



CONSEJO DE
CAMBIO CLIMÁTICO

PUERTO RICO

Informe del Consejo de Cambio Climático de Puerto Rico

Ernesto Díaz

Coordinador Científico PRCCC

INFORME DEL PRCCC SOBRE EL ESTADO DEL CLIMA 2023



Ernesto L. Díaz, MSEM
Science Coordinator

PRCCC Consejo de Cambio Climático de Puerto Rico

DESCARGUE LA AGENDA DE LA CUMBRE CLICANDO AQUÍ

XII REUNIÓN CUMBRE

Ciencia, comunidades y justicia climática

Agenda de XII Reunión Cumbre

19 de mayo 2023

Hotel Embassy Suites Carolina, P.R.

The banner features a background of a blue sky with white clouds and a blue ocean at the bottom. The PRCCC logo and name are on the left. A circular button with a clipboard icon and a checkmark is on the right, with the text 'DESCARGUE LA AGENDA DE LA CUMBRE CLICANDO AQUÍ'. The main title 'XII REUNIÓN CUMBRE' is in large green letters, with the subtitle 'Ciencia, comunidades y justicia climática' below it. At the bottom, there are three white boxes: a calendar icon with '19 de mayo 2023', a location pin icon with 'Hotel Embassy Suites Carolina, P.R.', and a dark blue box with 'Agenda de XII Reunión Cumbre' in white text.

Puerto Rico Climate Change Council



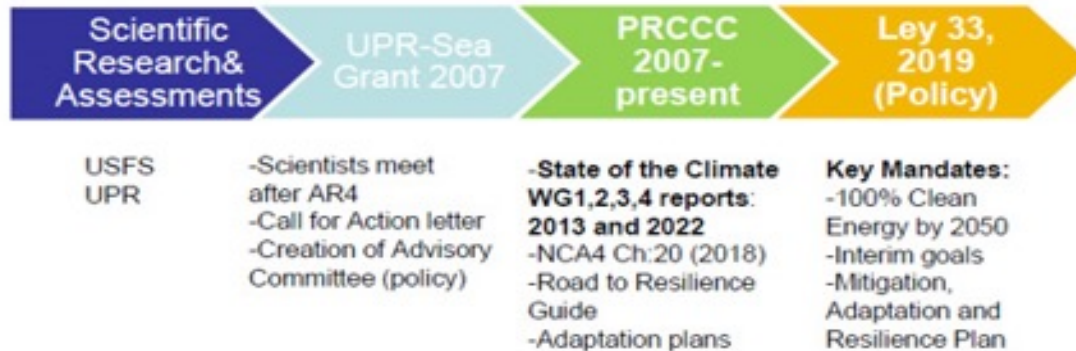
Mission

The PRCCC is a voluntary association self-convened since 2009,

...to assess the state of Puerto Rico's climate, using the best science and knowledge available, understand Puerto Rico's social-ecological vulnerabilities and develop adaptation strategies to build a resilient society.

Membership: 120 +

Science – Policy – Implementation



FROM POLICY TO ACTION

- Law 17 / Law 33 milestones?
- Land Use Plan milestones?
- Sectoral Plans?
- State and municipal mitigation plans?
- Regulations and Building codes?
- FEMA Recovery Plan
- CDBG-MIT Action Plan
- CDBG-DR Program



Geophysical and Chemical Scientific Knowledge

Ecology and Biodiversity

Communicating Climate Change and Coastal Hazards

Society and Economy



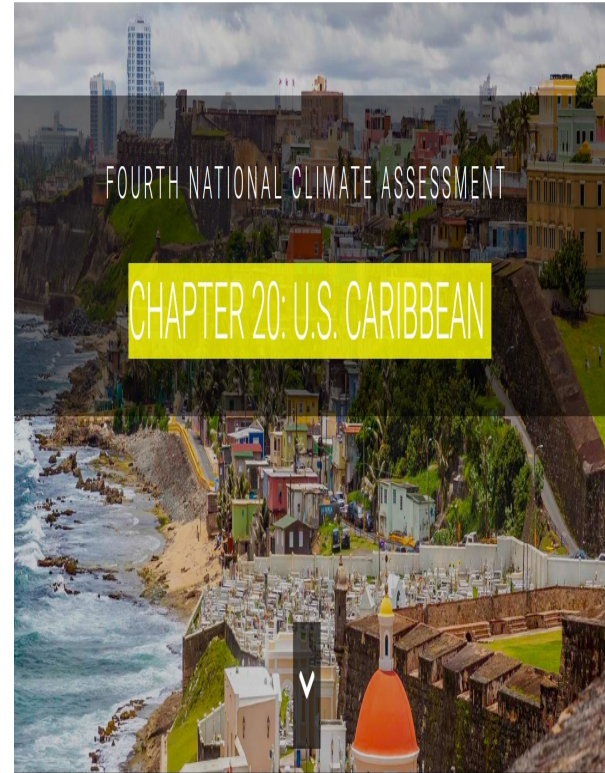
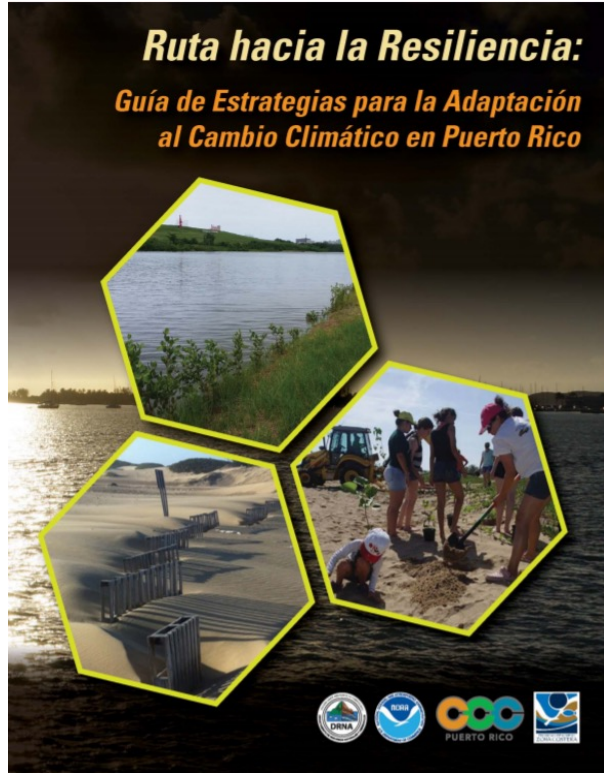
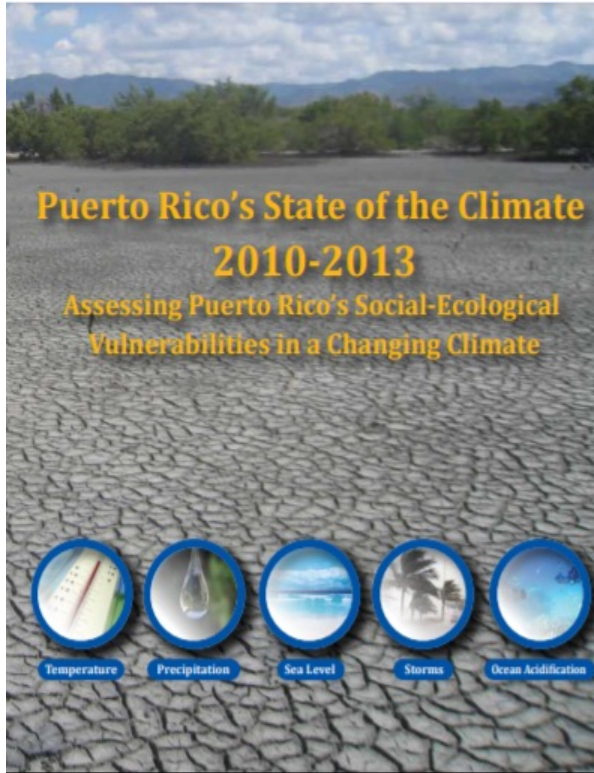
CARICOOS



Puerto Rico Climate Change Council



PUERTO RICO

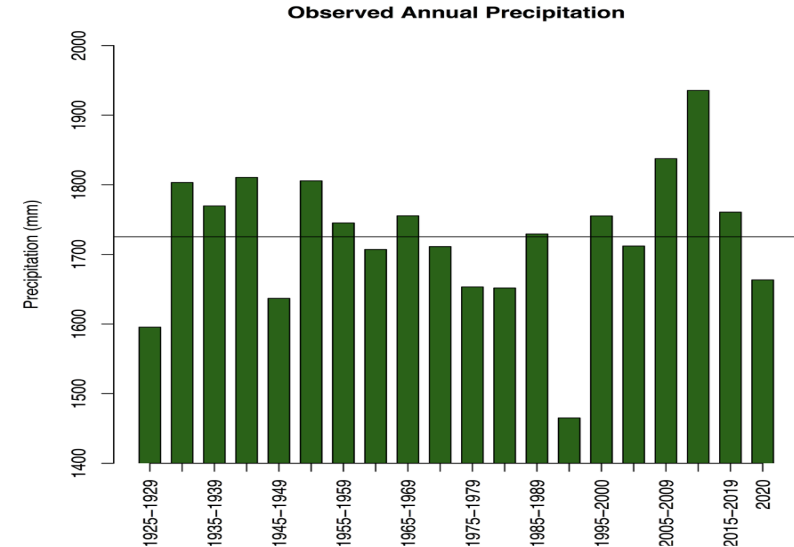


The Fifth National Climate Assessment

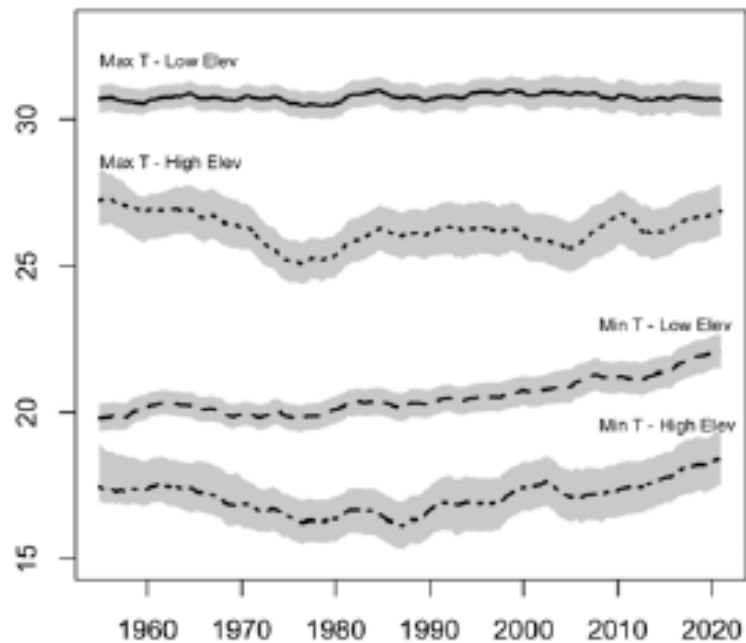
Temperature, Precipitation, Cyclones

Scenario	Near term, 2021–2040		Mid-term, 2041–2060		Long term, 2081–2100	
	Best estimate (°C)	Very likely range (°C)	Best estimate (°C)	Very likely range (°C)	Best estimate (°C)	Very likely range (°C)
SSP1-1.9	1.5	1.2 to 1.7	1.6	1.2 to 2.0	1.4	1.0 to 1.8
SSP1-2.6	1.5	1.2 to 1.8	1.7	1.3 to 2.2	1.8	1.3 to 2.4
SSP2-4.5	1.5	1.2 to 1.8	2.0	1.6 to 2.5	2.7	2.1 to 3.5
SSP3-7.0	1.5	1.2 to 1.8	2.1	1.7 to 2.6	3.6	2.8 to 4.6
SSP5-8.5	1.6	1.3 to 1.9	2.4	1.9 to 3.0	4.4	3.3 to 5.7

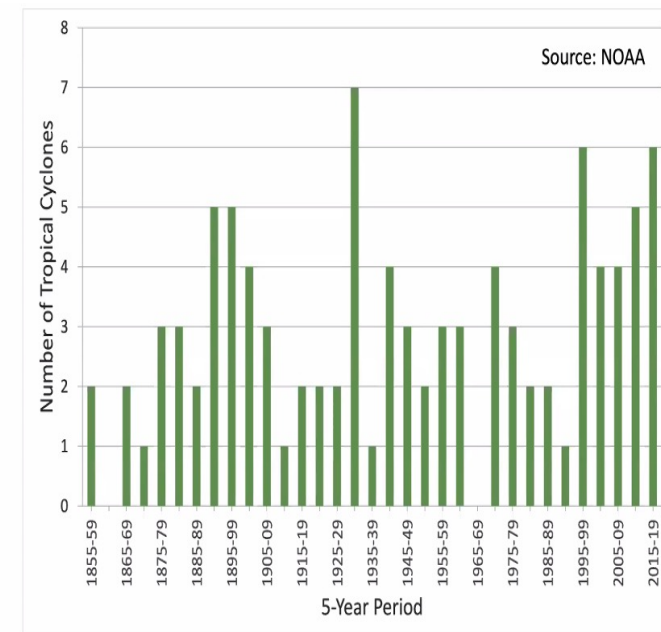
IPCC - AR 6



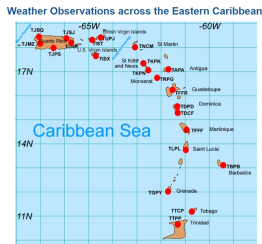
Puerto Rico Maximum and Minimum Temperature (°C) at High and Low Elevations



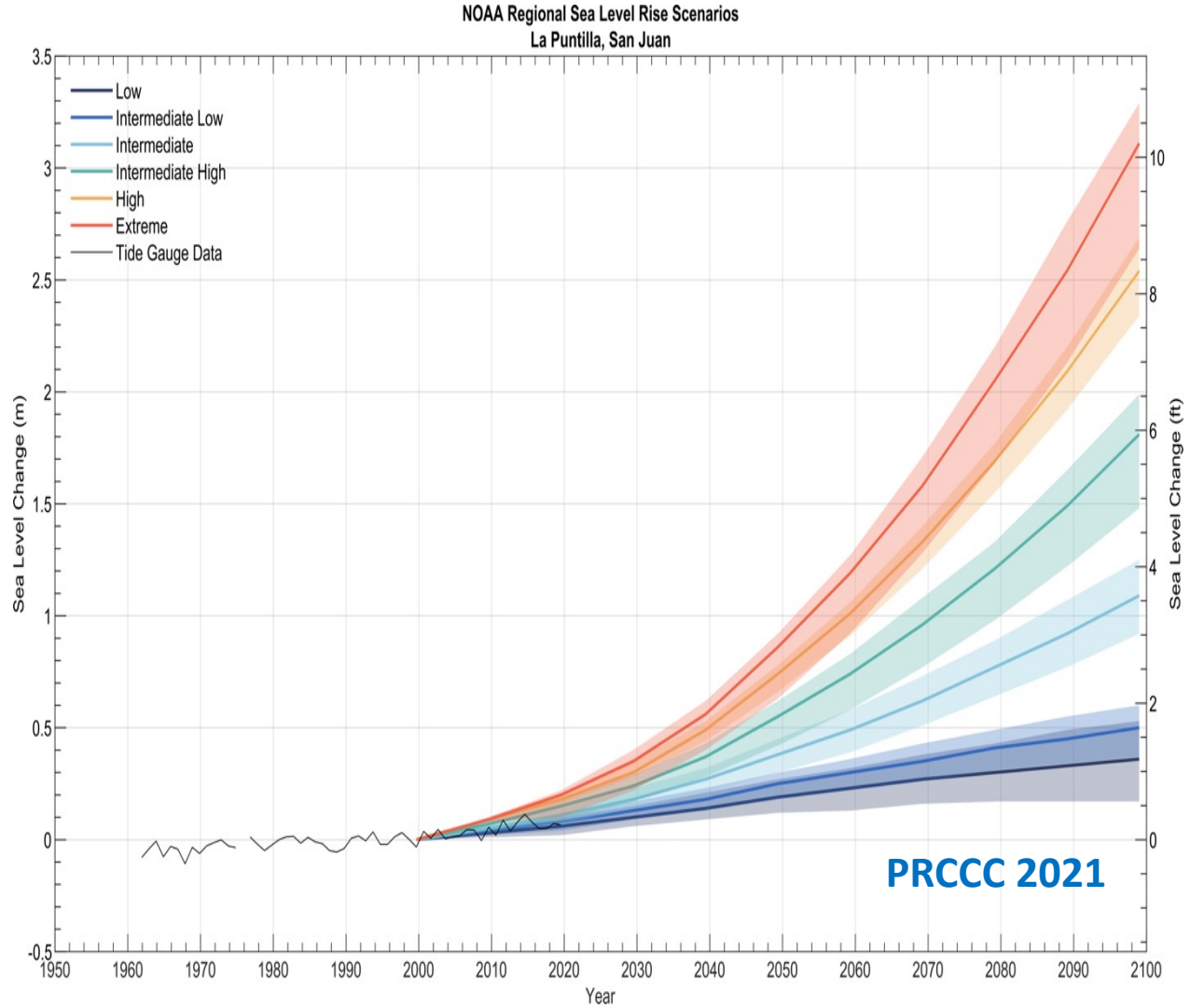
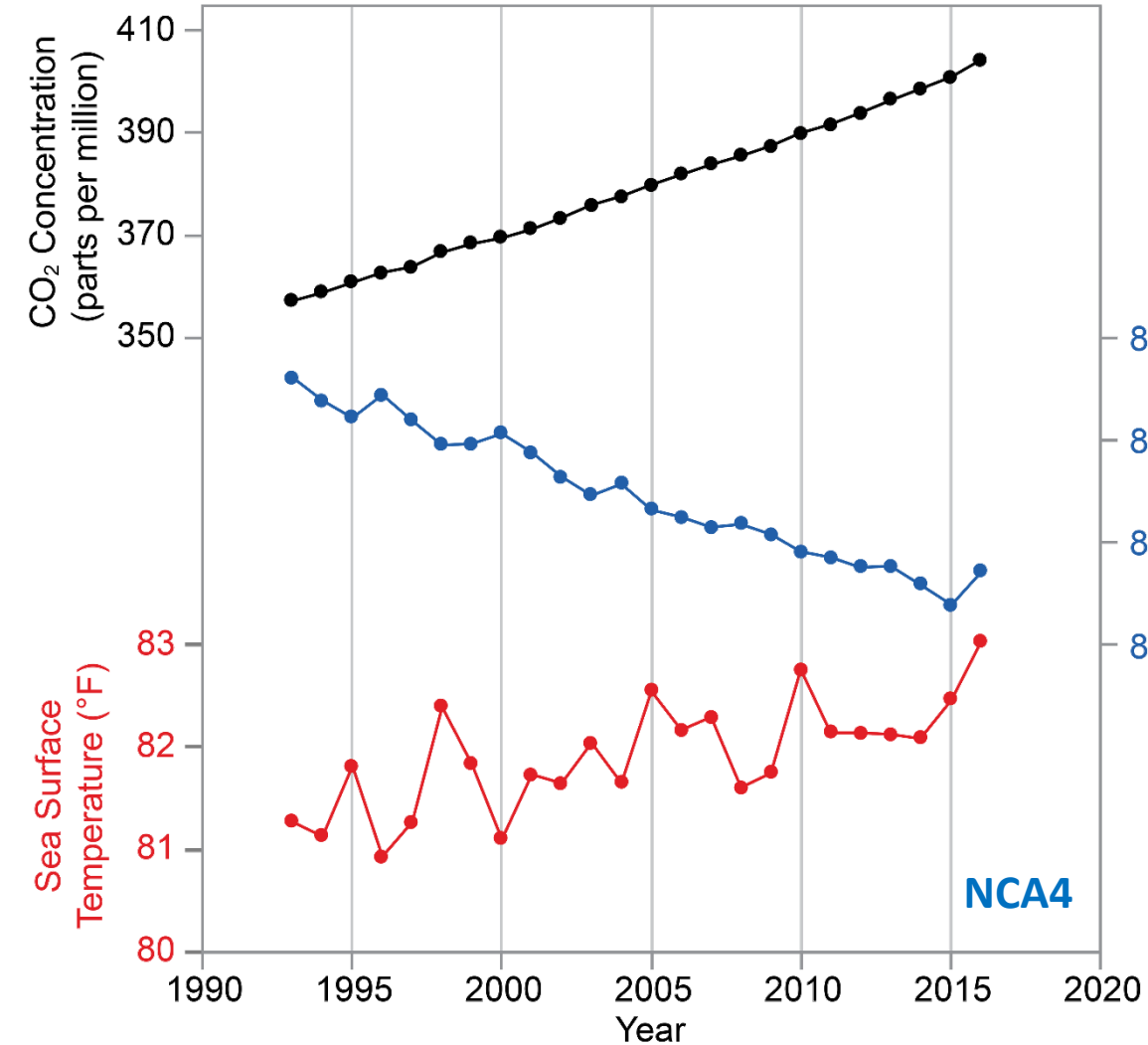
PRCCC 2021
(Method: Brohan et al., 2006)



Tropical Cyclones in US Caribbean – Active Pattern Over Last 25 Years



[CO₂]_{atm}, Ocean pH, SST and SLR





Rincón



Mayagüez



Barceloneta



Ocean Park



Palmas del Mar



Punta Tuna

INDICADORES DE CAMBIO CLIMÁTICO PARA PUERTO RICO



LLUVIA PROMEDIO



LLUVIAS EPISÓDICAS



TORMENTAS Y HURACANES



TEMPERATURA TERRESTRE



NIVEL DEL MAR



TEMPERATURA DEL MAR



ACIDIFICACIÓN (pH)



PRCCC

NUEVO PORTAL

Espacio rediseñado
al alcance de todos





CLIMATE CHANGE COUNCIL
PUERTO RICO

PRCCC
NUEVO PORTAL

Sobre nosotros



Colaboradores

Home

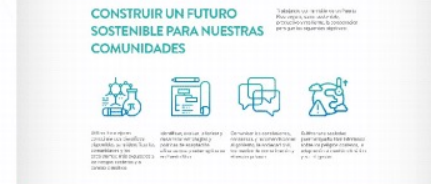


News & Media

News & Media
(Búsqueda avanzada)

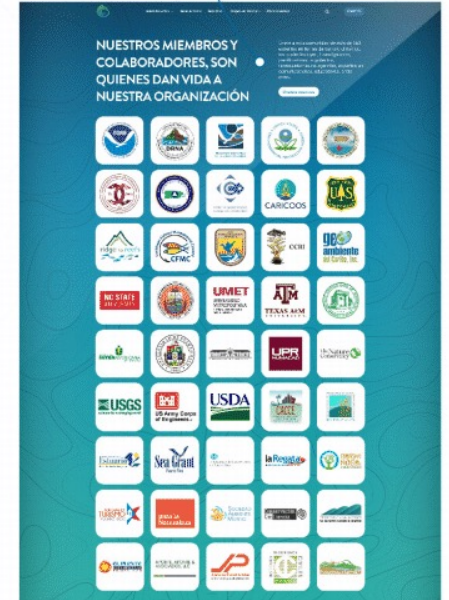


"Uno de nuestros objetivos principales es proveer oportunidades y espacios para facilitar la comunicación entre múltiples sectores sobre temas de vulnerabilidad costera y adaptación al cambio climático."



Únete a la red de expertos y colaboradores para que juntos podamos desarrollar estrategias para enfrentar el cambio climático.

La selección se basa en la experiencia y las recomendaciones de los participantes actuales, lo que garantiza que el PRCCC crezca constantemente con las mejores mentes del sector.



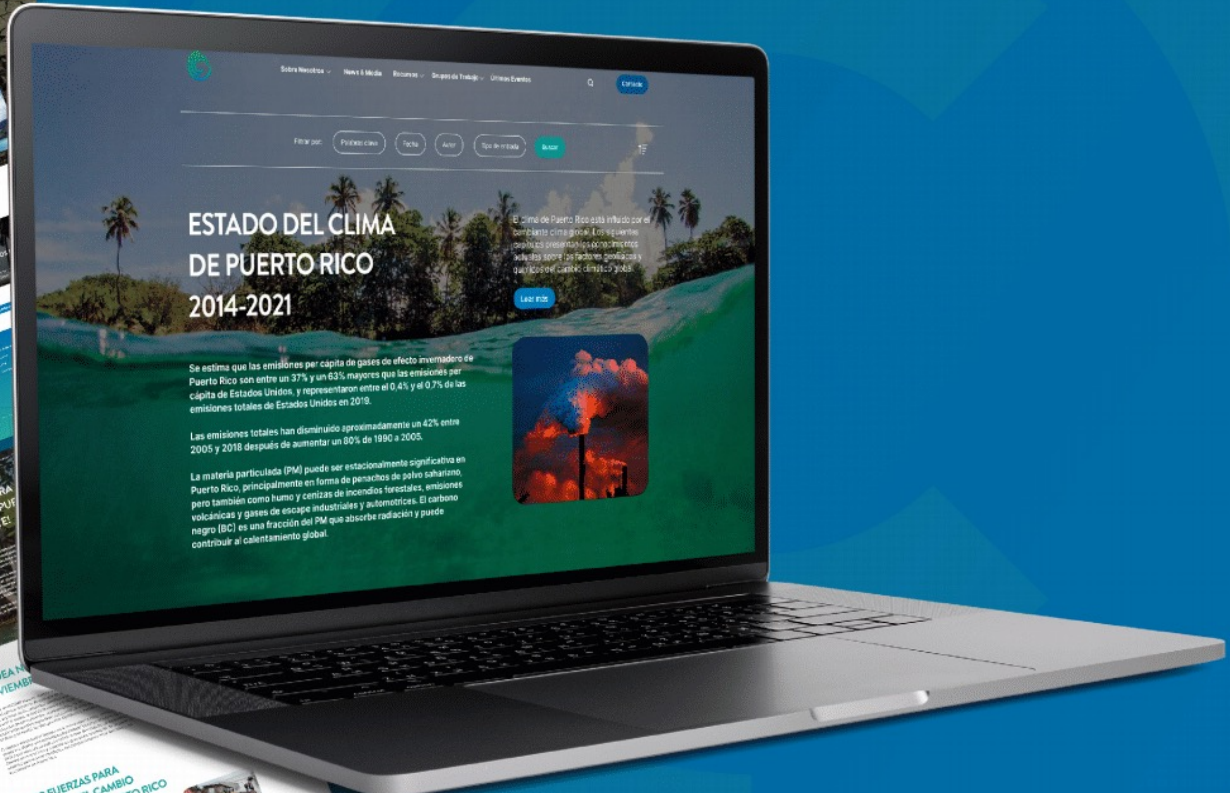
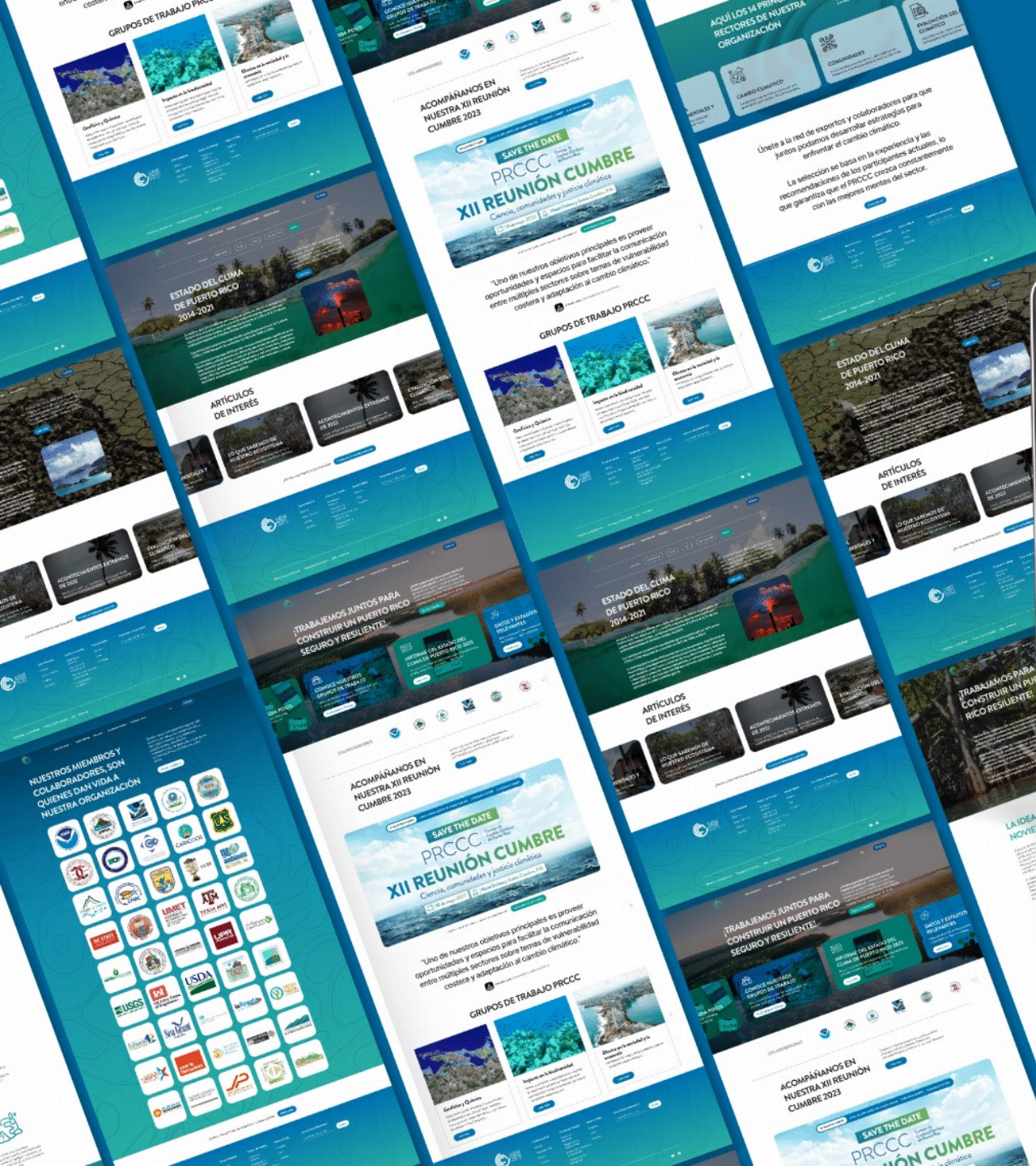


INTUITIVO | SIMPLE | RESPONSIVO





OPTIMIZADO PARA DISPOSITIVOS MÓVILES





CONSEJO DE
CAMBIO CLIMÁTICO

PUERTO RICO