

SEA LEVEL RISE

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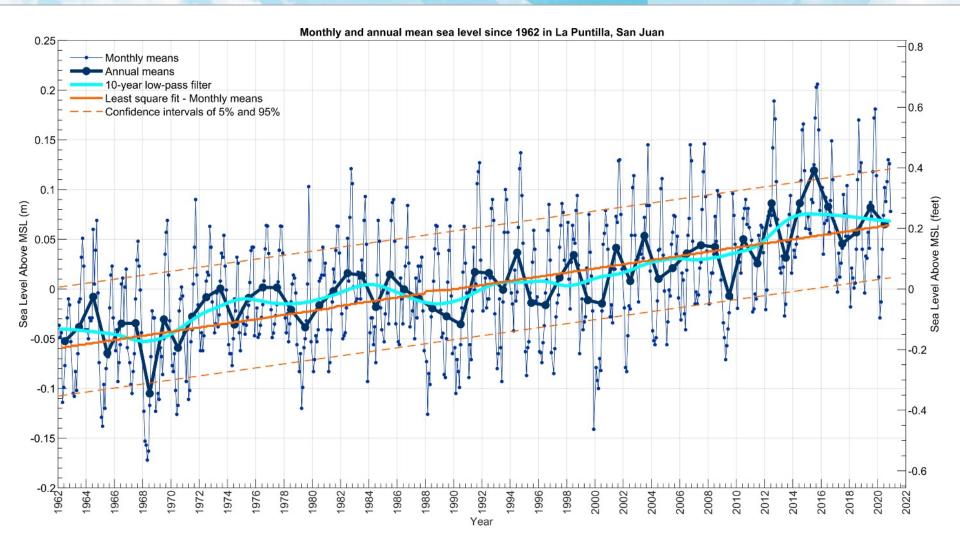
Relative Sea Level Change and Projections Up to 2100

- The PRCCC WG-1 selected and reconstructed monthly means of water level elevations from NOAA NOS/CO-OPS stations at Magueyes Island, La Parguera, Lajas and La Puntilla, San Juan Bay.
- The data in this report do not account for erosion, subsidence, or future construction.





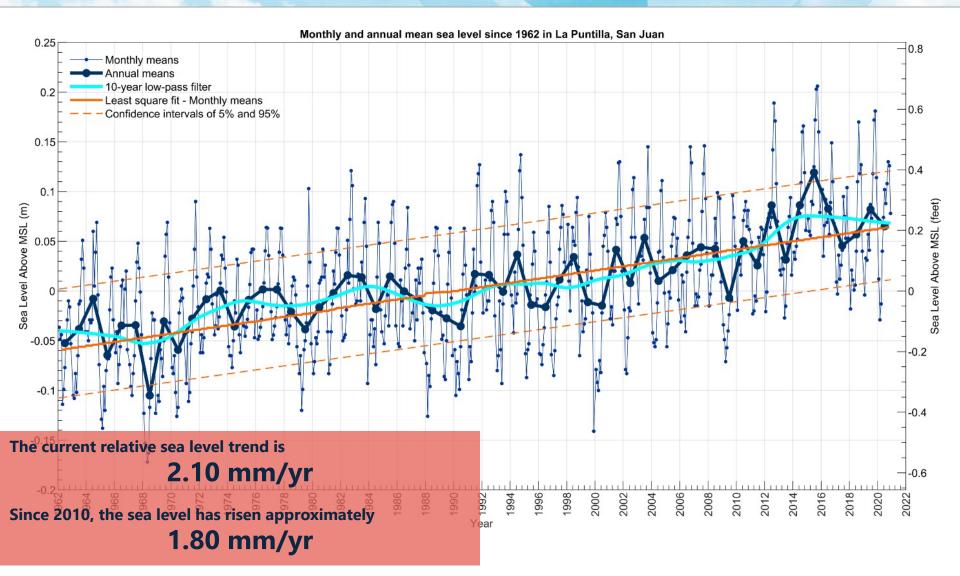
SEA LEVEL RISE - LA PUNTILLA, SAN JUAN



Data for the current analysis were collected between 1962 and 2020.

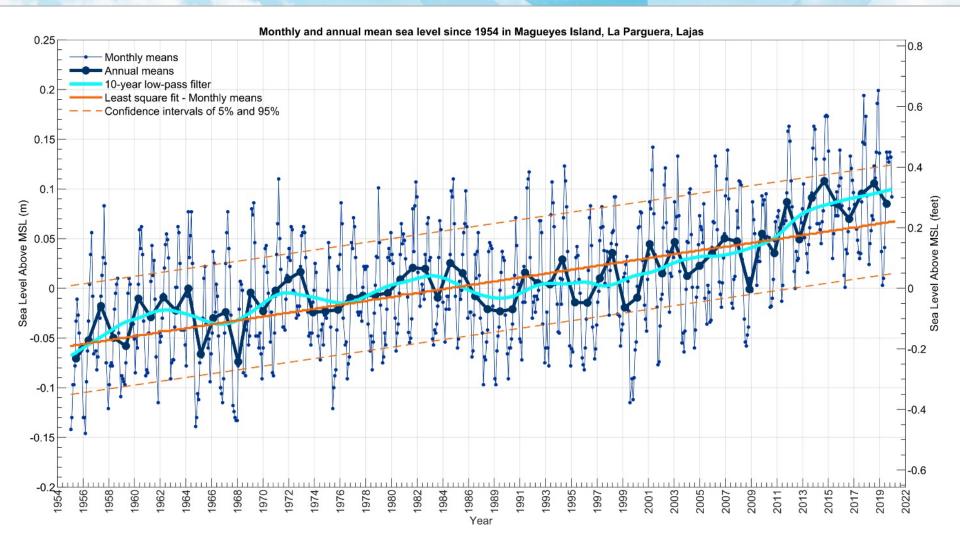


SEA LEVEL RISE - LA PUNTILLA, SAN JUAN





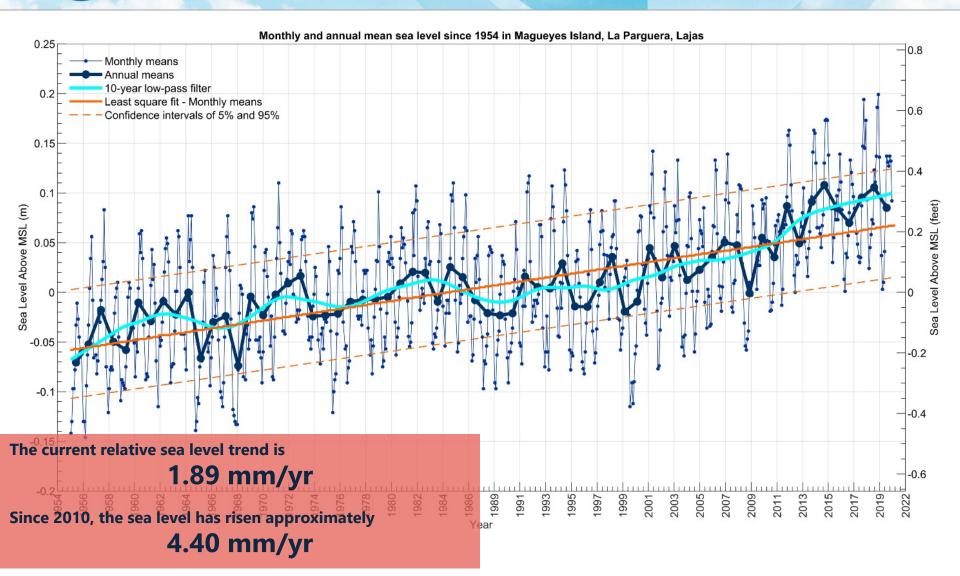
SEA LEVEL RISE - MAGUEYES ISLAND, LA PARGUERA



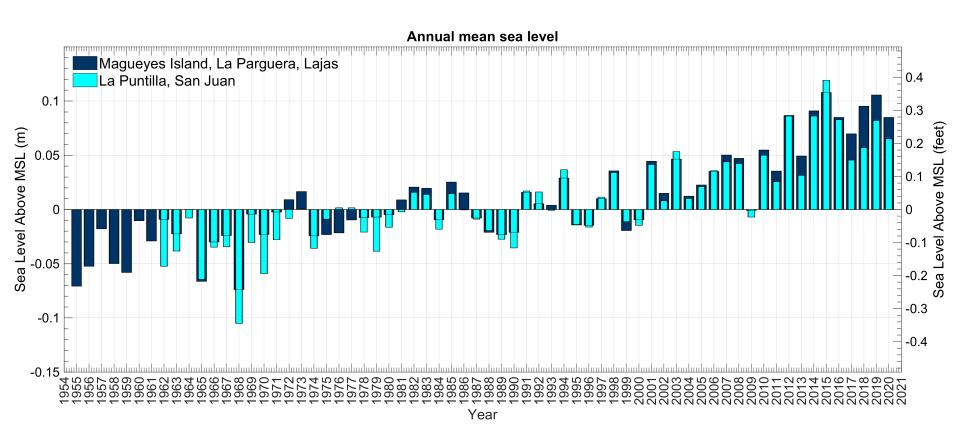
Data for the current analysis were collected between 1955 and 2020.



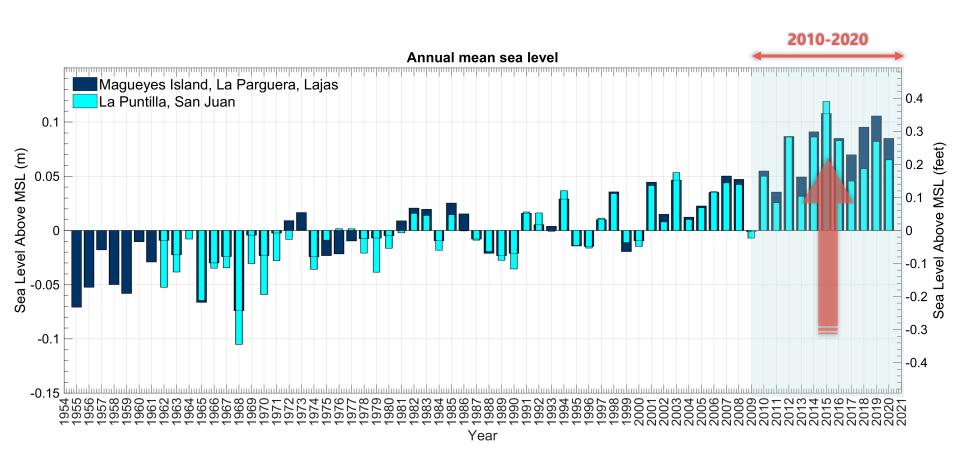
SEA LEVEL RISE - MAGUEYES ISLAND, LA PARGUERA





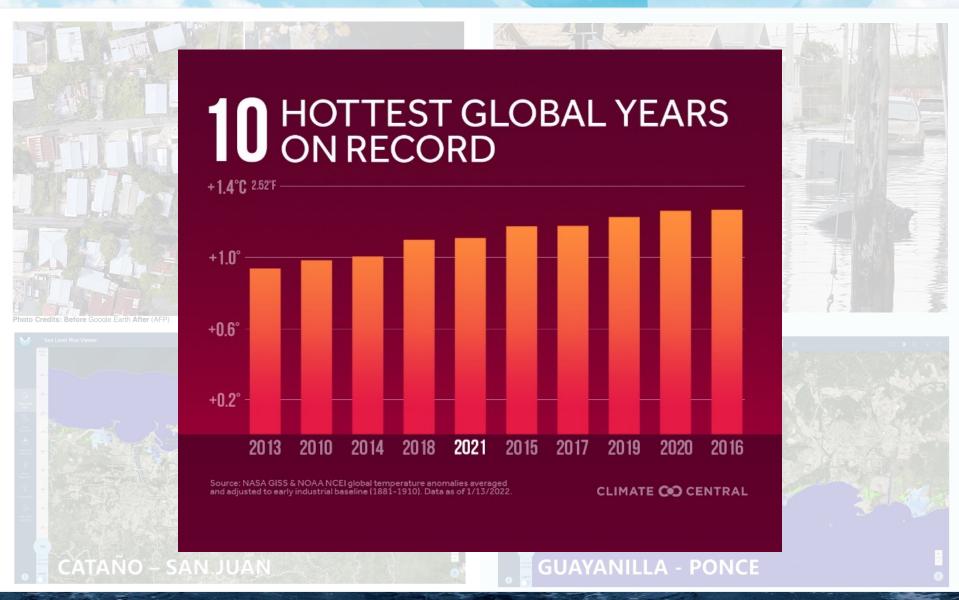








WHAT LIES AHEAD AS SEA LEVELS RISE?





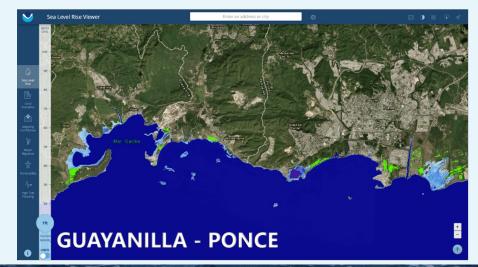
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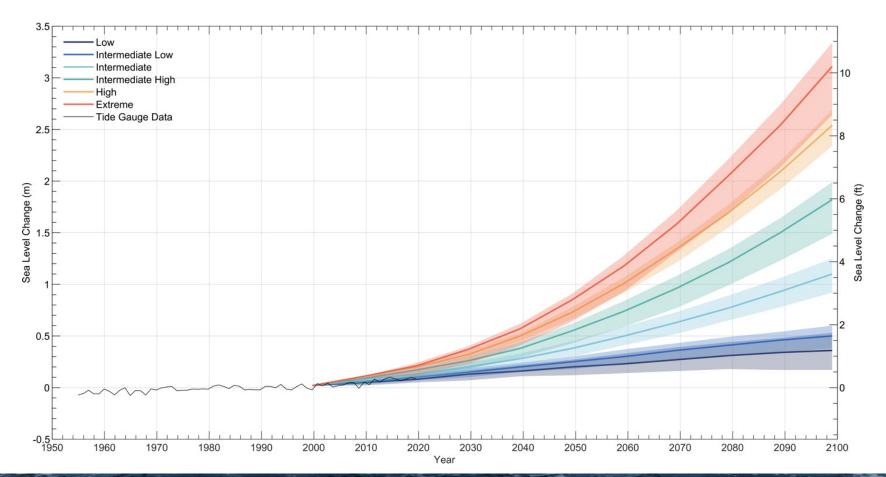


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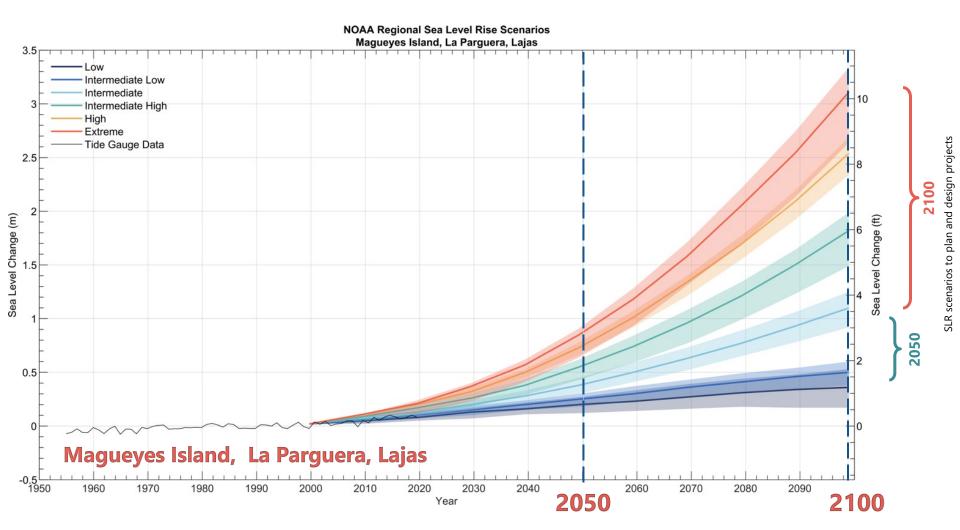




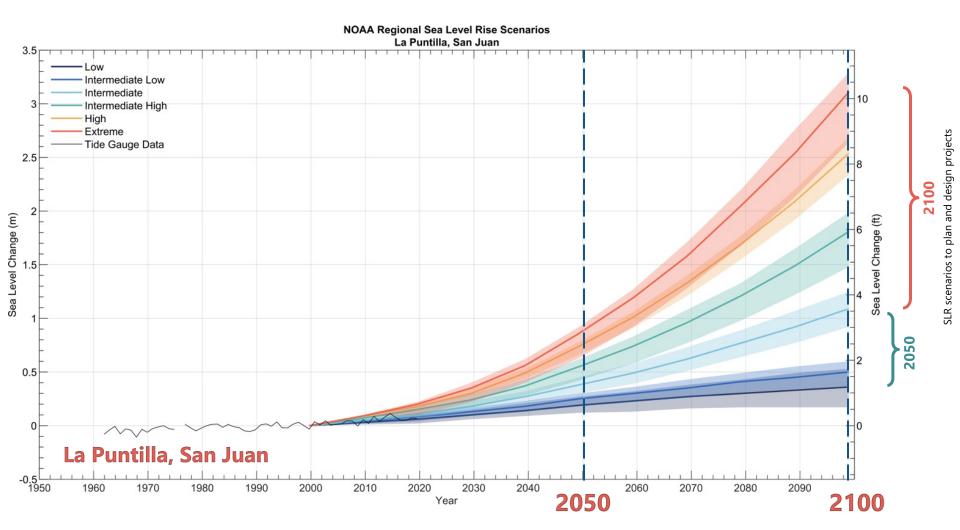
- Six (6) Sea Level Rise (SLR) scenarios reported by NOAA.
- Each scenario assumes a non-linear rate of rise (extrapolation)













CONVERSATION QUESTIONS

- What lies ahead as sea levels rise?
- 2. What does your community value the most that is at risk?
- Do you feel that the Caribbean islands are in a good position to adapt to climate change?
- 4. Are there some industries in Puerto Rico that you feel are more or less vulnerable?
- How can stakeholders actively participate of the decision-making process?
- 6. What are the biggest challenges your organization or community encounters when making decisions about sea level rise?
- 7. How can policy and practice be integrated to ensure that the effects on coastal, estuarine, marine, and terrestrial ecosystem are mitigated?
- 8. What strategies can be used to promote long-term integrated multidisciplinary collaborations?

