



CLIMATE  
CHANGE  
COUNCIL  
PUERTO RICO

# PRCCC ANNUAL REPORT

[pr-ccc.org](http://pr-ccc.org)

# Puerto Rico Climate Change Council



*The PRCCC is a voluntary association, self-convened since 2007 with a membership of 120+*

## **Vision**

*A Safe, Healthy, Sustainable, Productive, and Resilient Puerto Rico,*

## **Mission**

*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.*

## **Goals**

- To communicate findings, consensus, and recommendations to government, civil society, the media, and the private sector; and*
- To cultivate a well-informed Puerto Rican society about climate change, coastal hazards, adaptation, and mitigation.*



CONSORCIO DEL  
**Estuario**  
de la Bahía de San Juan



Center for Applied Tropical  
Ecology and Conservation



SOCIEDAD  
PUERTORRIQUEÑA  
DE PLANIFICACIÓN



The Nature  
Conservancy  
Protecting nature. Preserving life.



PUERTO RICO  
HOTEL & TOURISM  
ASSOCIATION



CVMBIO



INGENIEROS  
INSTITUTO  
CIAPR  
Fundado en 1972

## Geophysical and Chemical Scientific Knowledge

**Ecology and Biodiversity**

CARICOOS

USGS  
for a changing world

INTERNATIONAL  
INSTITUTE OF TROPICAL FORESTRY

CFMC

**Communicating  
Climate Change  
and Coastal  
Hazards**

TETRA TECH

CCRI

Estudios  
Técnicos  
Inc.  
Estrategias | Soluciones

## Society and Economy

**Ecology and Biodiversity**

NOAA  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
U.S. DEPARTMENT OF COMMERCE

UNIVERSIDAD DE PUERTO RICO  
CAAM

U.S. FISH & WILDLIFE SERVICE

Bañía de Jobos  
Un estuario  
diferente...

**Communicating  
Climate Change  
and Coastal  
Hazards**

FACTORES DE CUENCAS

Estudios  
Técnicos  
Inc.  
Estrategias | Soluciones

TETRA TECH

**Society and  
Economy**

COMPAÑÍA DE  
TURISMO  
PUERTO RICO

UNIVERSIDAD  
INTERAMERICANA  
DE PUERTO RICO

CIAPR

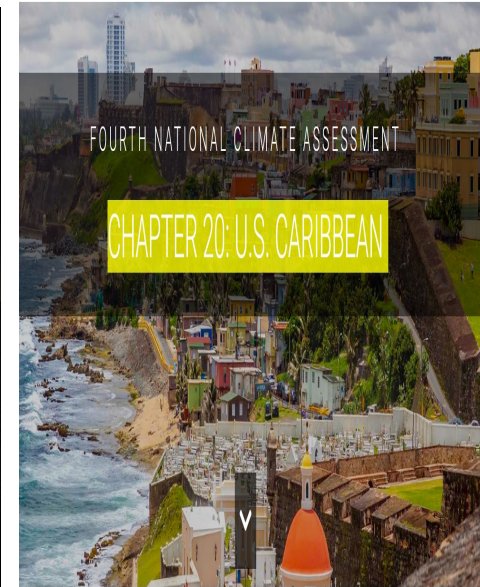
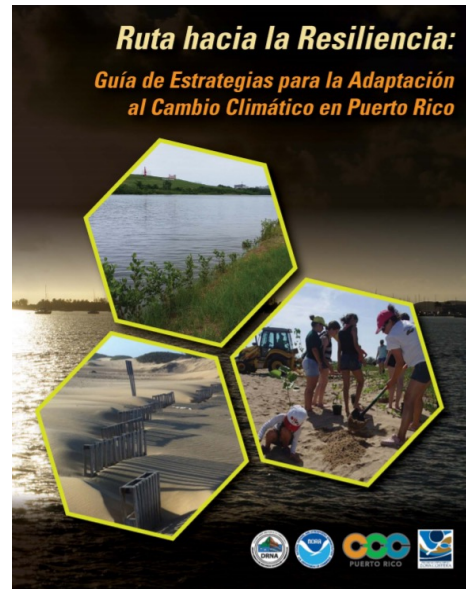
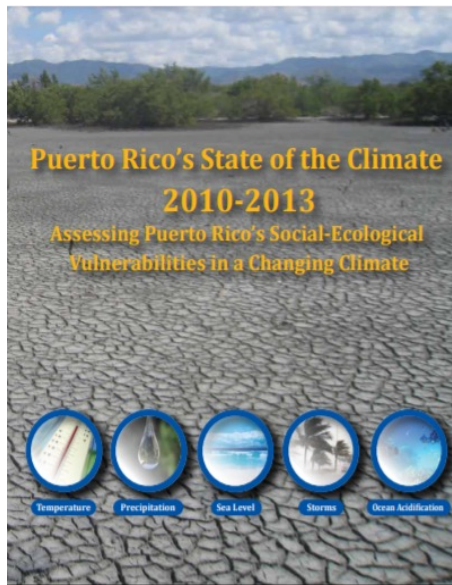
**Ecology and Biodiversity**

GEO  
AMBIENTE

ESTADÍSTICAS

INTERNATIONAL  
INSTITUTE OF TROPICAL FORESTRY

# Puerto Rico Climate Change Council



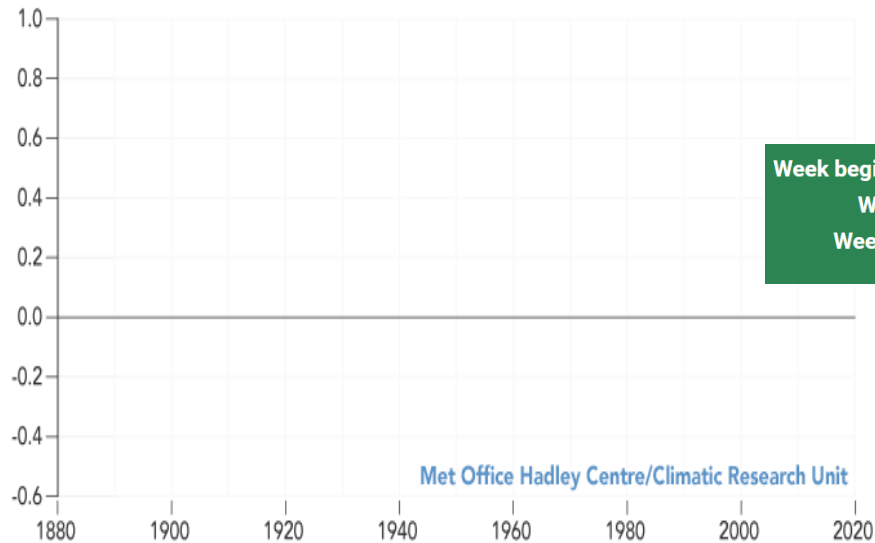
# Global Climate Change



...a change of climate which is attributed directly or indirectly to human activity that alters the composition of the global atmosphere and which is in addition to natural climate variability observed over comparable time periods.

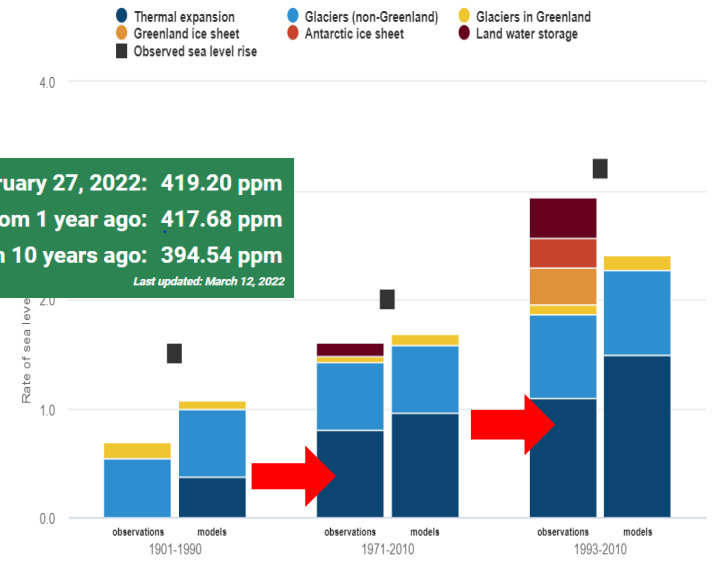
(UNFCCC 1992)

A World of Agreement: Temperatures are Rising  
Global Temperature Anomaly (relative to 1951-1980, °C)

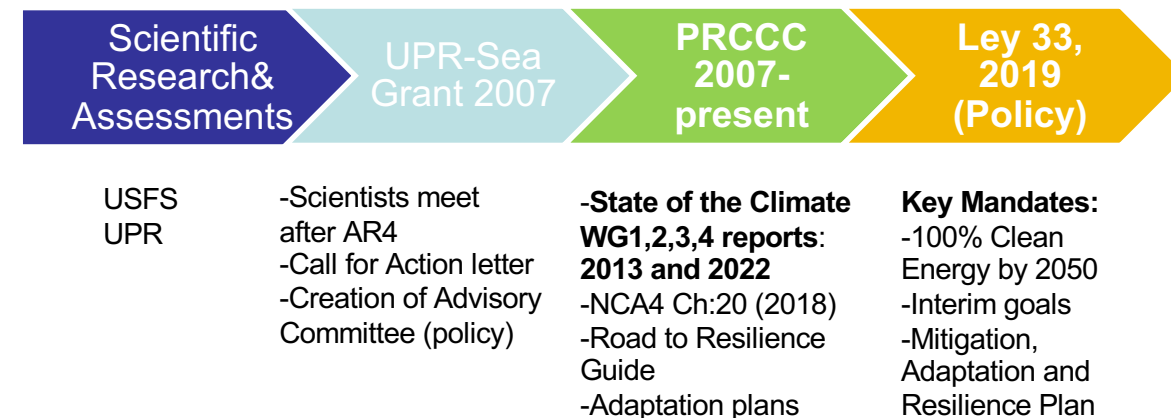
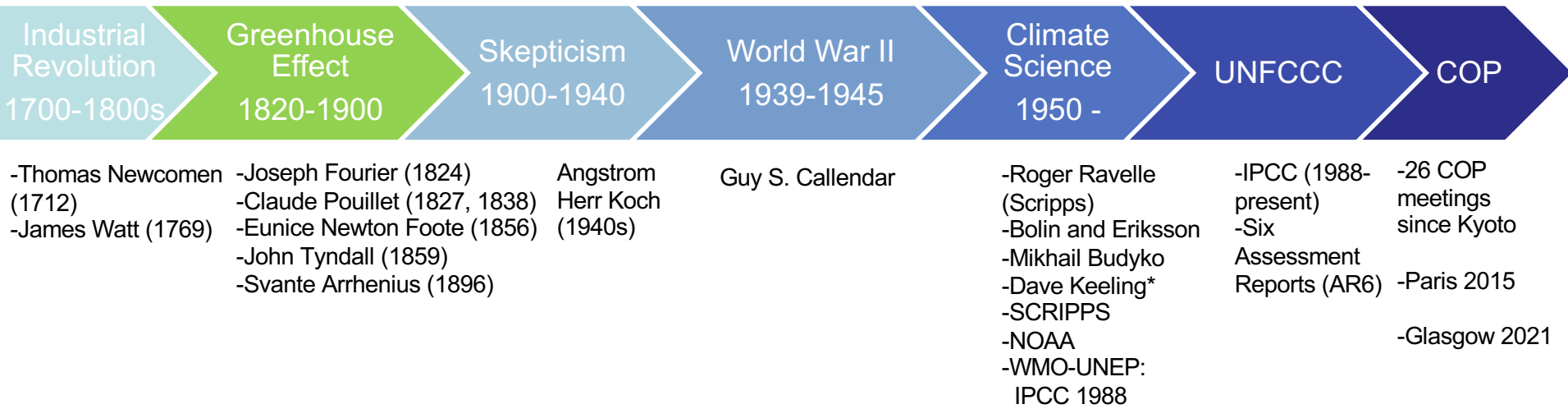


Week beginning on February 27, 2022: 419.20 ppm  
Weekly value from 1 year ago: 417.68 ppm  
Weekly value from 10 years ago: 394.54 ppm  
Last updated: March 12, 2022

Observed and modeled contributions to sea level rise



# 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



FEMA



## ALLOCATED

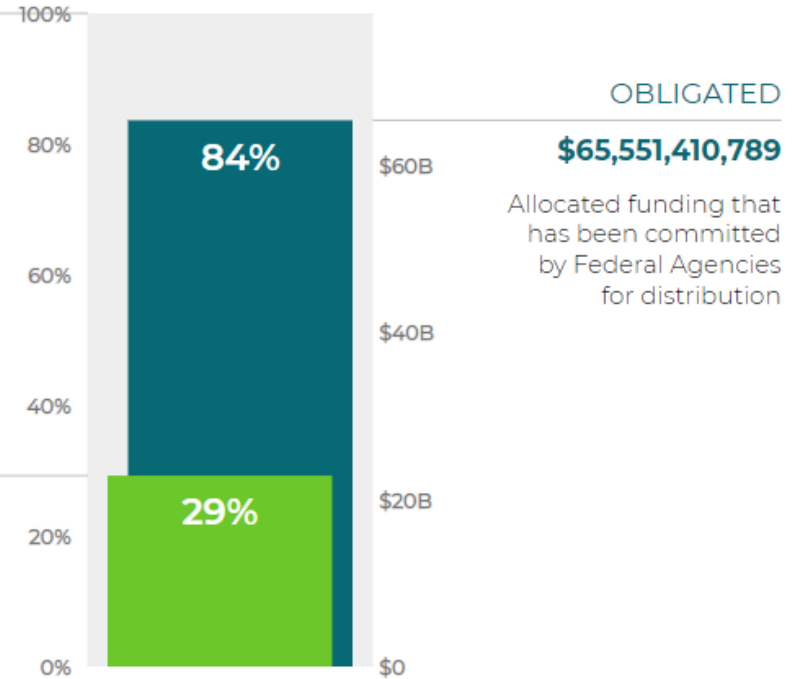
**\$78,381,558,523**

Funding appropriated by Congress for Puerto Rico recovery efforts

## DISBURSED

**\$22,913,699,098**

Obligated funding that has been distributed to Recipients, Subrecipients, and agencies



How are recovery funds distributed?

Content last updated: 03/07/2022

- Translating science into policy takes time and can be frustrating
- Planning and designing based on historic trends increase vulnerability
- Policy implementation requires political will, education and sustainable financing
- Adaptation strategies for built-up/developed areas differ from strategies for undeveloped areas
- Puerto Rico has the data, information, knowledge, policy and funding to build social-ecological resilience.





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CHANGE  
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PUERTO RICO

**¡MUCHAS GRACIAS!**

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CONSEJO DE  
CAMBIO CLIMÁTICO

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PUERTO RICO