

## **Resiliency rests on three legs:**

Assessment

Adaptation

Mitigation

## **Take homes for today:**

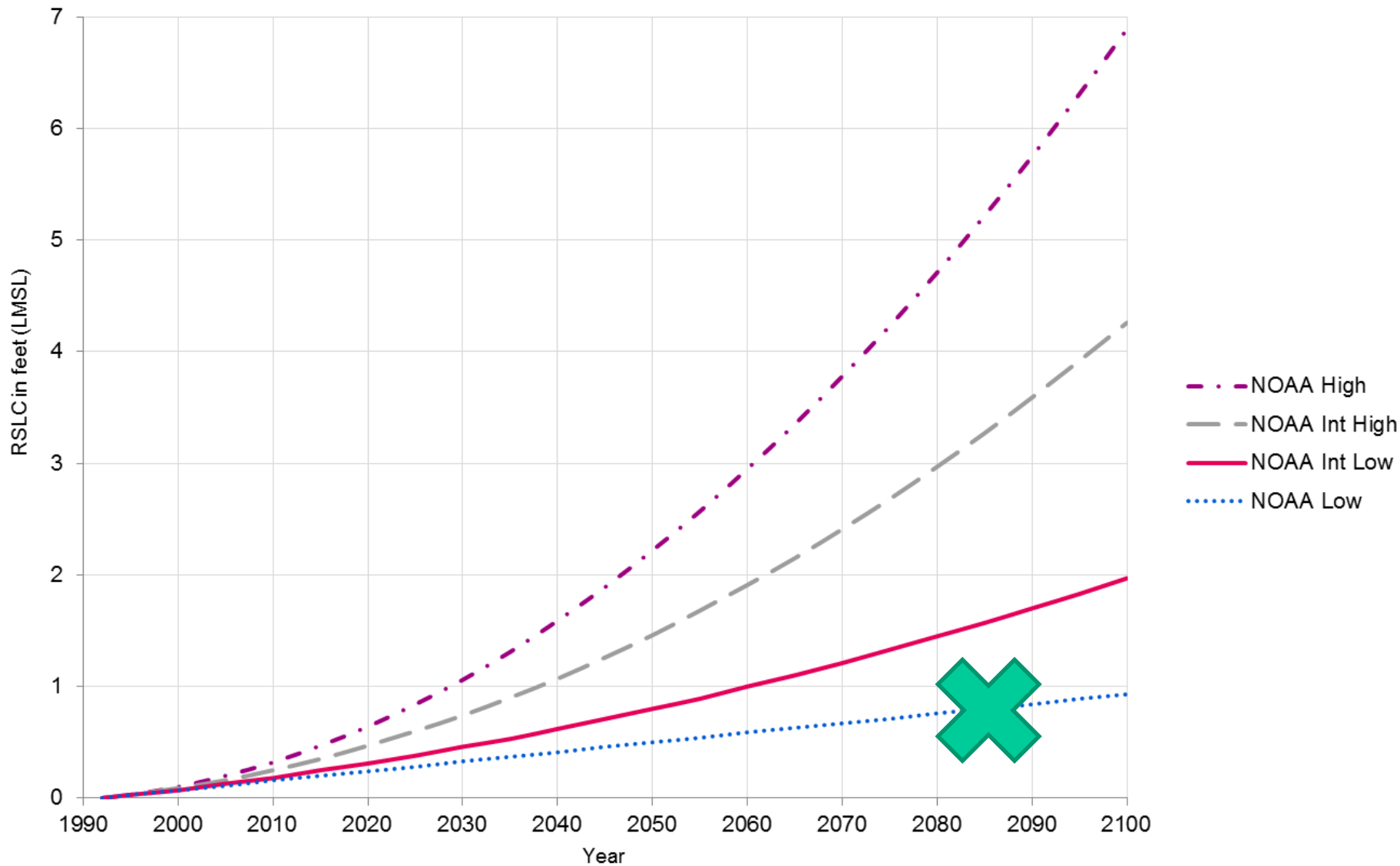
Assessment is an ongoing process

We need to encourage new modes of interaction

Mitigation is what ultimately matters the most

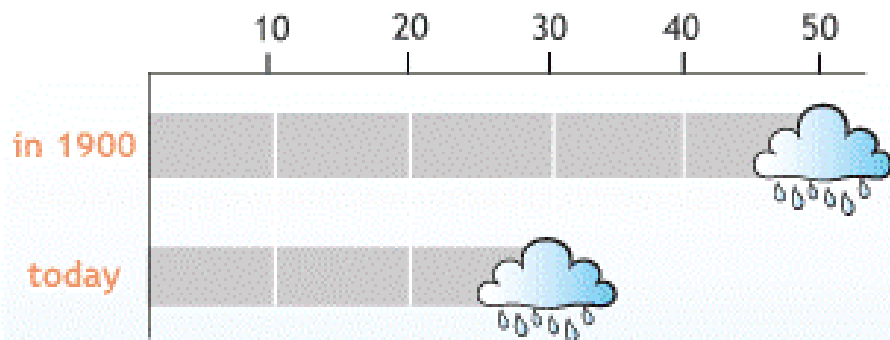
# Assessment

# Relative Sea Level Change Projections - Gauge 8726520, St. Petersburg, FL

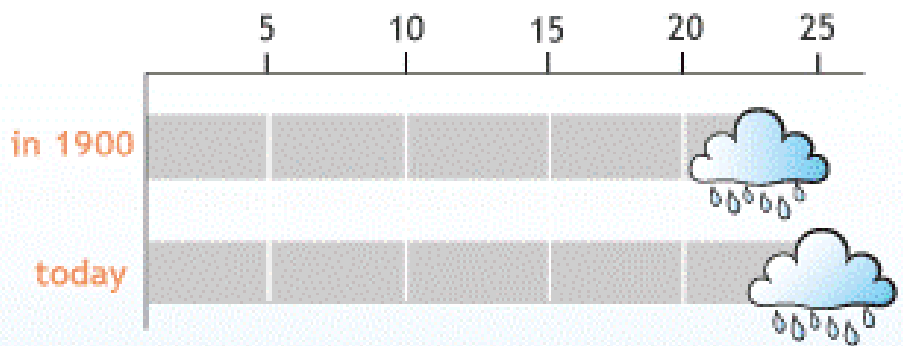


# How has global warming affected **HEAVY RAIN EVENTS** like the one along the Gulf in mid-August?

average # years between events



typical 3-day heavy rain total in inches

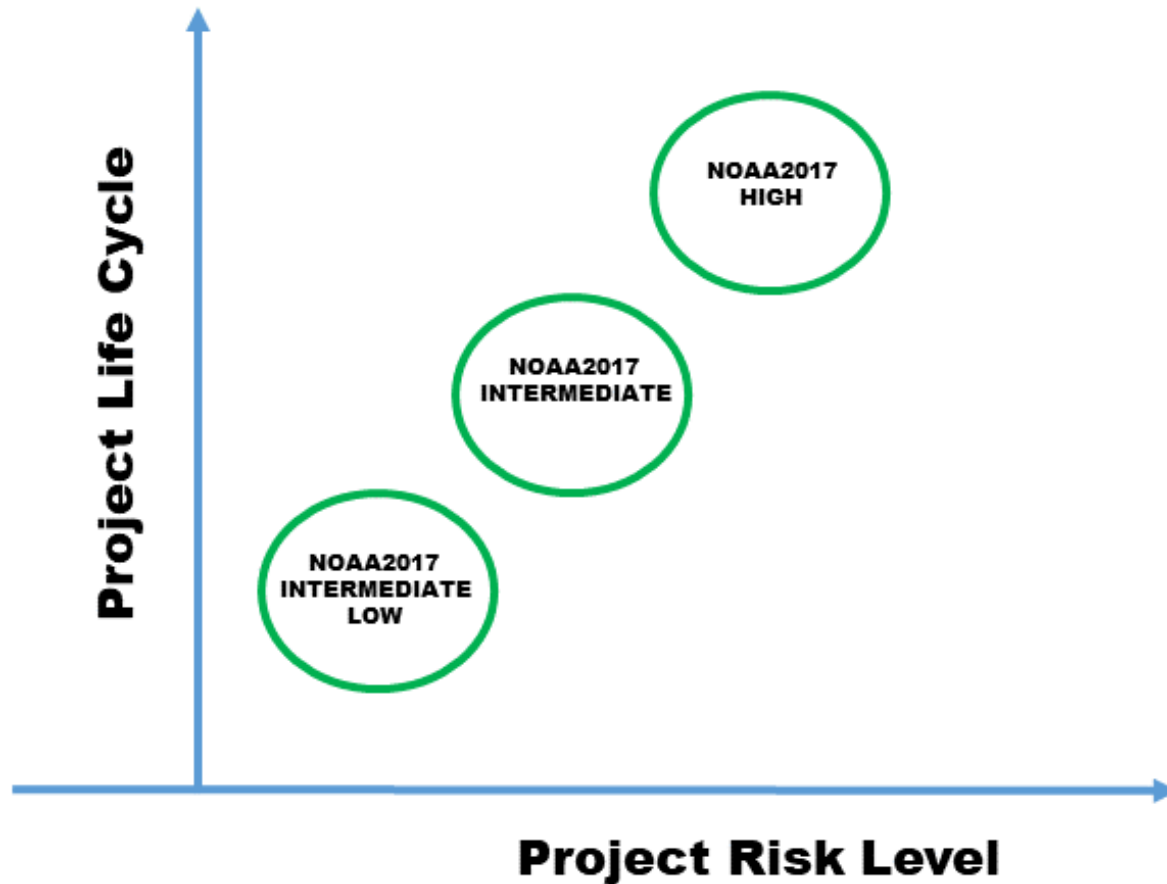


**RISK OF  
SIMILAR  
EVENTS** **↑**  
**ODDS** **+40%**

**AMOUNT  
OF  
RAIN** **↑**  
**INTENSITY** **+10%**

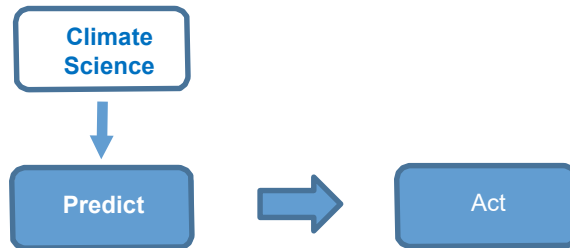
# Adaptation

# Application of SLR Scenarios to Adaptation Planning

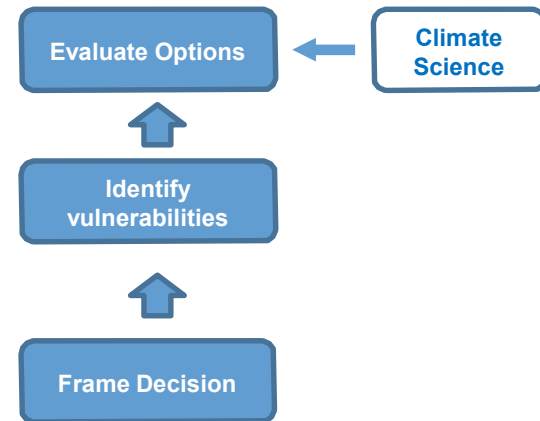


# How Can Climate Science Best Inform Decisions?

## Common Decision Model



## Decision Making under Deep Uncertainty

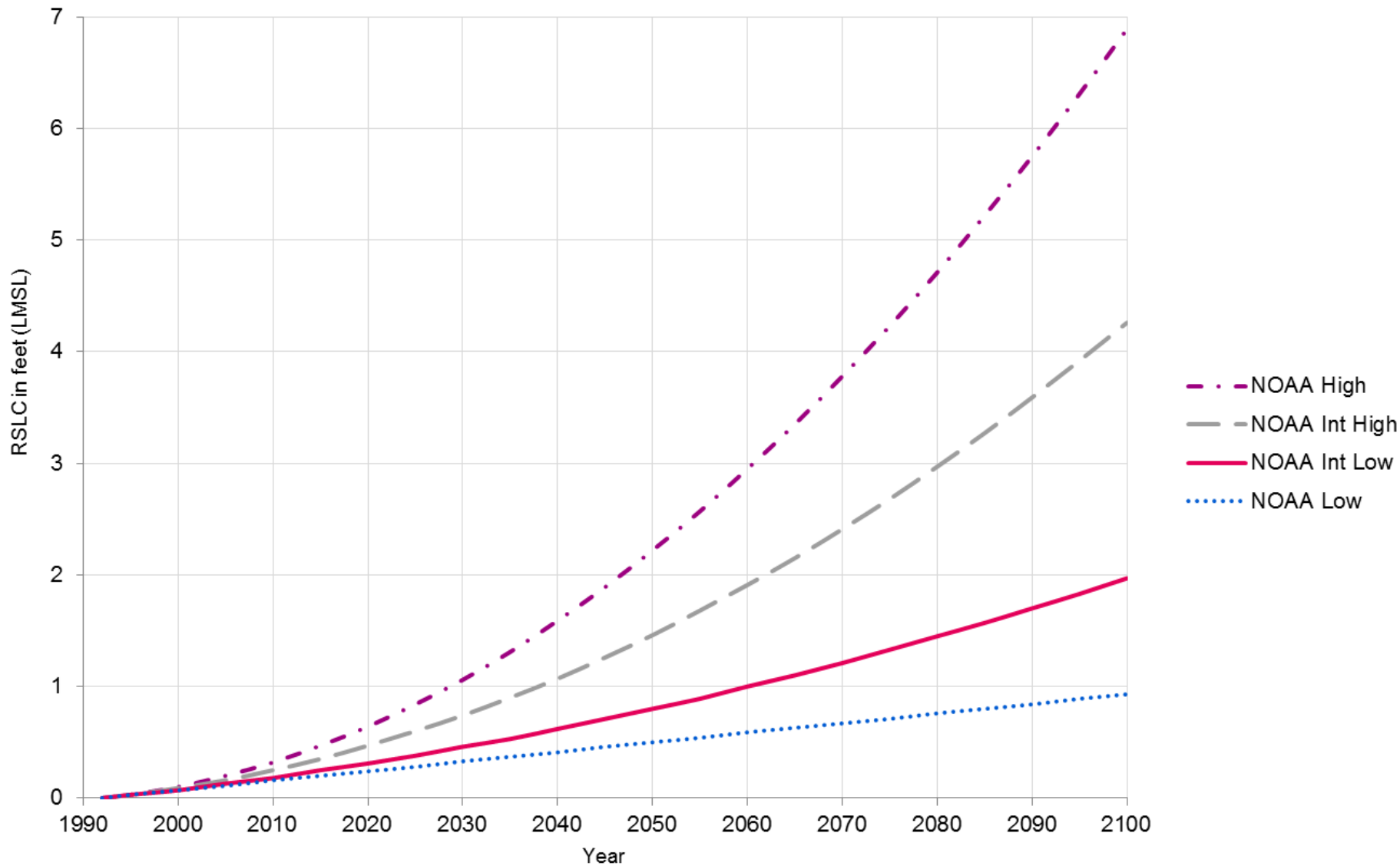


Courtesy Casey Brown

# Mitigation



# Relative Sea Level Change Projections - Gauge 8726520, St. Petersburg, FL



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