

ES-LAT

Adultos



**CLIMATE
FRESK**

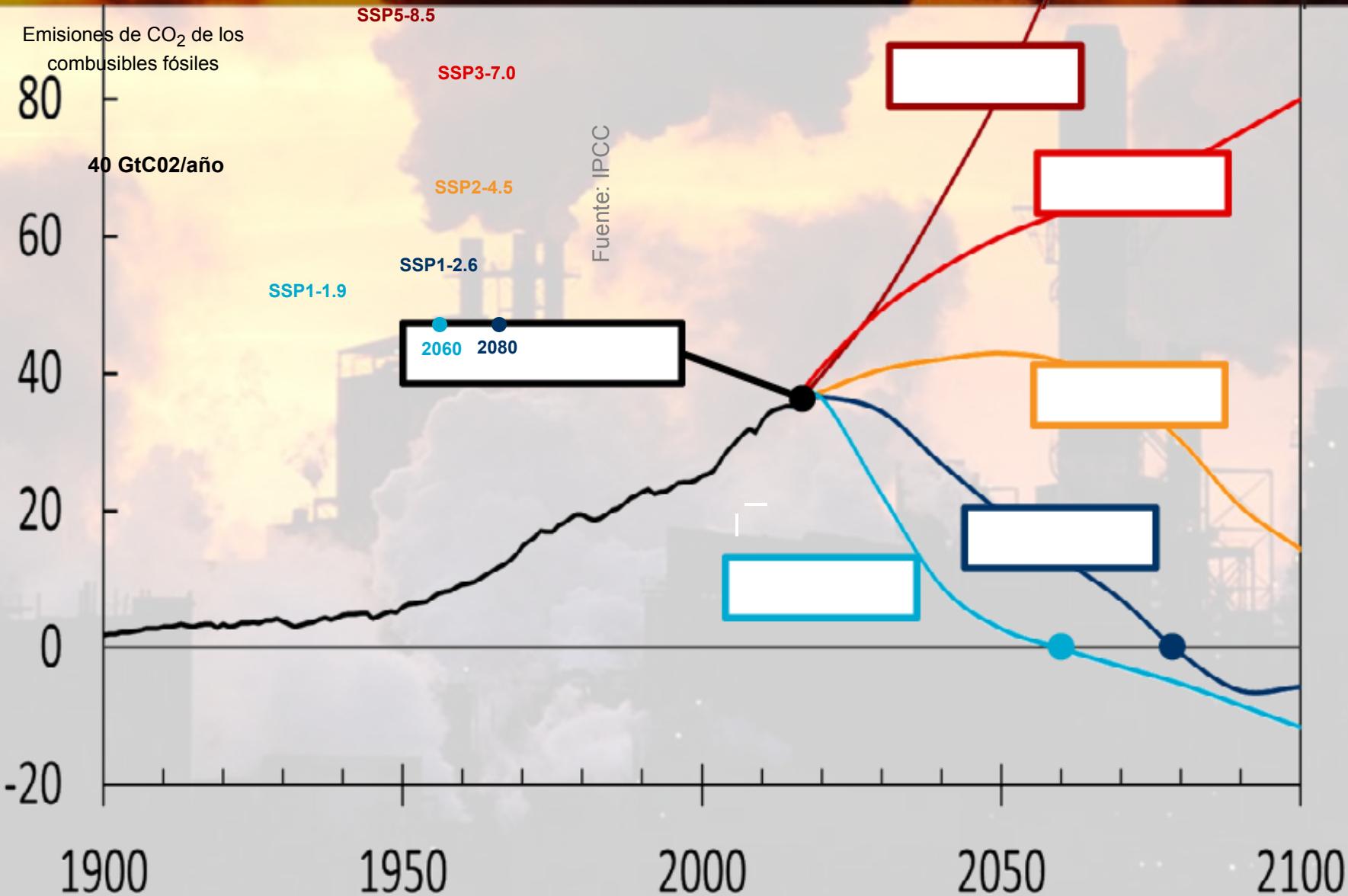
All the cards are in your hands!

Actividades Humanas



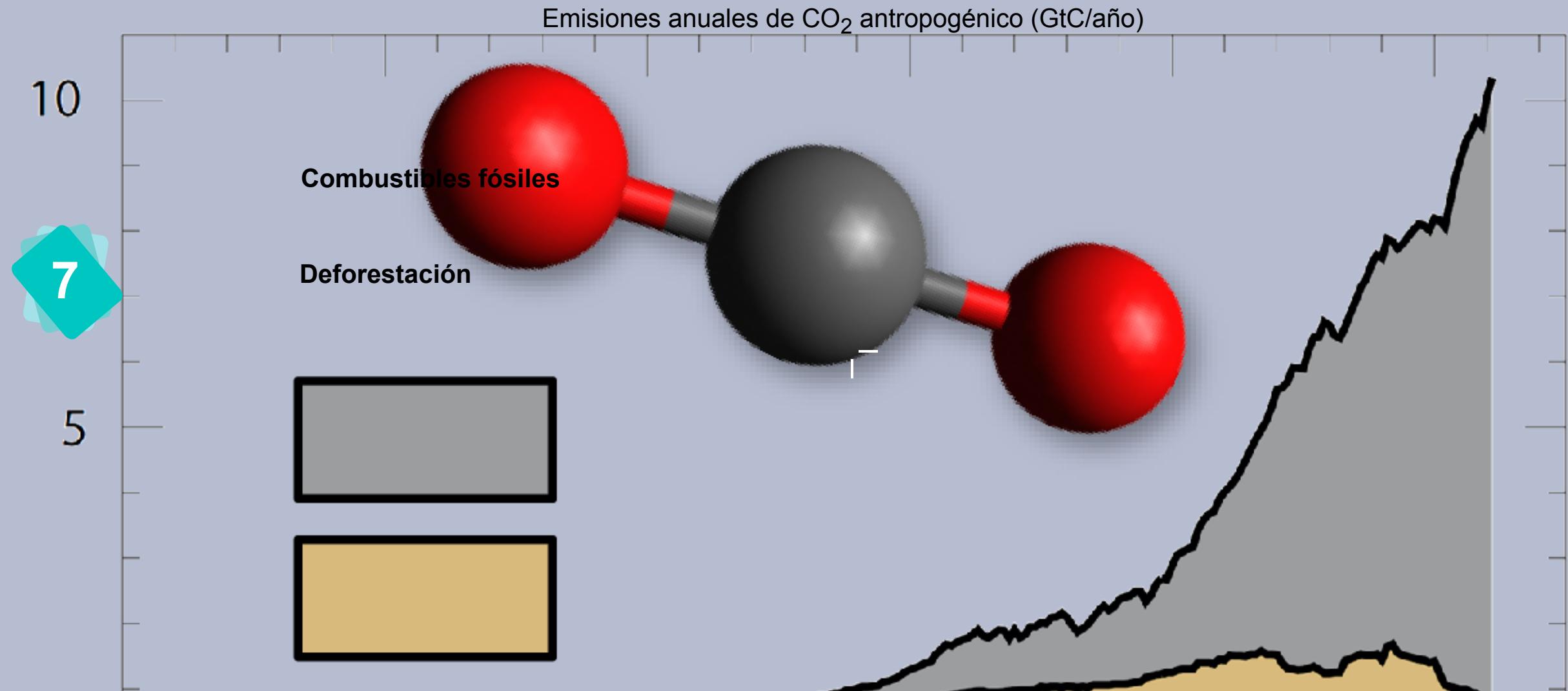
Combustibles fósiles

Miles de millones de toneladas de CO₂ por año

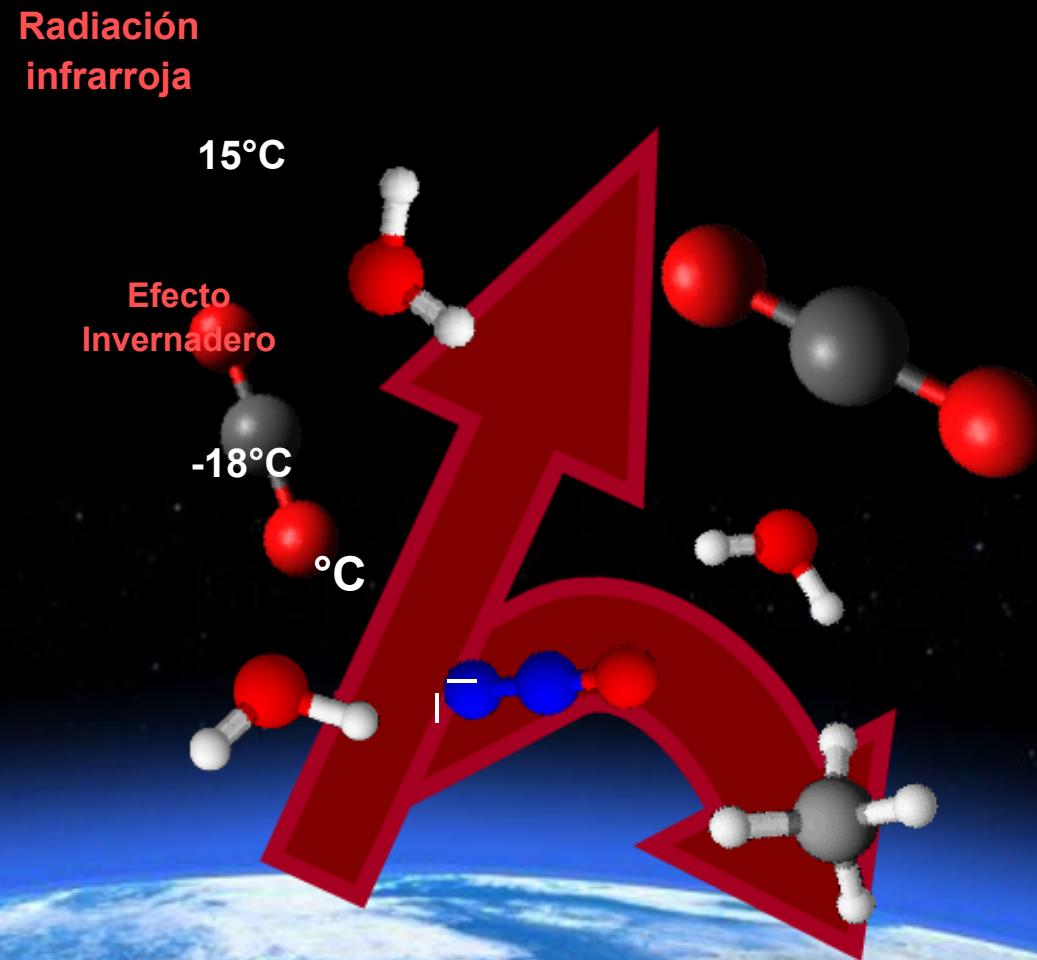
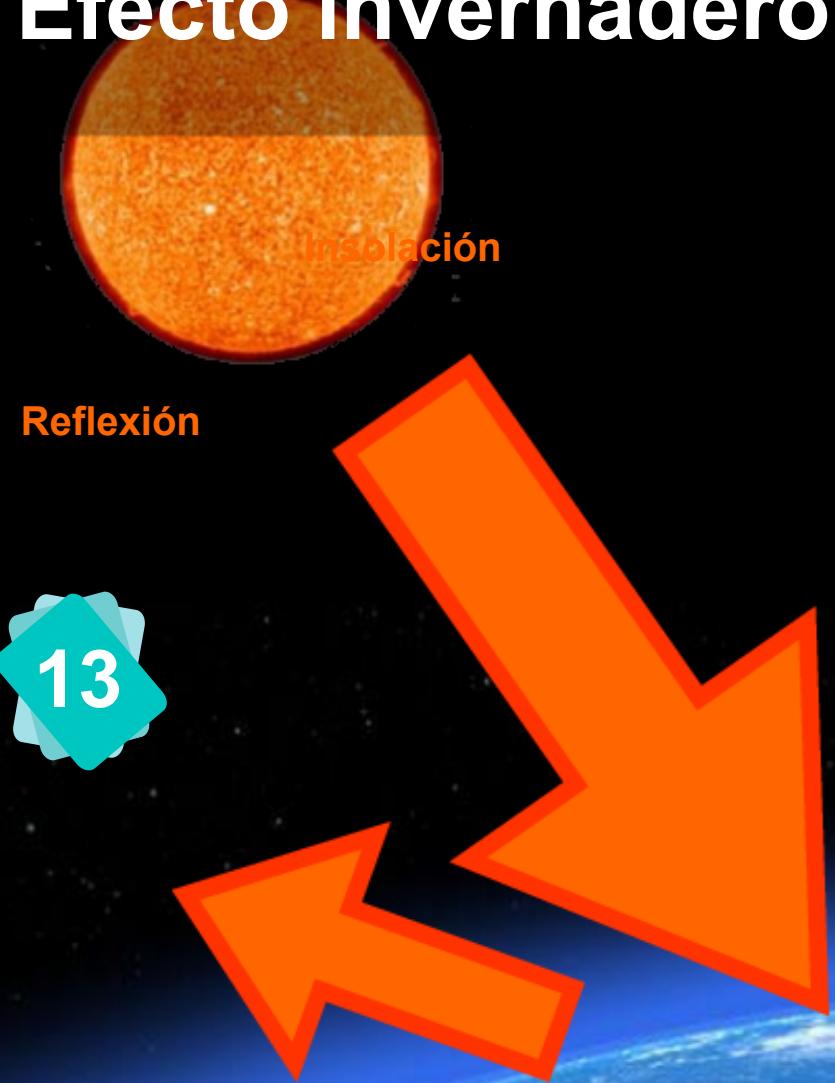


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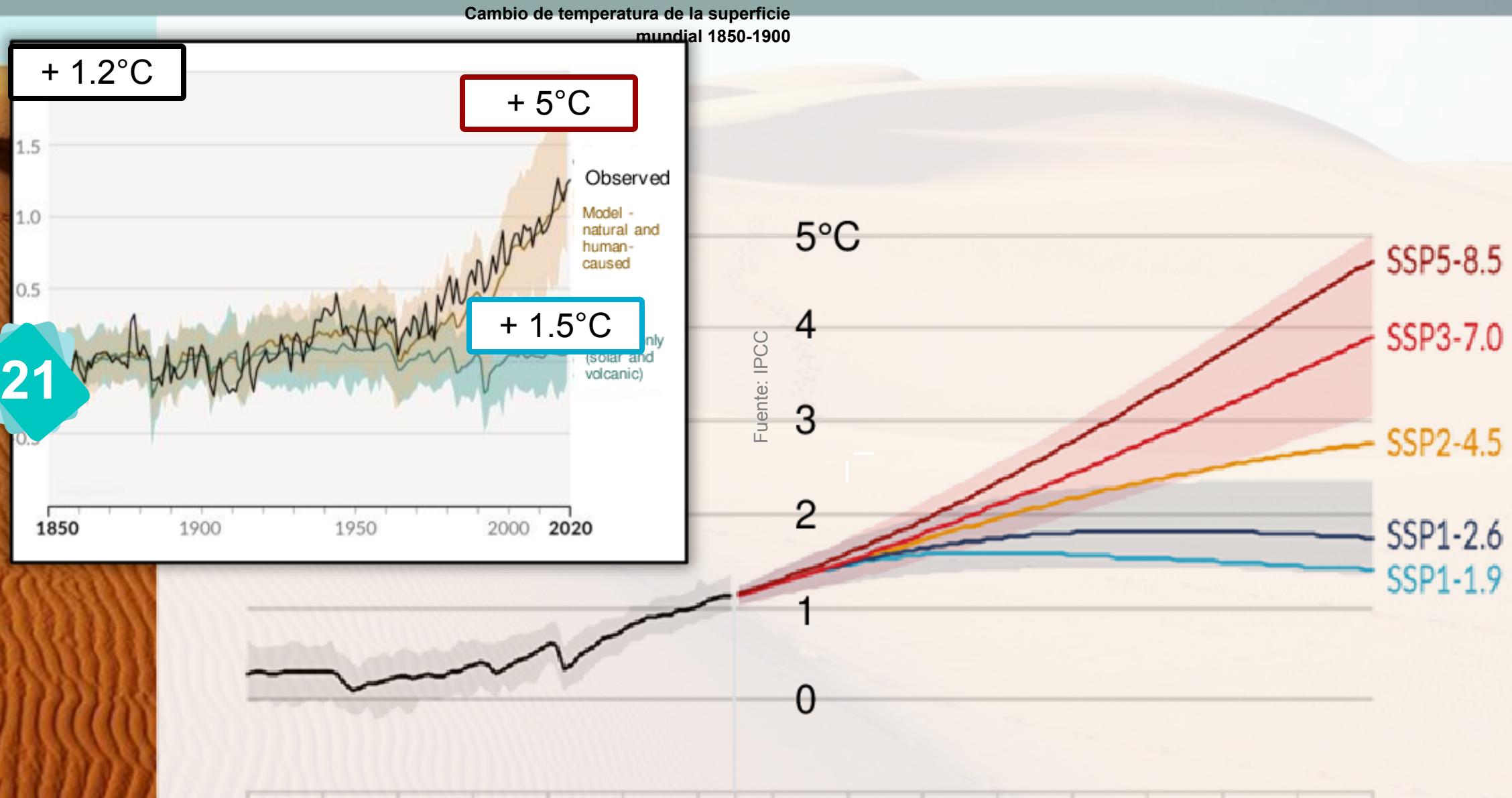
Emisiones de CO₂



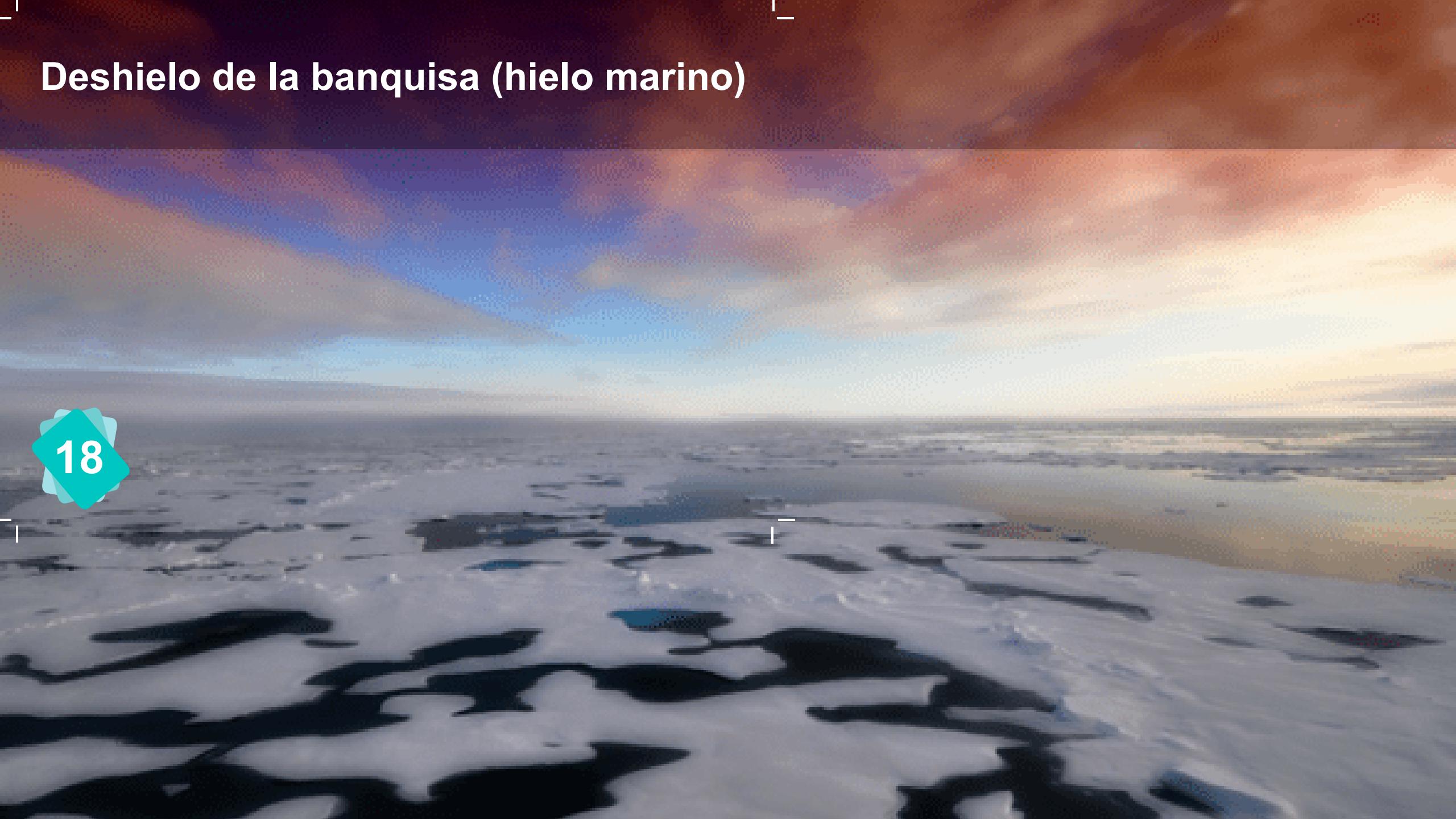
Efecto invernadero adicional



Aumento de la temperatura



Deshielo de la banquisa (hielo marino)

An aerial photograph of a vast, icy landscape under a dramatic sunset sky. The foreground is filled with dark, irregular patches of open water and thinning sea ice. In the distance, a long, thin strip of land or a large group of icebergs is visible, partially obscured by the low-hanging clouds. The sky is a rich tapestry of orange, yellow, and blue, with the sun low on the horizon.

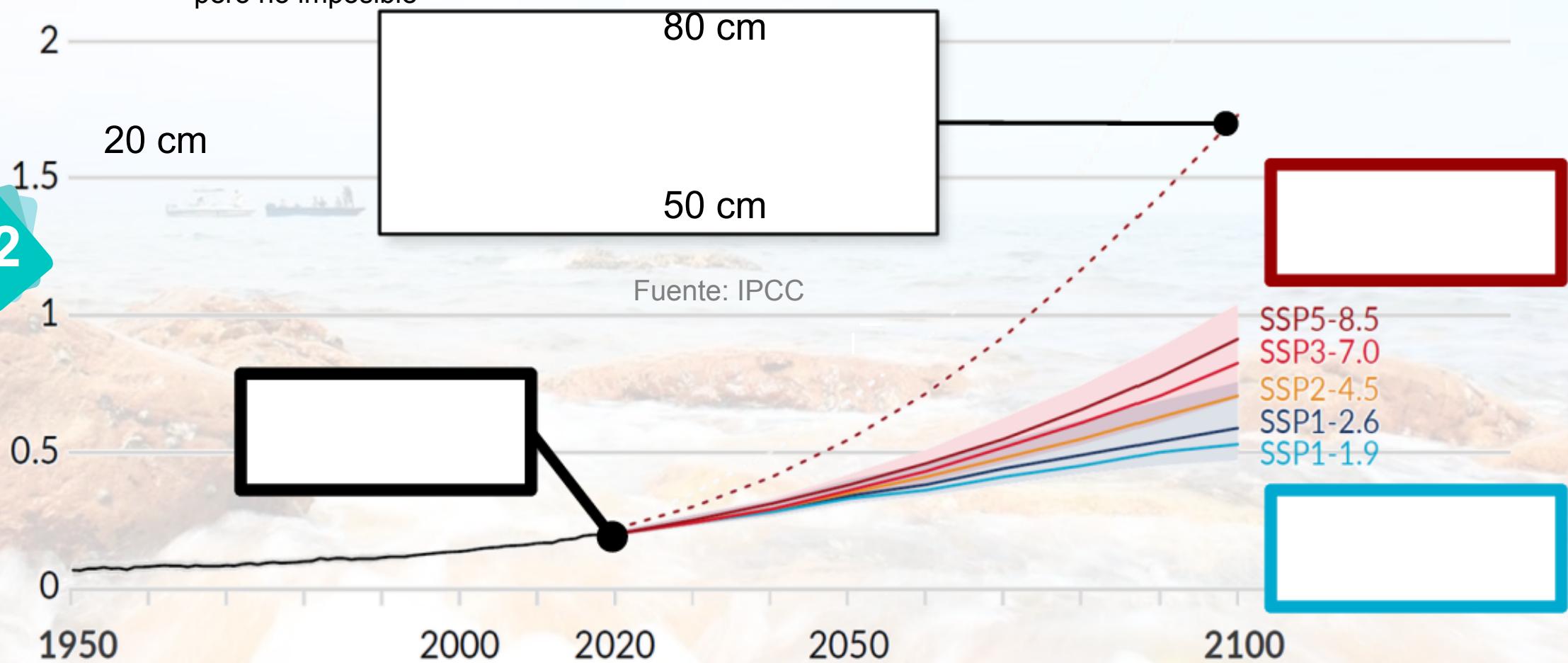
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Aumento del nivel del mar

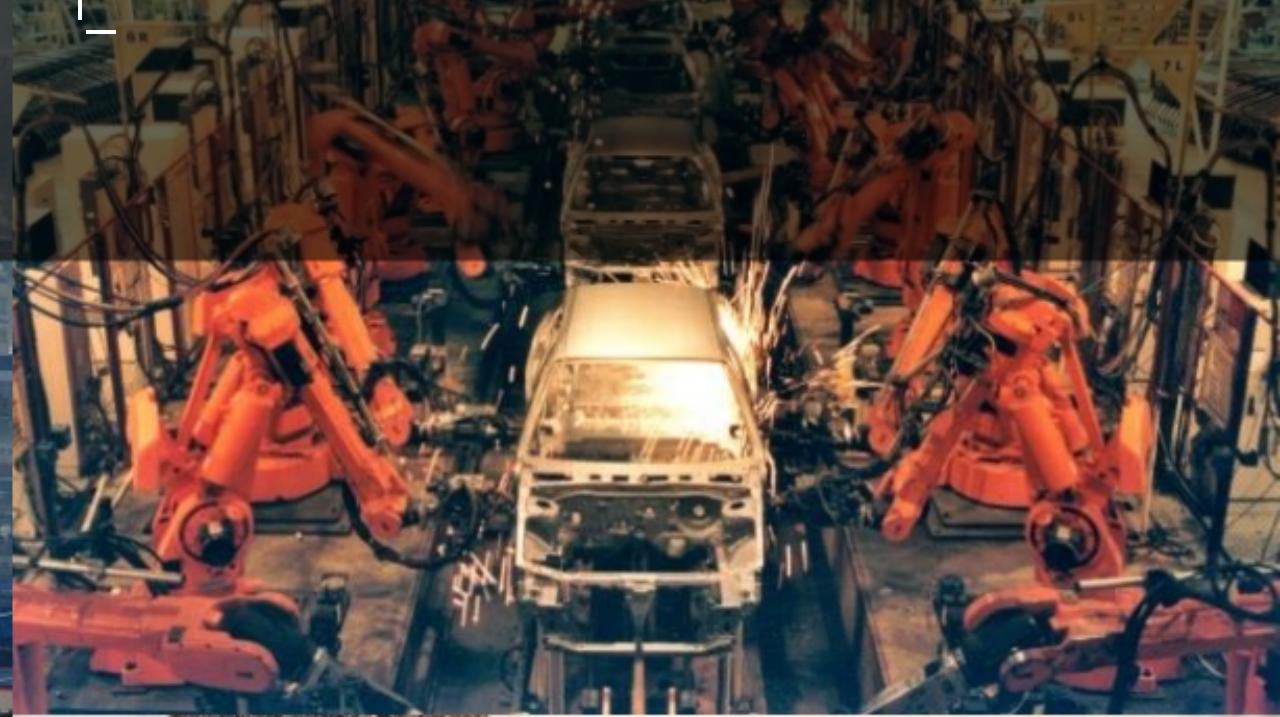
Variación de la media mundial del nivel oceánico desde 1900 (m)

Escenario extremo
pero no imposible

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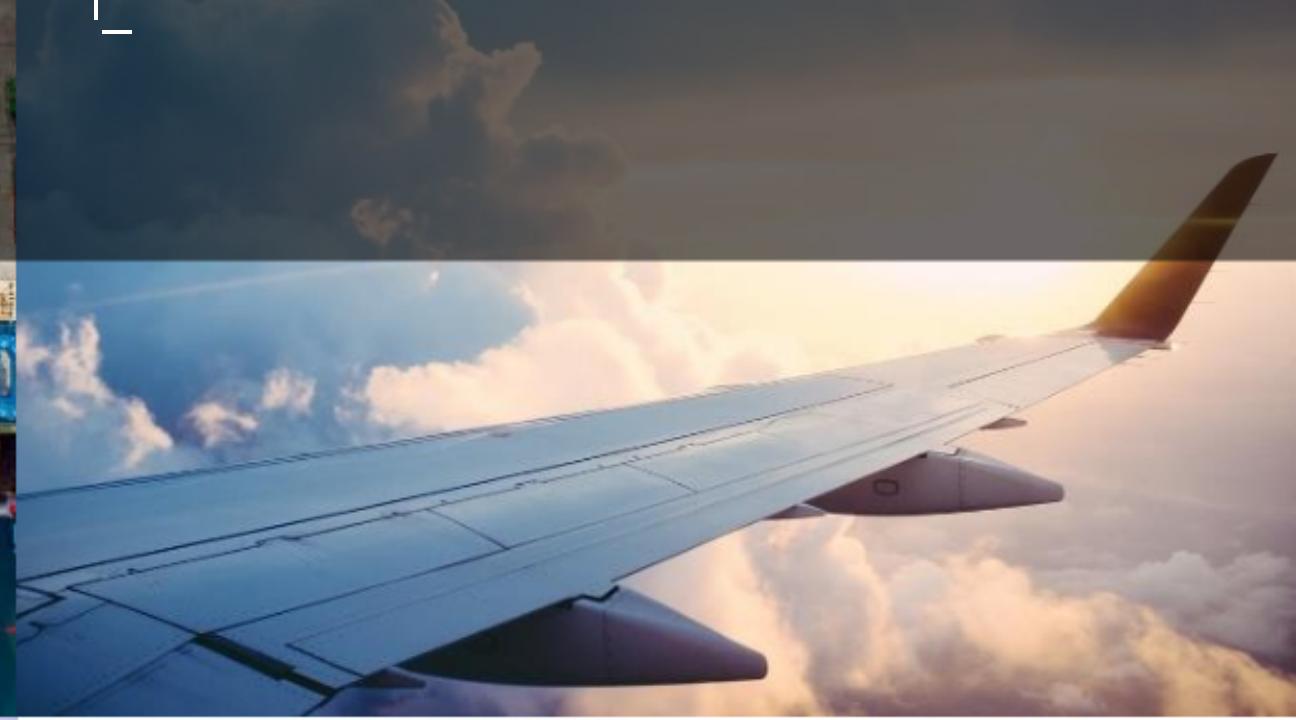
Industria



Uso de los edificios



Transporte



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Deforestación

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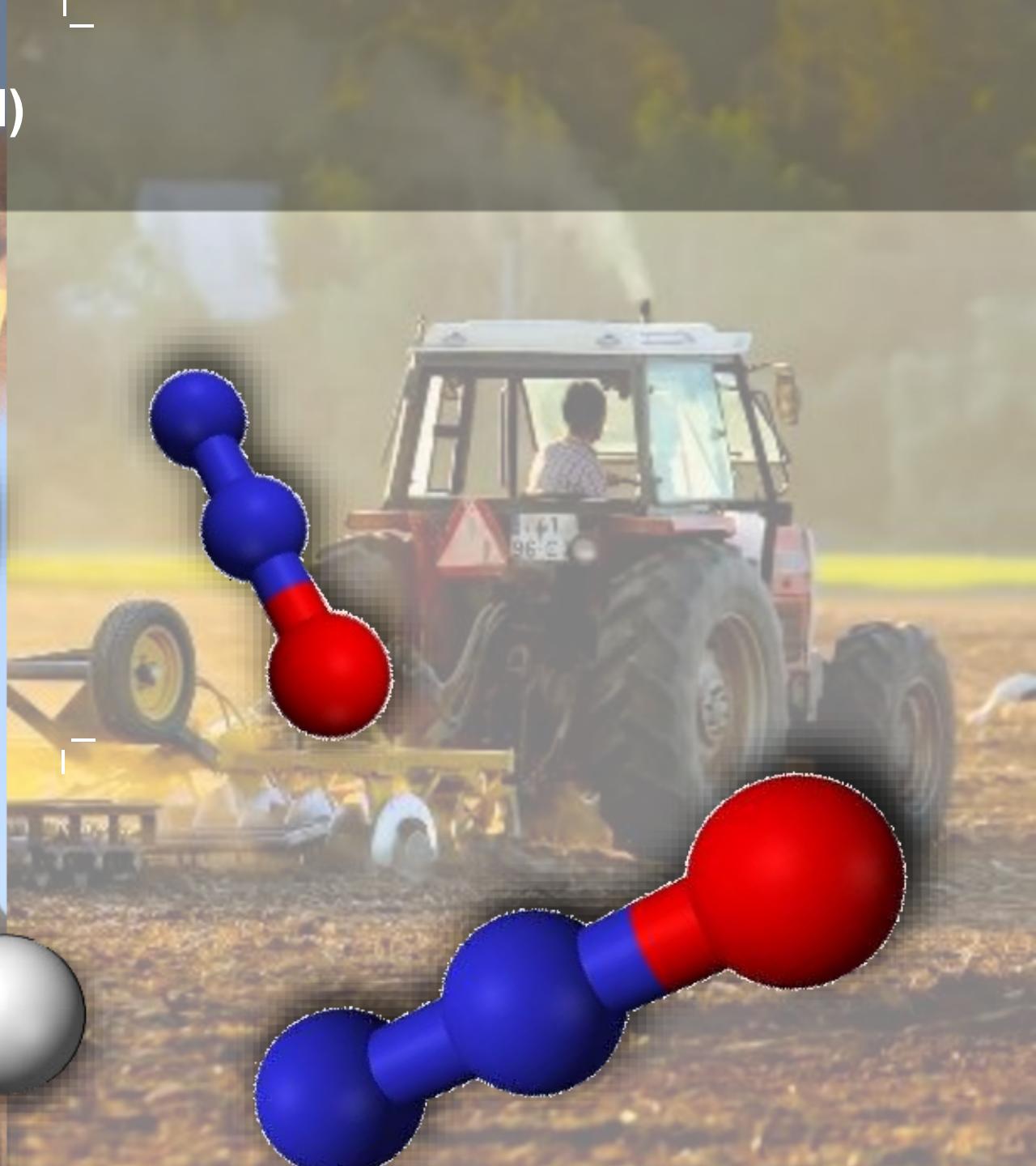


Agricultura y ganadería



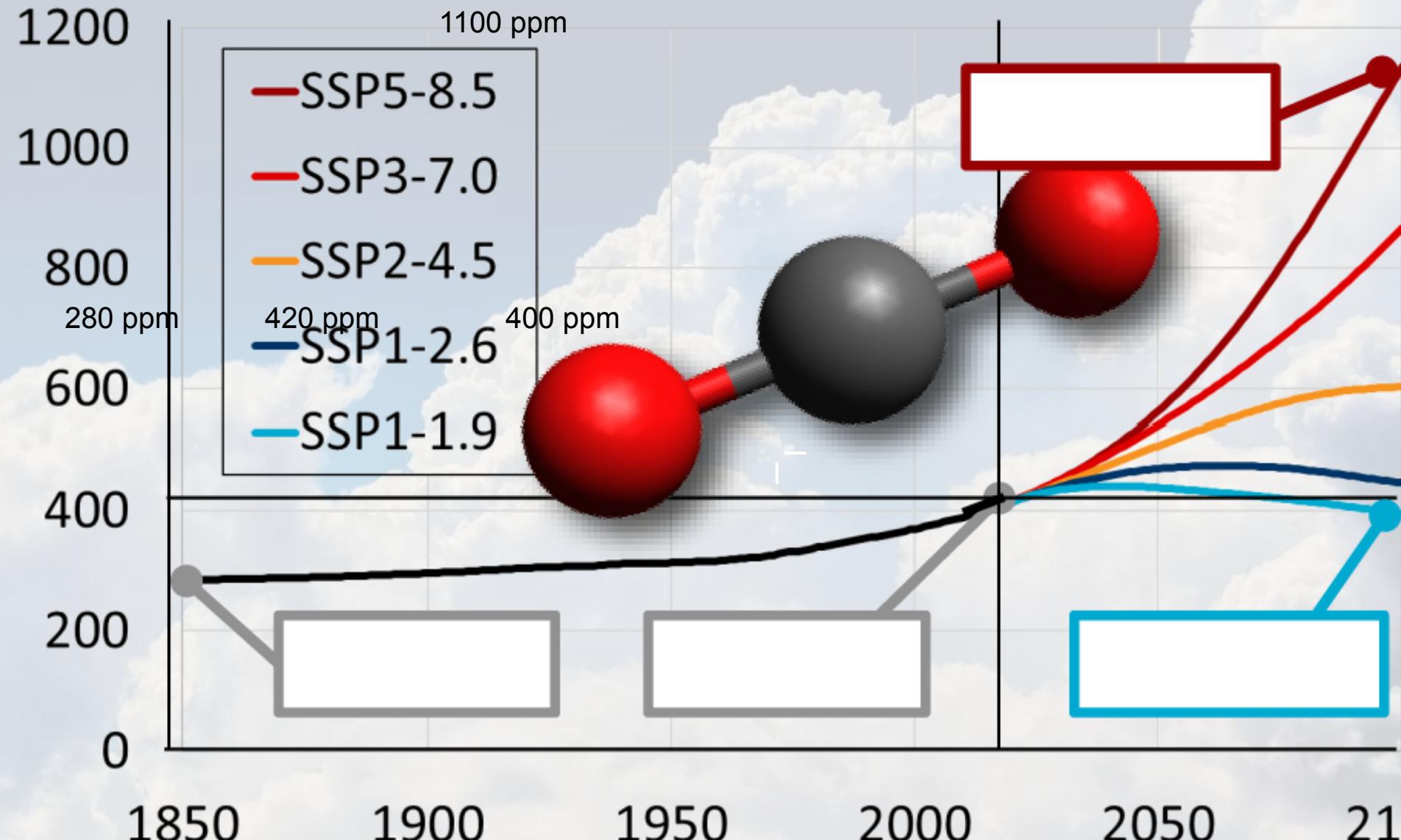
Otros Gases de Efecto Invernadero (GEI)

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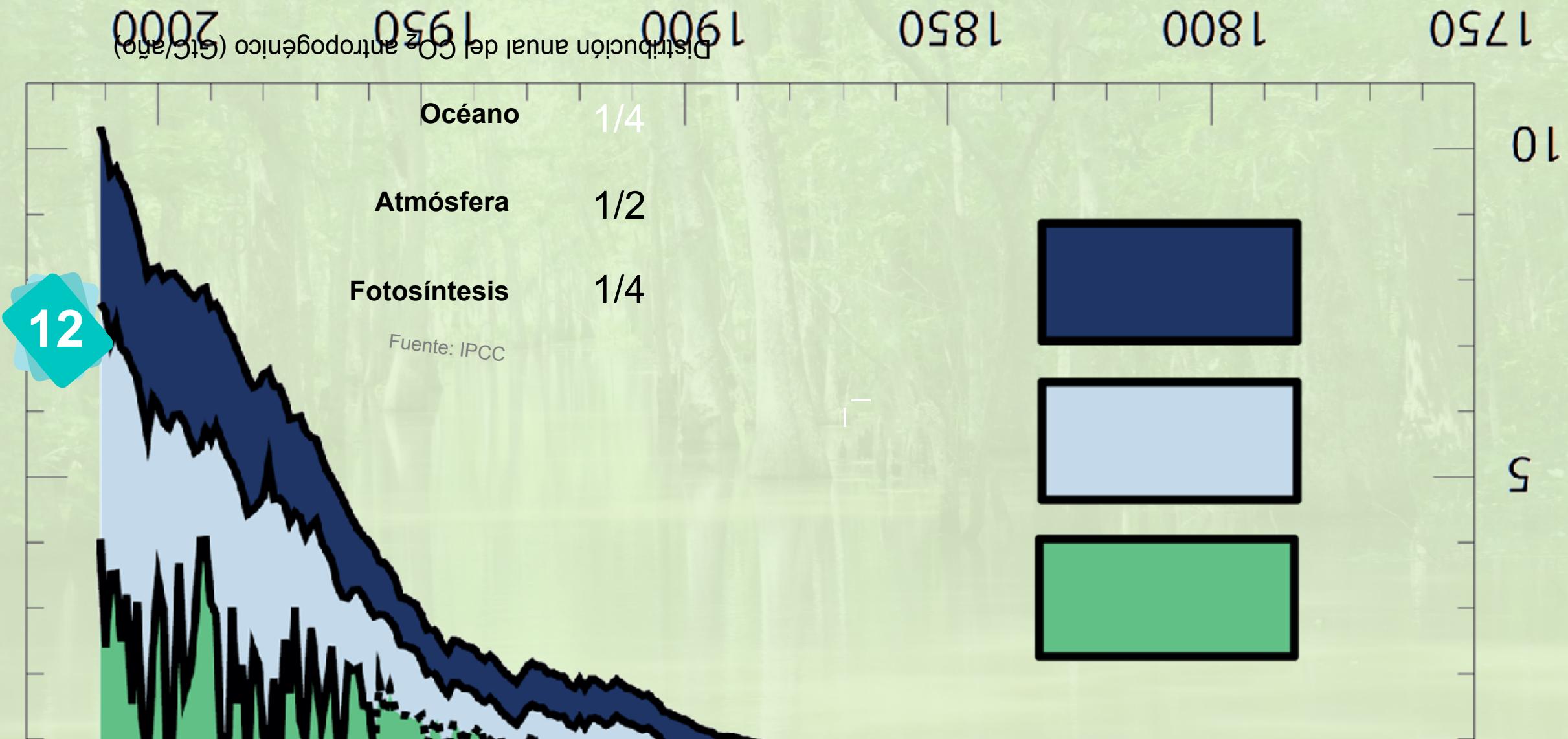


Concentración de CO₂ (ppm)

Fuente: IPCC

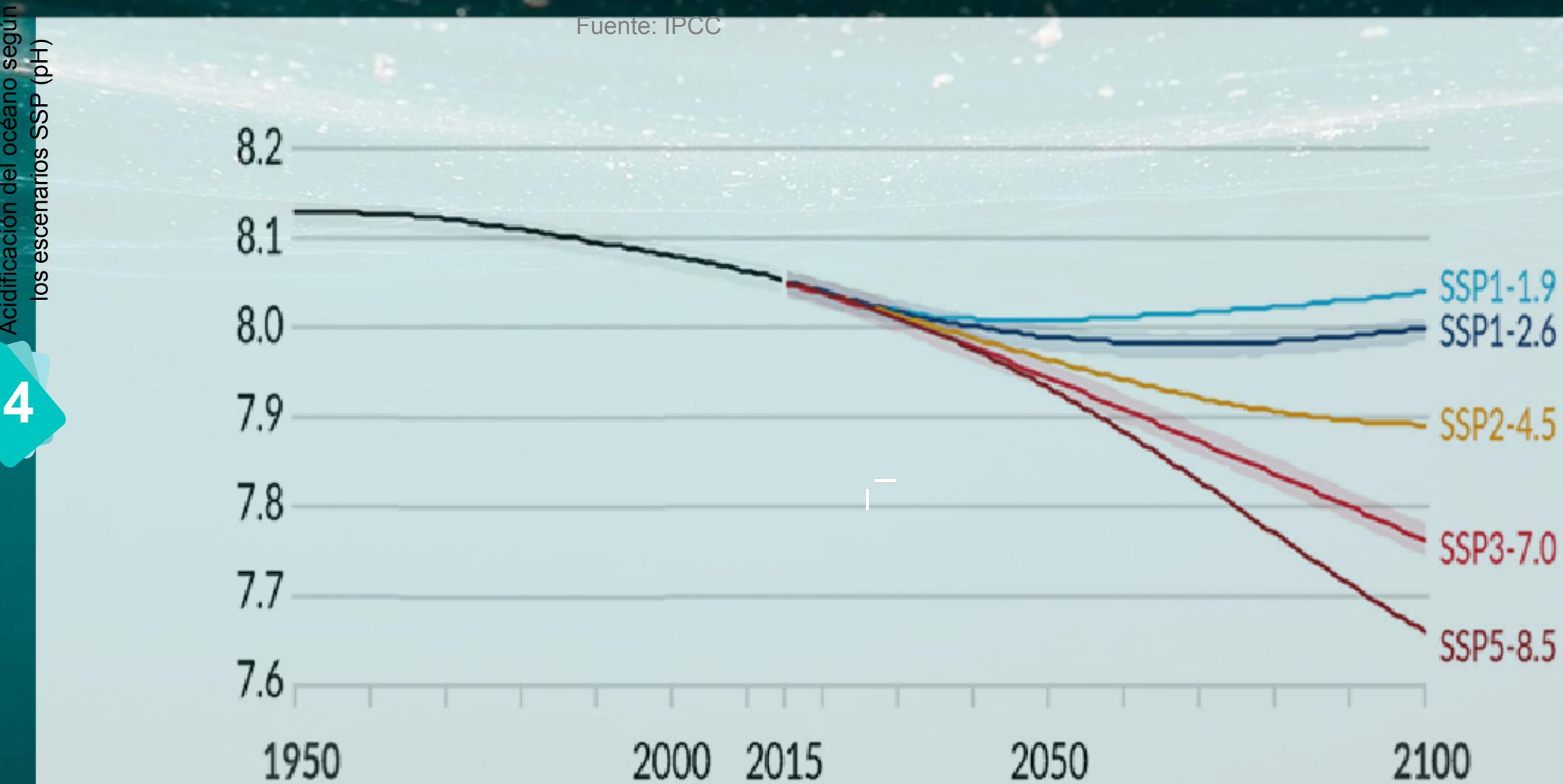


Sumideros de carbono



Acidificación del océano

Fuente: IPCC



Aerosoles

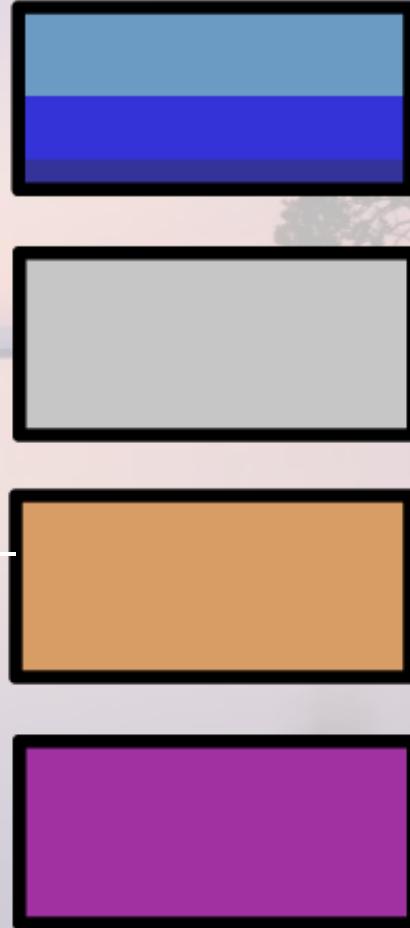
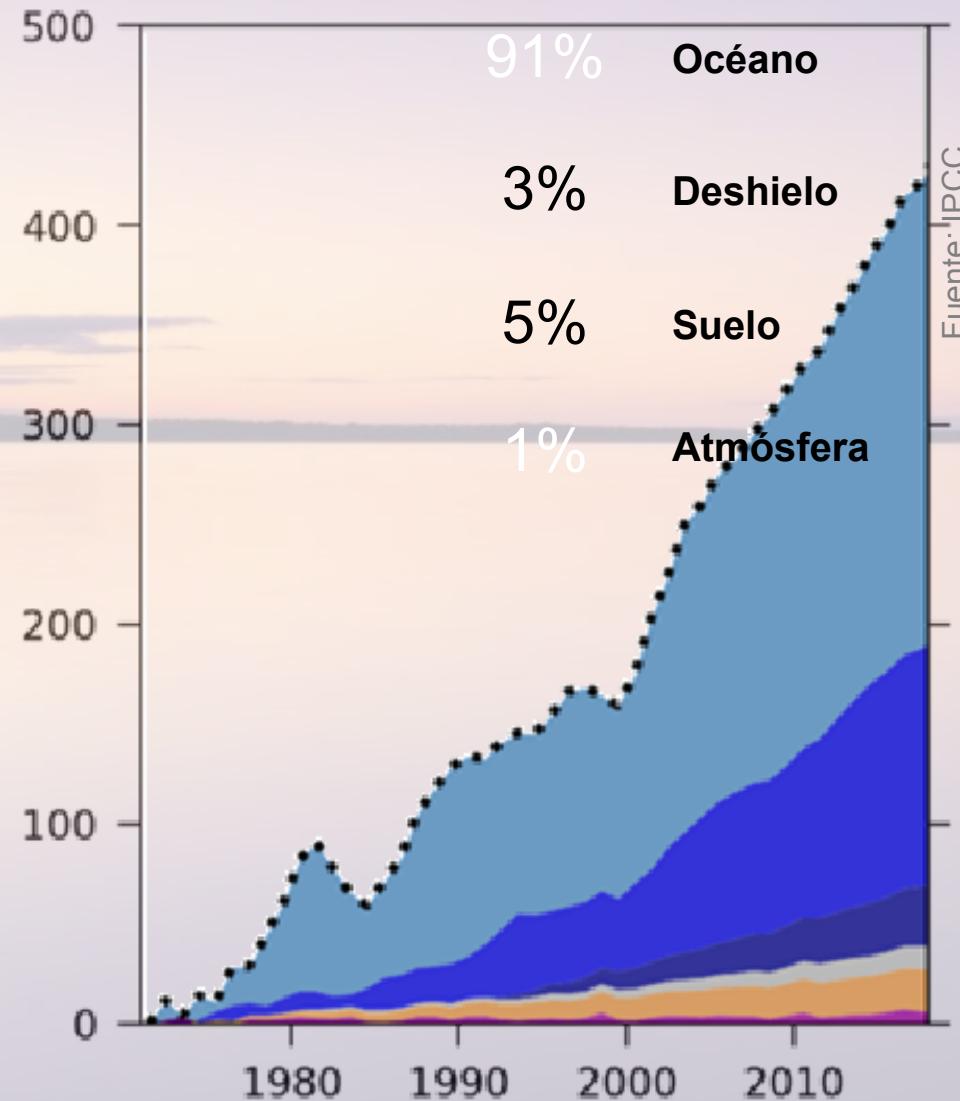
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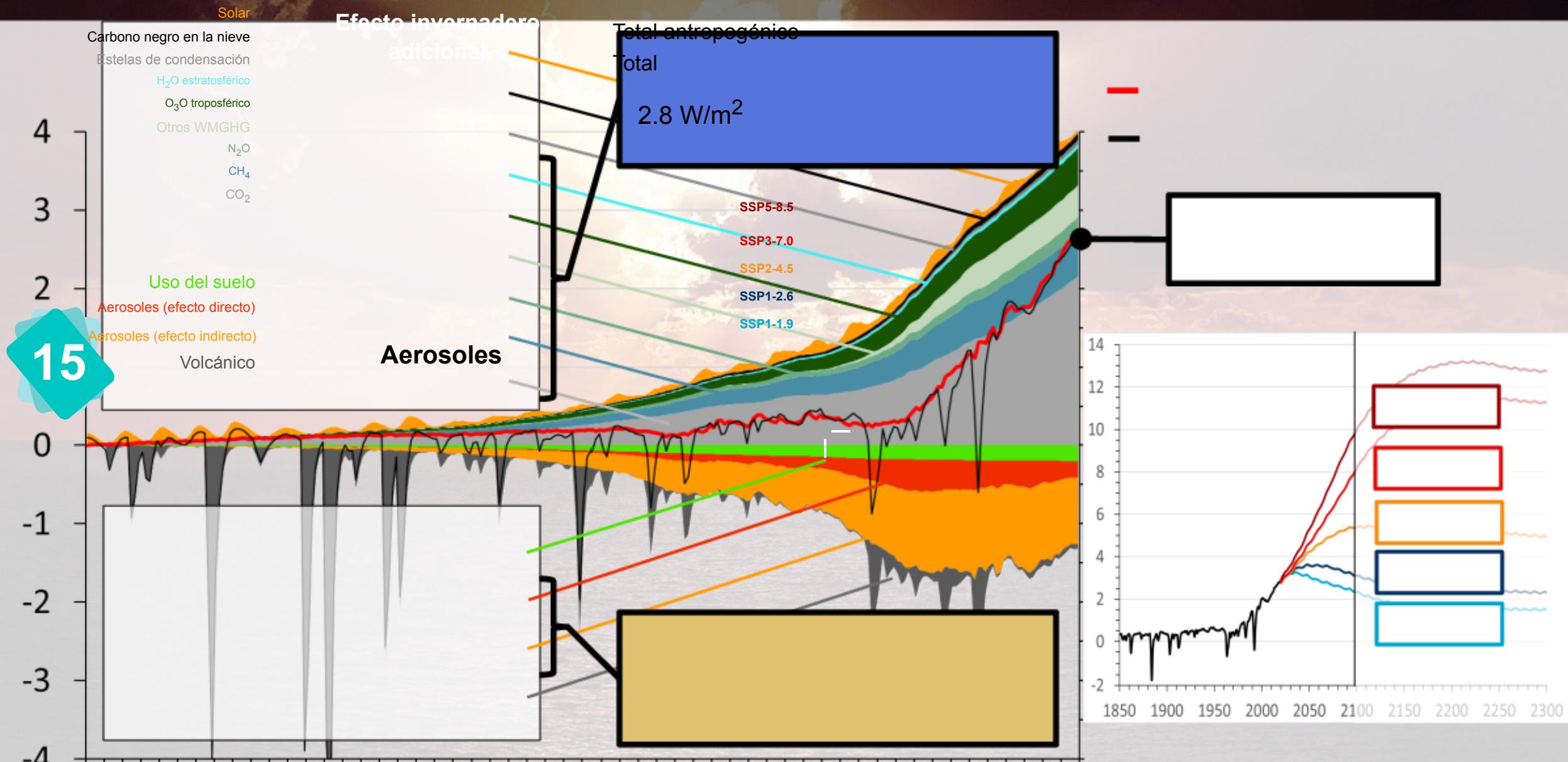
Balance energético

Energía (ZJ)

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Forzamiento radiativo



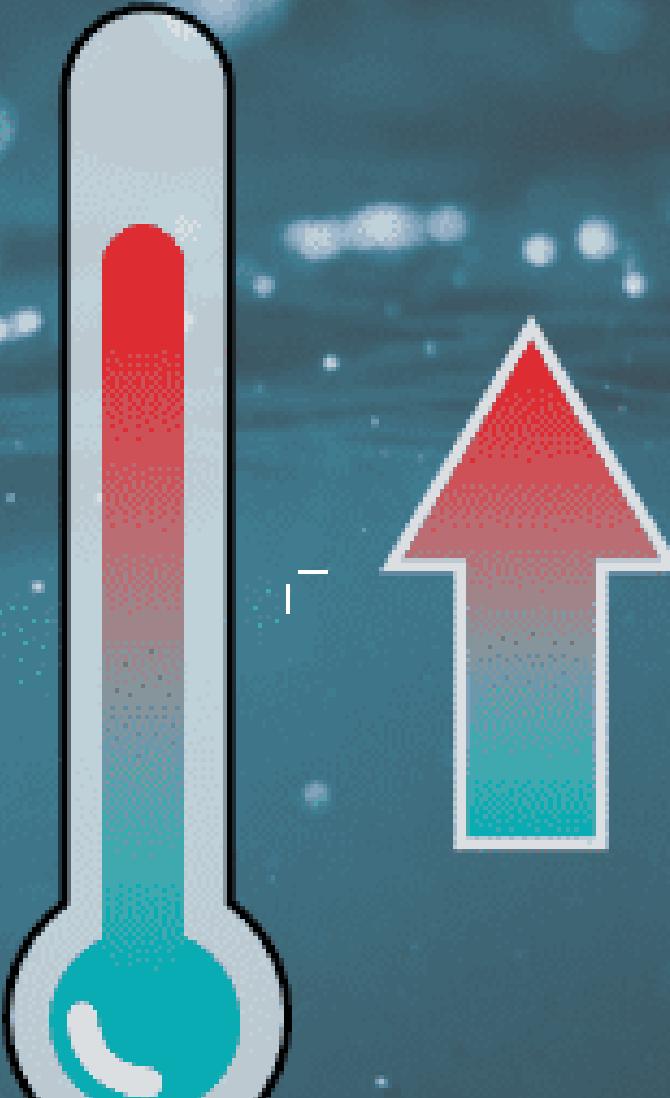
Deshielo de los glaciares

An aerial photograph of a vast, multi-lobed glacier. The glacier's surface is a mix of white snow and dark, rocky debris. Several deep, blue-colored lakes are scattered across the glacier, indicating meltwater accumulation. In the background, a range of snow-capped mountains stretches under a clear blue sky.

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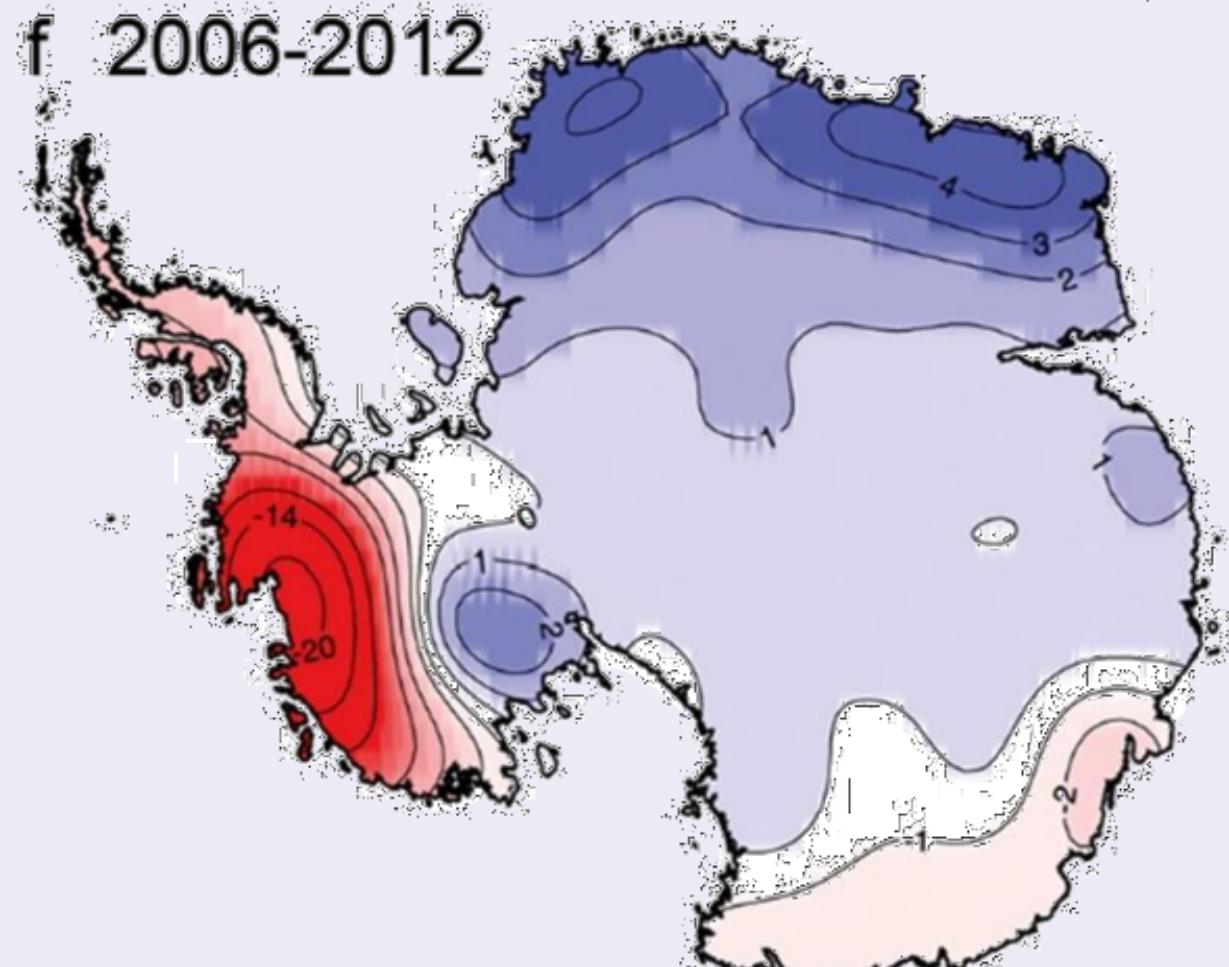
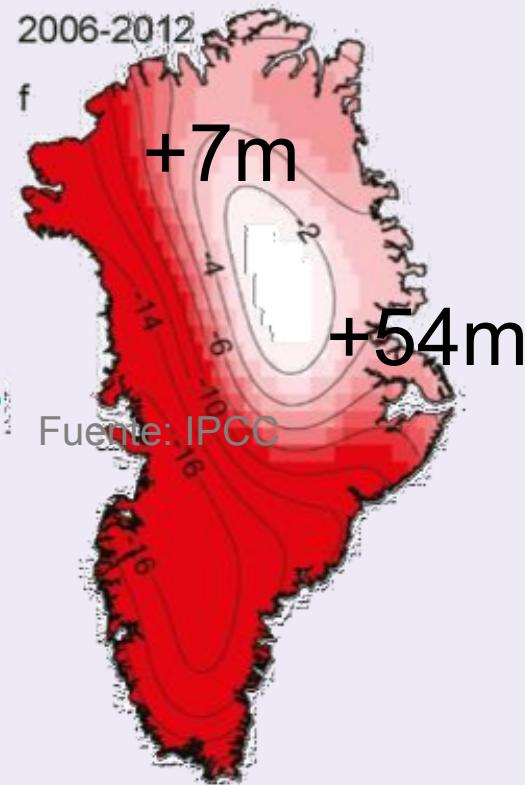
Aumento de la temperatura del agua

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Deshielo de los casquetes polares

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Perturbación del ciclo del agua



Problemas de calcificación

HOW WILL CHANGES IN OCEAN CHEMISTRY AFFECT MARINE LIFE?

CO₂ absorbed from the atmosphere

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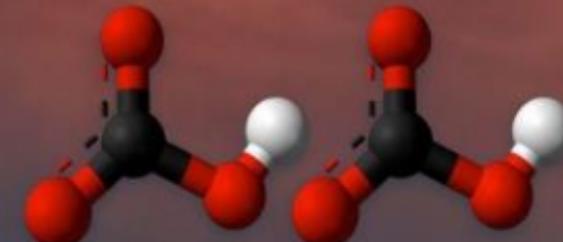
carbon
dioxide



water



carbonate
ion



2 bicarbonate
ions

consumption of carbonate ions impedes calcification

© noaa

Biodiversidad terrestre

25



Desbordamiento de rois e inundaciones

26



NWN NEN GIC
WNA CNA ENA
NCA SCA CAR
NWS NSA
SAM NES
SWS SES

NEU RAR
WCE EEU WSB ESB RFE
MED WCA ECA TIB EAS
SAH ARP SAS SEA
WAF CAF NEAF
WSAF SEAF MDG
ESAF

PAC

NAU EAU
CAU EAU
SAU NZ

Biodiversidad marina

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Hurricanes



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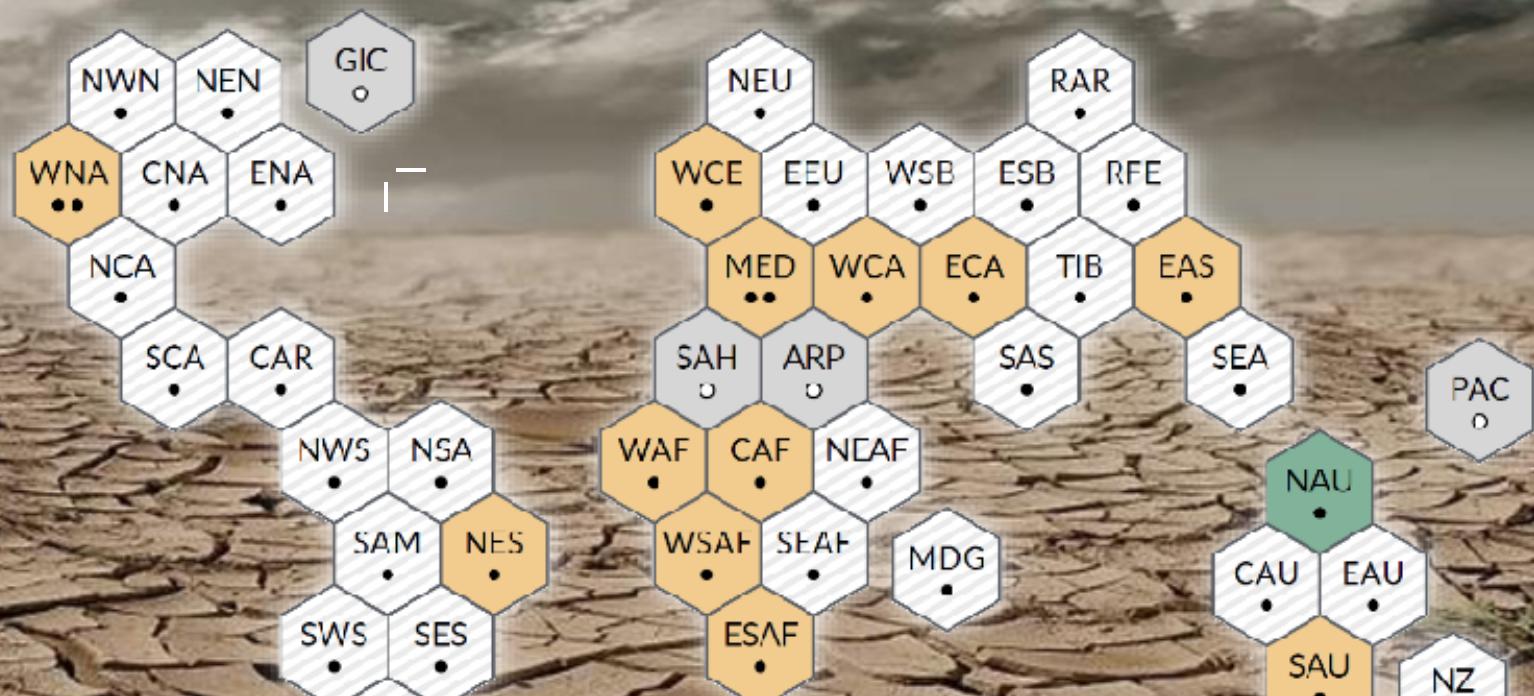
Pterópodos y cocolitofóridos

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Sequías

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Inundaciones costeras



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Vectores de enfermedades

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Fuentes de agua dulce



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Disminución de la producción agrícola

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Incendios

35



Olas de Calor

36



NWN ***
NEN ***
GIC ..
WNA CNA ENA
NCA ..
SCA ..
CAR ..
NWS ***
NSA ..
SAM ..
NES ..
SWS ..
SES ***

NEU ***
RAR ..
WCE ***
EEU ***
WSD ***
ESD ***
RFC ***
MED ***
WCA ***
ECA ***
TIB ***
EAS ***
SEA ***
SAH ..
ARP ..
SAS ***
CAF O
NEAF ..
WAF ..
WSAF ***
SEAF ..
MDG ..
ESAFAF ***

PAC ..
NAU ***
CAU ***
EAU ***
SAU ..
NZ ..

Hambrunas

37



Salud humana

A medical professional in blue scrubs uses a stethoscope to listen to the heart of an elderly patient with grey hair.

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Refugiados climáticos



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Conflictos armados

A soldier in camouflage gear is shown from the side, aiming a rifle with a scope. A bullet is captured in mid-air, flying towards the camera. The background is a hazy, yellowish-brown.

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Permafrost

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Circulación Termohalina



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