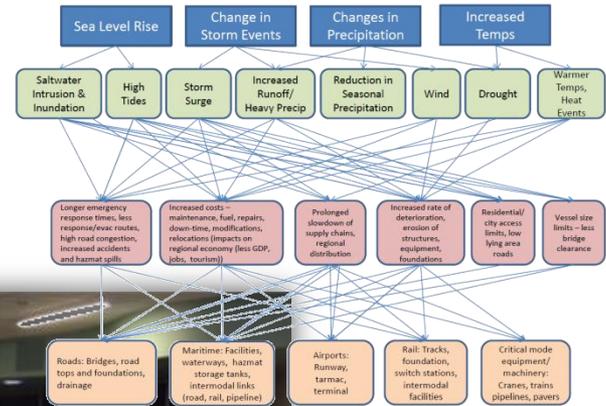
- Historic increase of 0.83 feet/century
- **More coastal flooding**
 - Projected increase of 1.3 to 6.6 feet by 2100



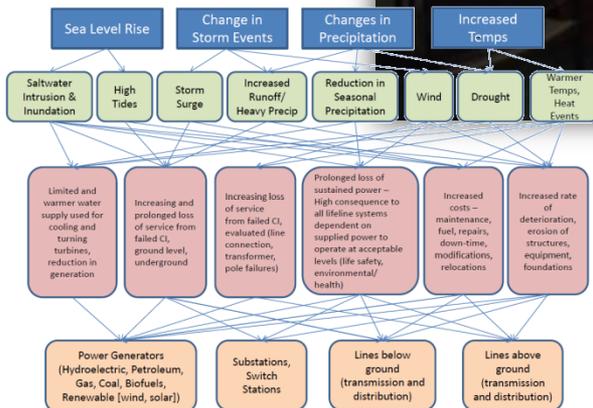
Hazard Diagrams



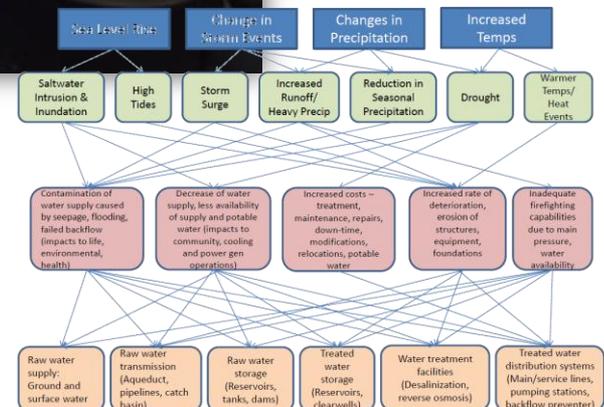
Transportation



Energy



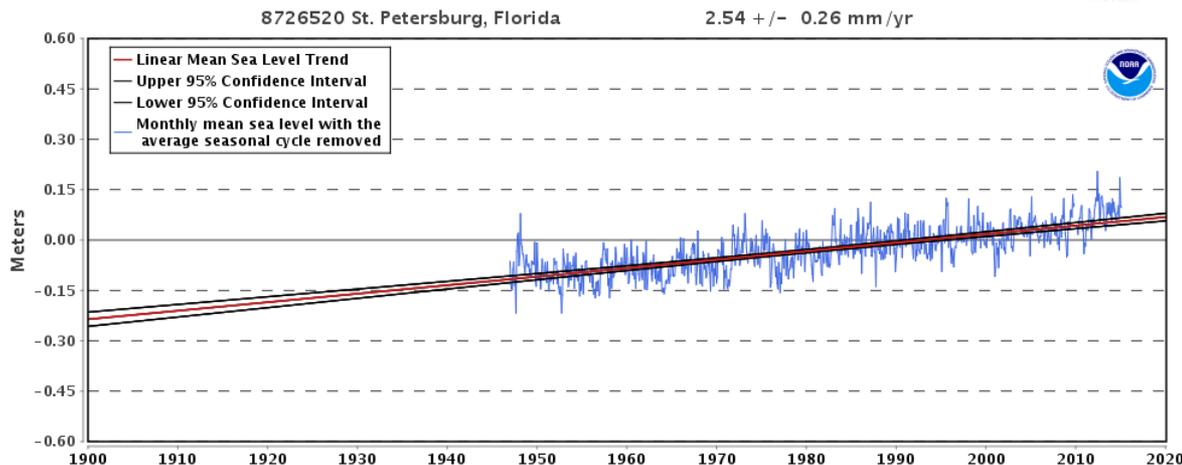
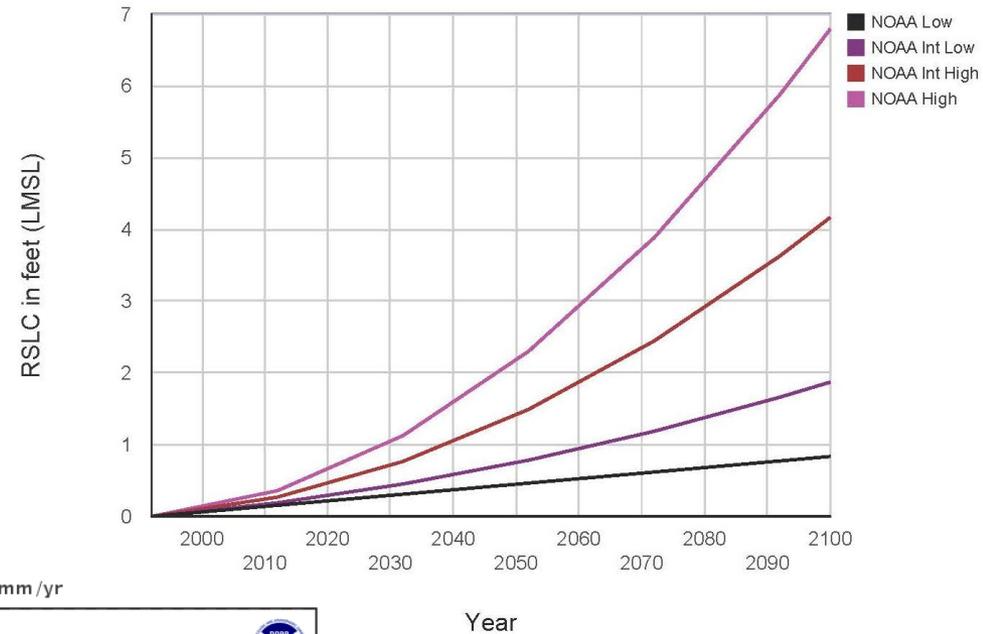
Water Supply



Science Advisory Panel Recommendation

- St. Petersburg Tide Gauge
- NOAA Methodology
- Decision Context Guidance

Relative Sea Level Change Projections - Gauge: 8726520, St. Petersburg, FL (05/01/2014)





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Working Group

Next Meeting: May 1st, 10:00AM

- Share the sea level rise projections recommended by the Tampa Bay Climate Science Advisory Panel.
- Preview of website clearinghouse for Tampa Bay-specific sea level rise research, programs, tools and events.
- Highlight best practices to improve resilience of stormwater management infrastructure.

GOMA Climate Outreach Community of Practice Annual Meeting
May 19-21 at Sirata Resort & Conference Center