

# 18<sup>th</sup> SESSION IOCARIBE



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Intergovernmental  
Oceanographic  
Commission

Sub-Commission for the Caribbean  
and Adjacent Regions

Subcomisión para el Caribe y  
Regiones Adyacentes

## PROJECT CORVI CLIMATE-OCEAN RISKS & VULNERABILITIES IN ARUBA

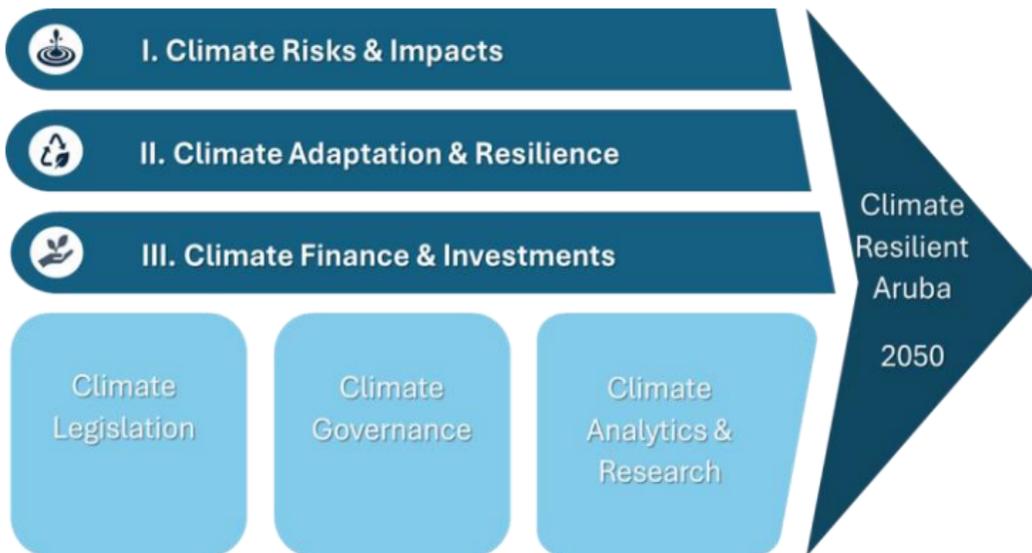
**DR. RYAN R. PETERSON**  
CHAIR  
NATIONAL CLIMATE RESILIENCE COUNCIL OF  
ARUBA

Brasilia, Brazil  
April 23–25, 2025

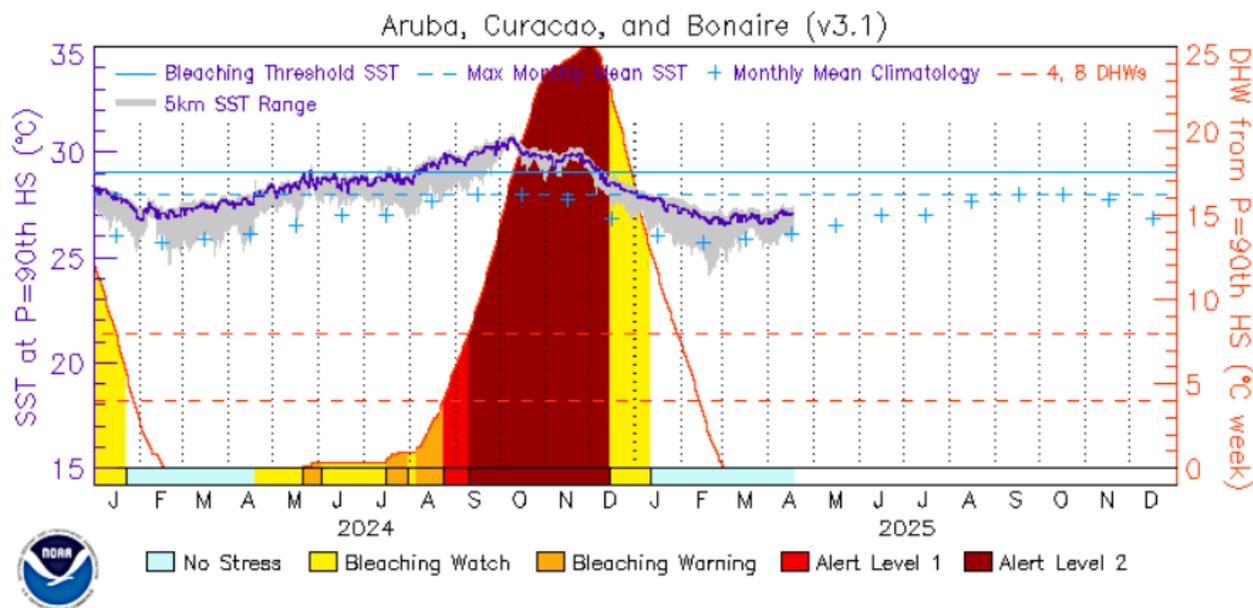
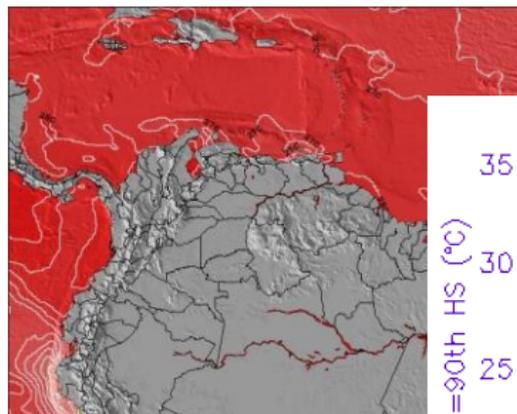
# Introduction



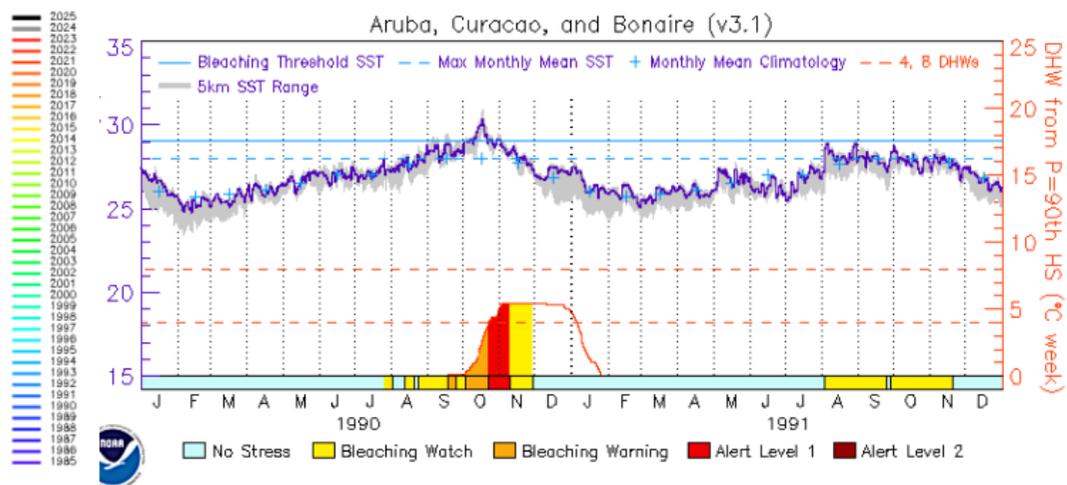
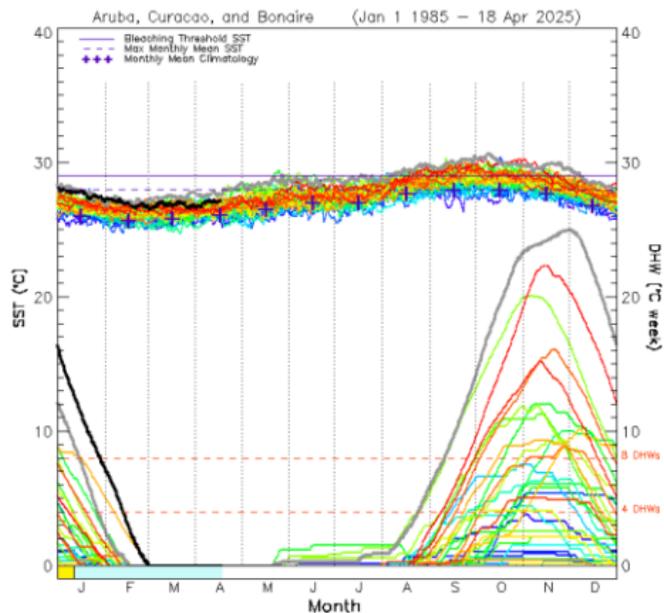
# National Climate Resilience Council (NCRC)



# Warming Oceans & Marine Heat



# Intensifying & Accelerating



Bleaching Alert Levels for 2025

# Project CORVI

- Environmental security initiative developed by the Stimson Center, Washington DC.
- Integrated framework to assess resilience to climate and ocean risks.
- CORVI distinguishes three main risk dimensions across 10 risk categories



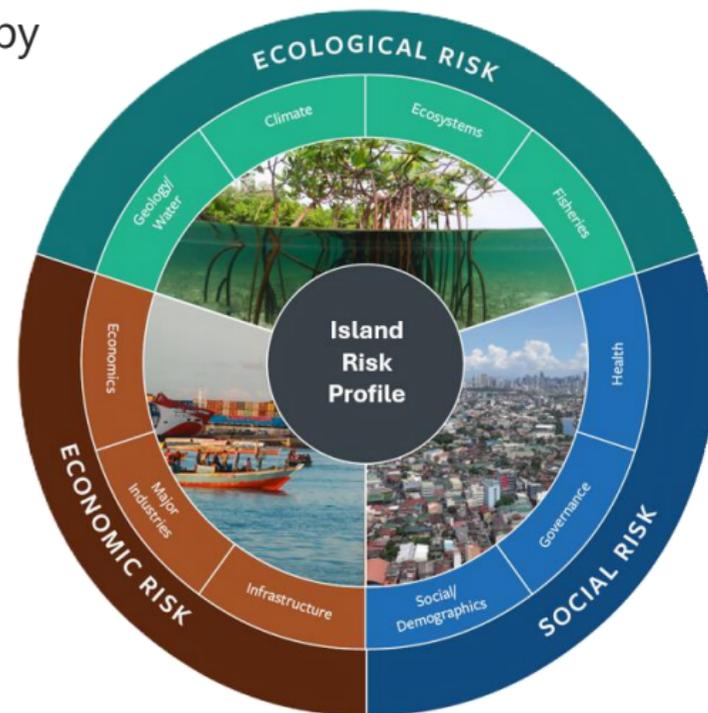
Legend

● - Full assessment

▲ - Rapid assessment

■ - Completed

■ - In-progress





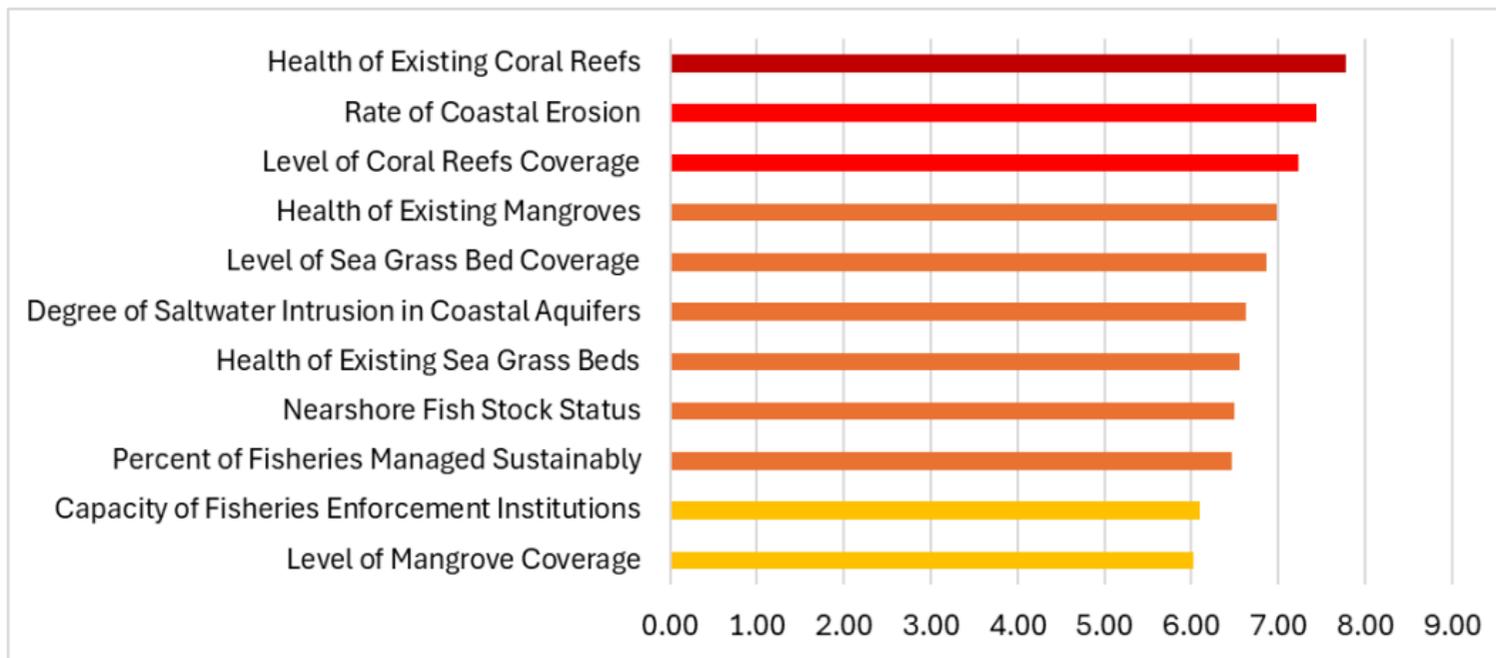
# Ocean & Marine Habitats at Risk

Preliminary insights



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# Mapping Aruba's Climate Impacts

Climate Impact Atlas  
Aruba

HOME MAPS MAP EXPLANATIONS CLIMATE STATISTICS STORIES

Search 

## Maps

The map viewer for Aruba contains all the maps with a brief explanation.

[Read more](#)



## Map explanations

The map explanations provide background information to the main maps.

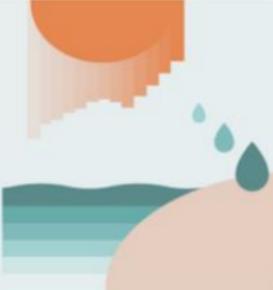
[Read more](#)



## Statistics

Infographics on changes in temperature, hurricanes, precipitation and sea level rise.

[Read more](#)



## Stories

The stories provide illustrative narratives of key climate impacts and potential solutions.

[Read more](#)



# Marine & Ocean Maps

Mangrove ecosystems



Seagrass beds



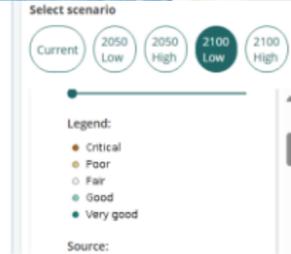
View map layers

Select scenario

- Current
- 2050 Low
- 2050 High

- 19-20 °C
- 20-21 °C
- 21-22 °C
- 22-23 °C
- 23-24 °C
- 24-25 °C
- 25-26 °C
- 26-27 °C
- > 27 °C

Sea surface temperature



Select scenario

- Current
- 2050 Low
- 2050 High
- 2100 Low
- 2100 High

Legend:

- Critical
- Poor
- Fair
- Good
- Very good

Source:



# Ocean Governance





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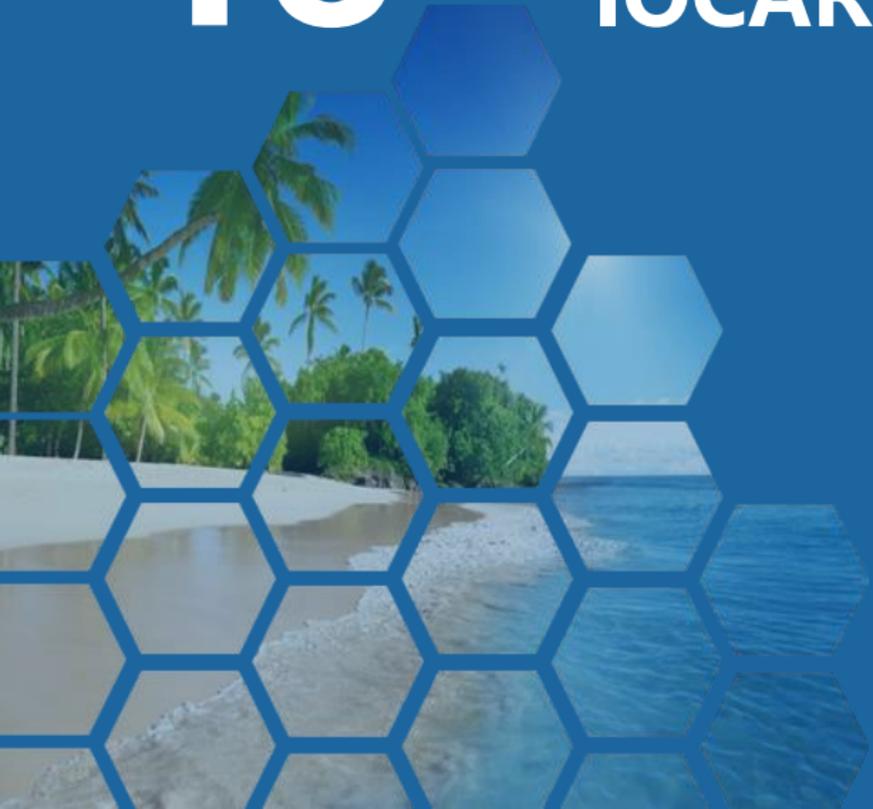


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**THANK YOU  
MUCHAS GRACIAS  
MERCI BEAUCOUP**