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INFORMES DEL IPCC



Impactos, vulnerabilidad y adaptación

- Temas
 - Impactos observados, vulnerabilidad y adaptación en un mundo cambiante
 - Riesgos y oportunidades futuras de adaptación
 - Gestión de riesgos futuros y construcción de resiliencia
 - Riesgos principales en Centro y Sudamérica
- 



Impactos observados, vulnerabilidad y adaptación

- Temas:
 - Impactos observados, vulnerabilidad y exposición
 - Experiencia de adaptación
 - Contexto de toma de decisiones
- 

PUBLICACIONES CIENTIFICAS POR CONTINENTE

	1980-1989	1990-1999	2000-2010
Africa	44	536	2982
Asia	33	940	8101
Europe	34	1703	11187
North America	52	1057	8436
Central and South America	12	486	2880
Australasia	42	446	3255

Asia, Africa and
C. and S. America

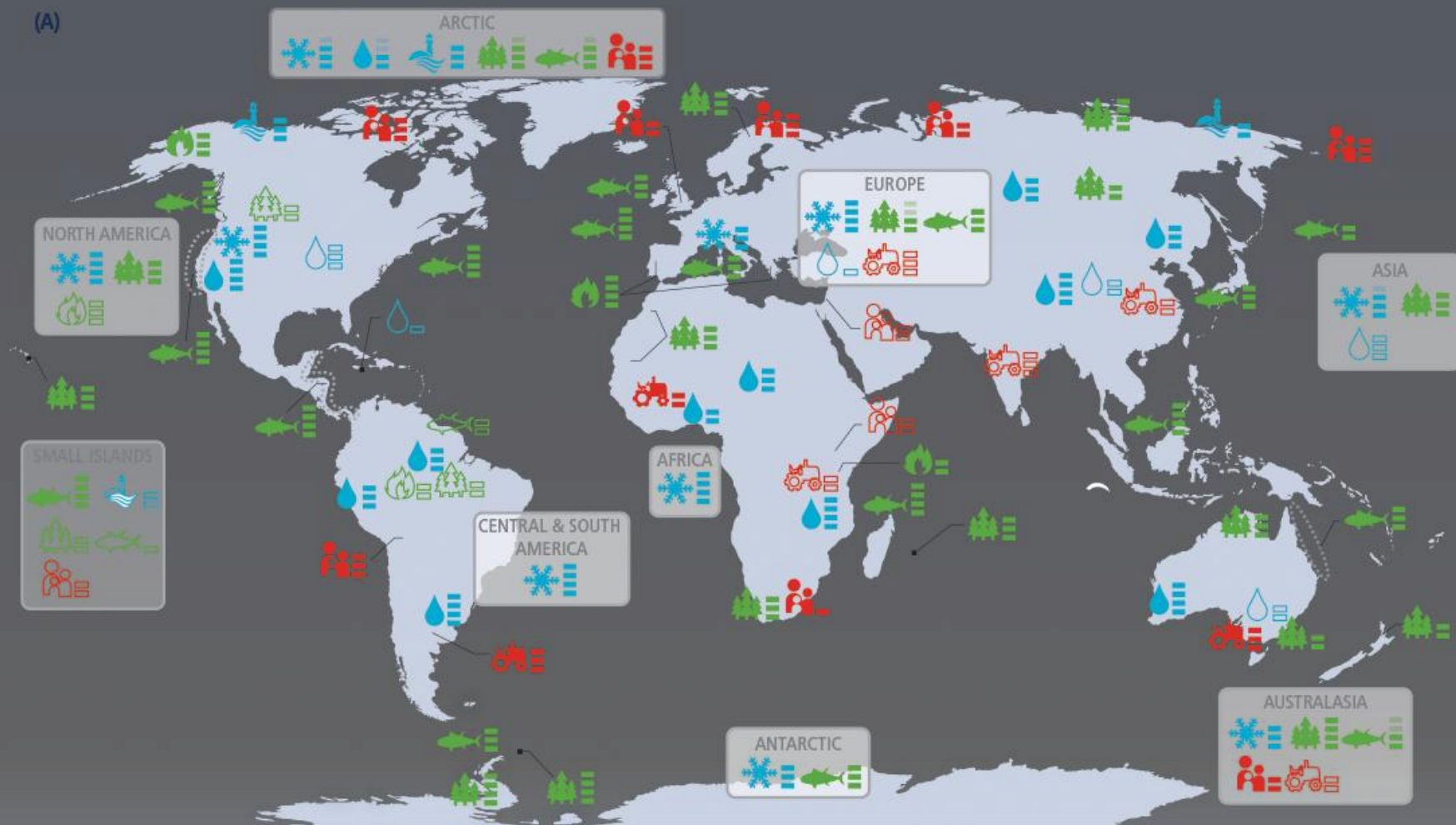
35 %

TOTAL

5000

36000

(A)



Confidence in attribution to climate change

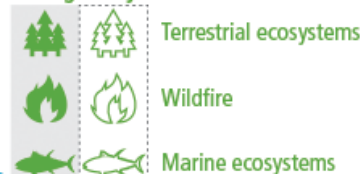


Observed impacts attributed to climate change for

Physical systems



Biological systems



Human and managed systems



Regional-scale impacts

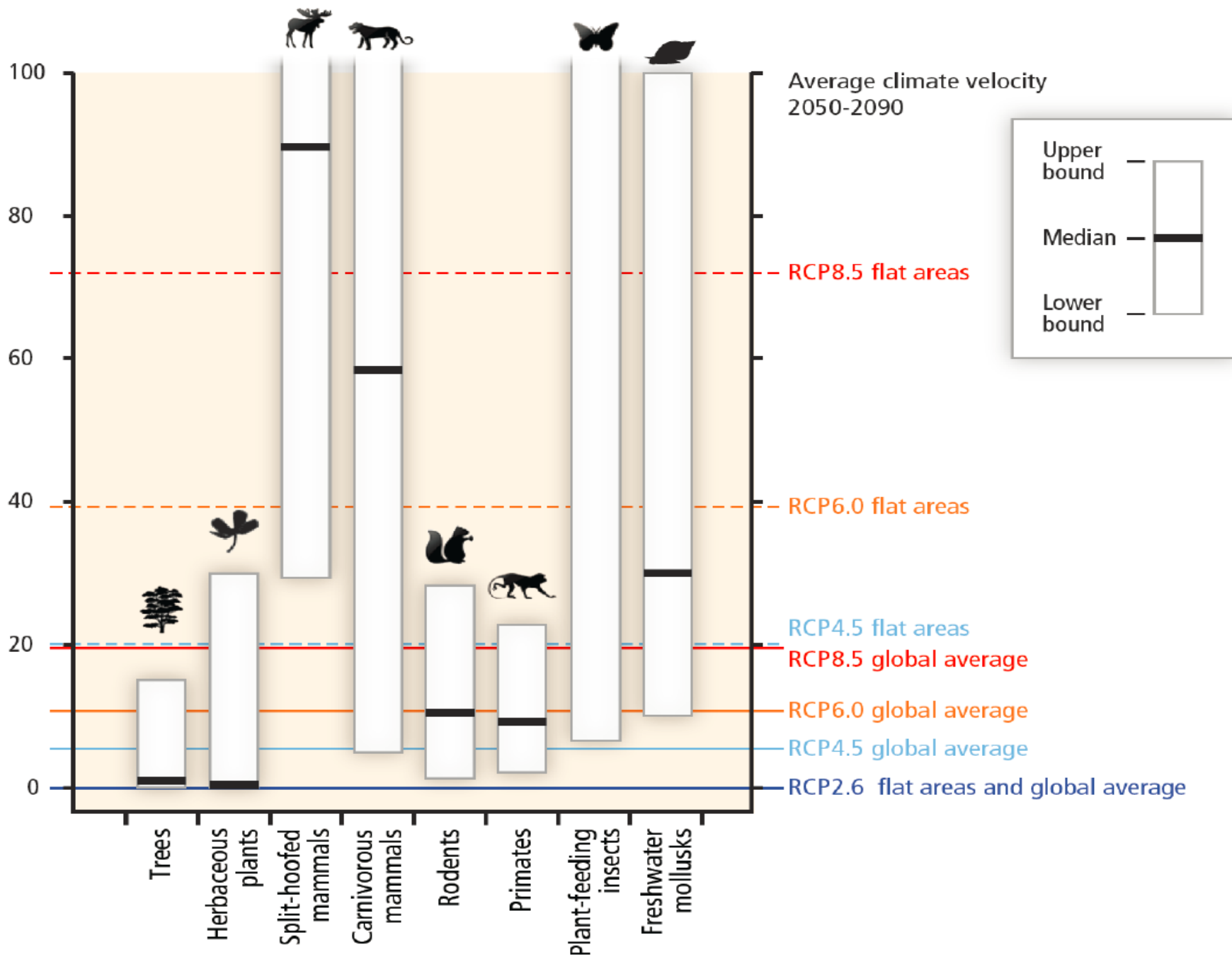
Outlined symbols = Minor contribution of climate change
 Filled symbols = Major contribution of climate change



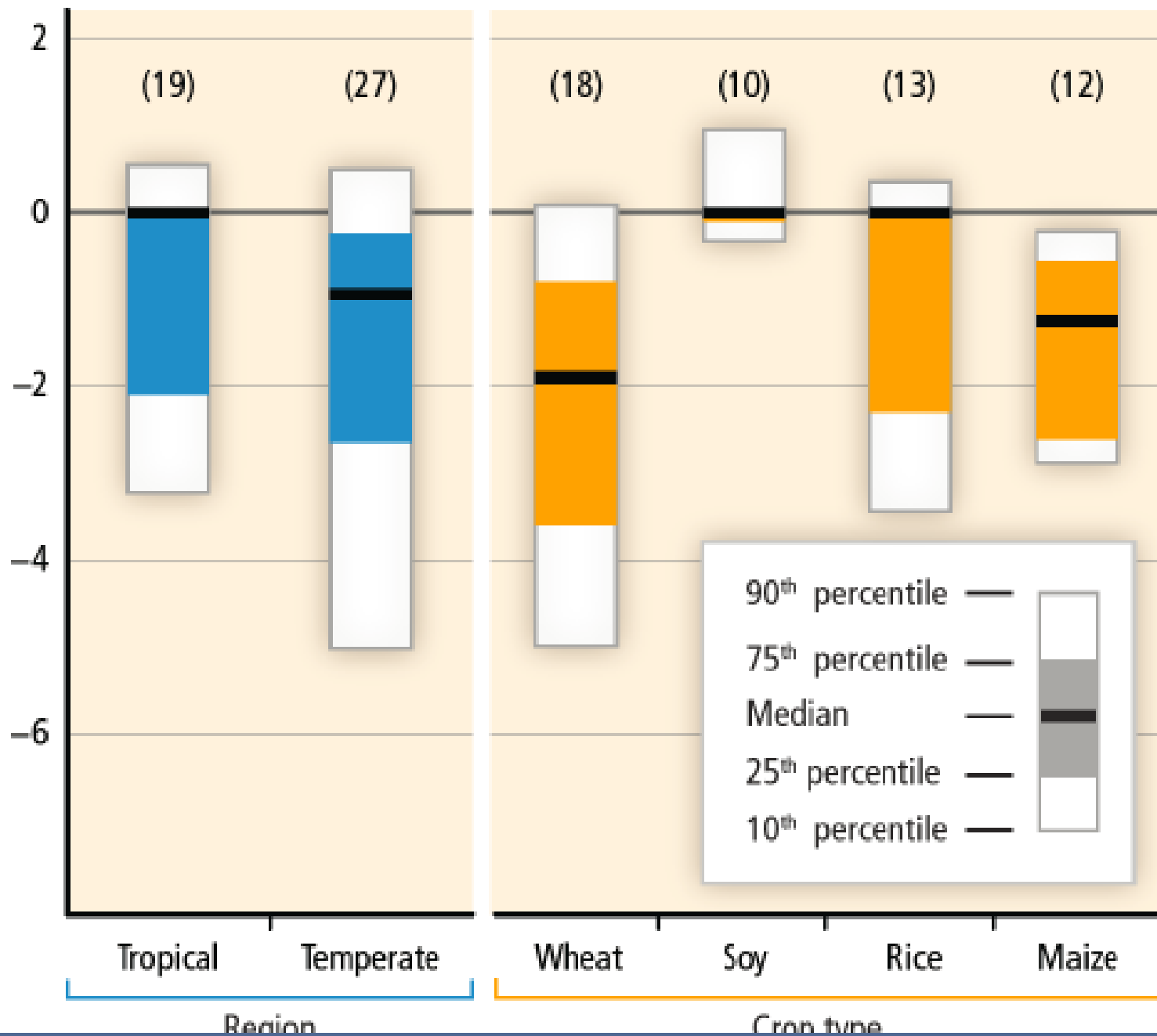
Riesgos y oportunidades futuras de adaptación

- Temas:
 - Principales riesgos en sectores y regiones
 - Riesgos sectoriales principales y potencial para adaptación
 - Riesgos regionales principales y potencial para adaptación
- 

Maximum speed at which species can move (km per decade)



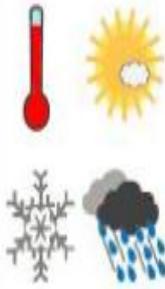
Yield impact (% change per decade)





Riesgos principales en Centro y Sudamérica

Central and South America

Key risk	Adaptation issues & prospects	Climatic drivers	Timeframe	Risk & potential for adaptation
Water availability in semi-arid and glacier-melt-dependent regions and Central America; flooding and landslides in urban and rural areas due to extreme precipitation (<i>high confidence</i>) [27.3]	• Integrated water resource management • Urban and rural flood management (including infrastructure), early warning systems, better weather and runoff forecasts, and infectious disease control			Very low Medium Very high
			Present	
			Near-term (2030-2040)	
			Long-term (2080-2100) 2°C 4°C	
Decreased food production and food quality (<i>medium confidence</i>) [27.3]	• Development of new crop varieties more adapted to climate change (temperature and drought) • Offsetting of human and animal health impacts of reduced food quality • Offsetting of economic impacts of land-use change • Strengthening traditional indigenous knowledge systems and practices			Very low Medium Very high
			Present	
			Near-term (2030-2040)	
			Long-term (2080-2100) 2°C 4°C	
Spread of vector-borne diseases in altitude and latitude (<i>high confidence</i>) [27.3]	• Development of early warning systems for disease control and mitigation based on climatic and other relevant inputs. Many factors augment vulnerability. • Establishing programs to extend basic public health services			Very low Medium Very high
			Present	
			Near-term (2030-2040)	
			Long-term (2080-2100) 2°C 4°C	not available not available



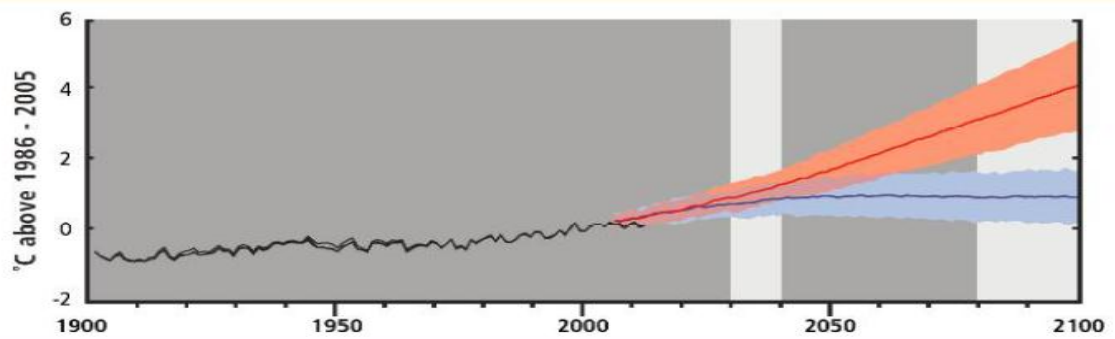
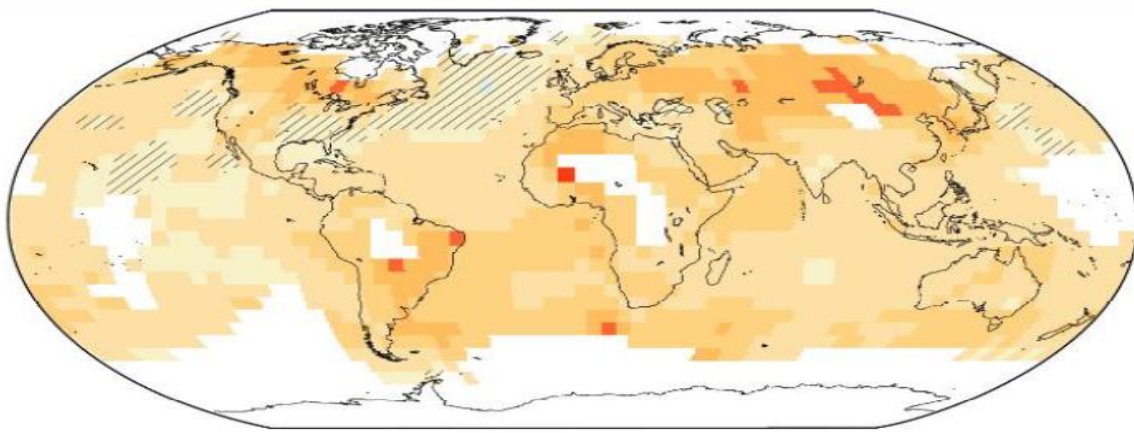
Gestión de riesgos futuros y construcción de resiliencia

- Temas:
 - Principios para una adaptación efectiva
 - Rutas resilientes al clima y Transformación
- 

0 2 4 6

White

Insufficient data



Projected Temperature



Difference from 1986-2005 mean (°C)

Solid Color

Very strong agreement

White Dots

Strong agreement

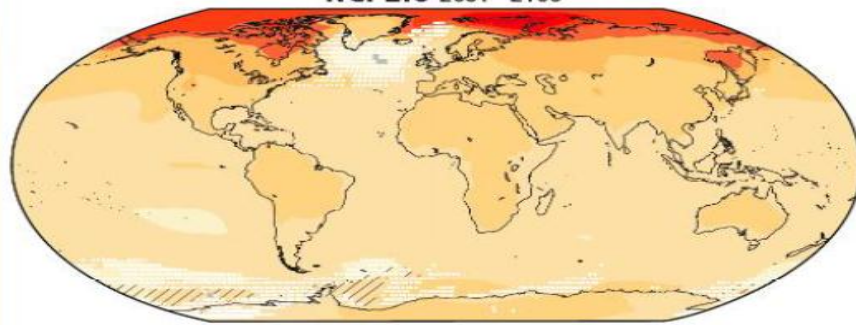
Gray

Divergent changes

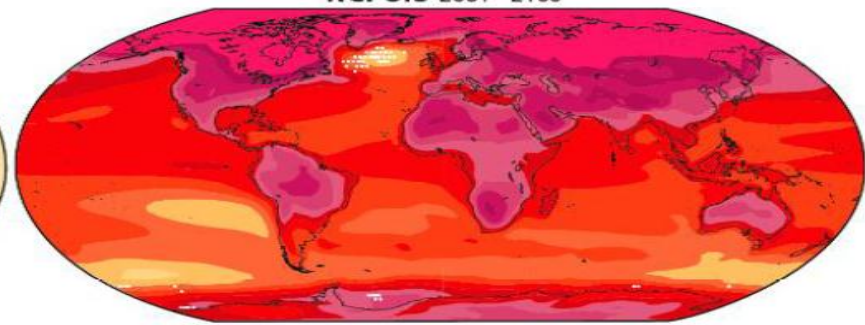
Diagonal Lines

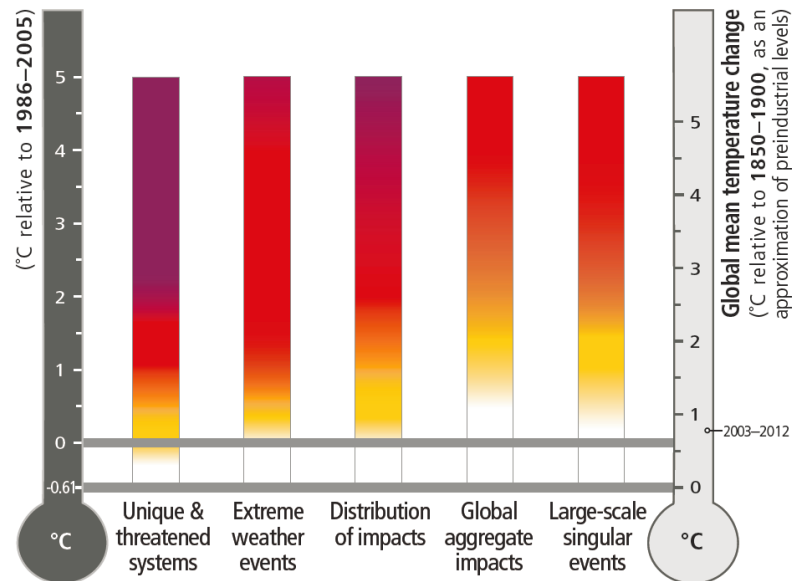
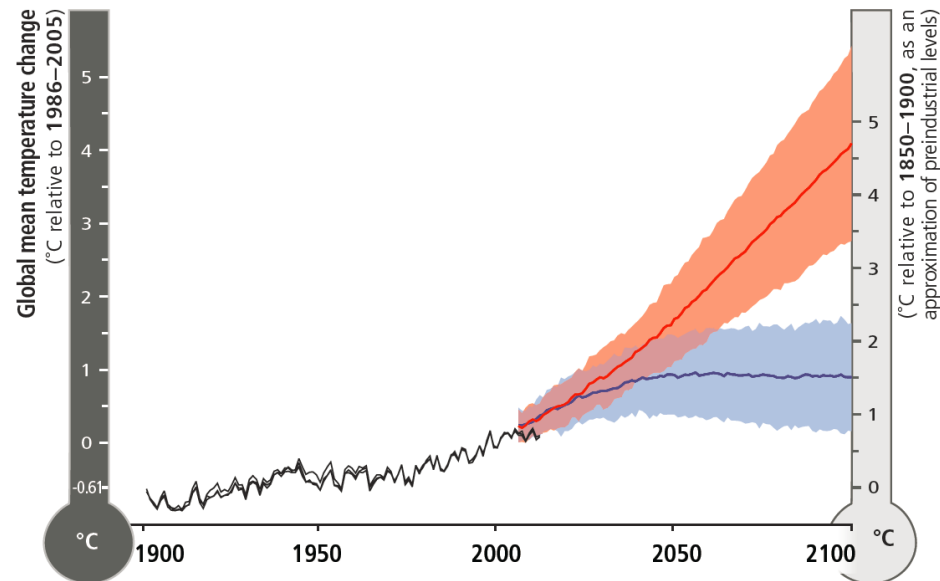
Little or no change

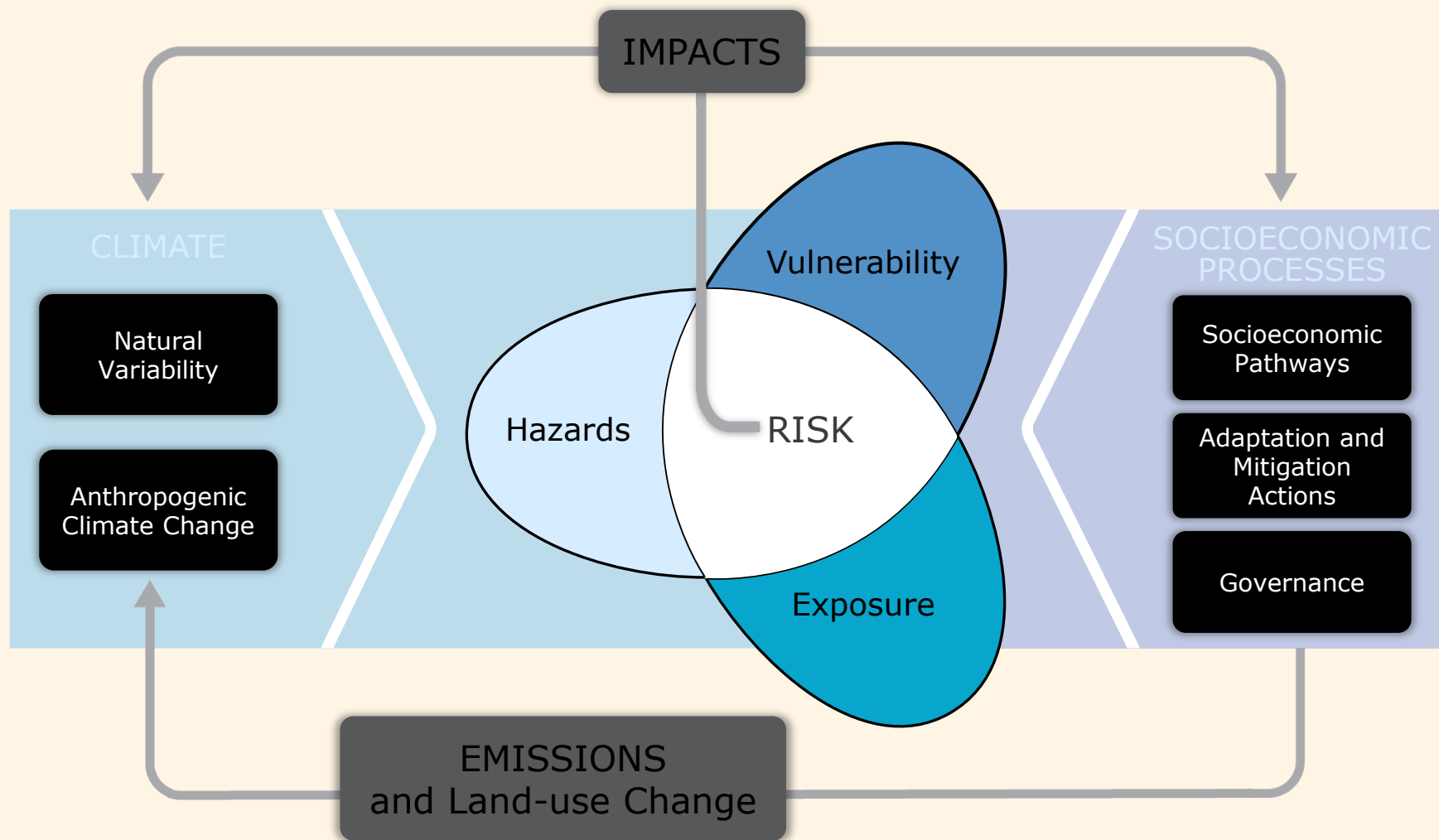
RCP2.6 2081 - 2100

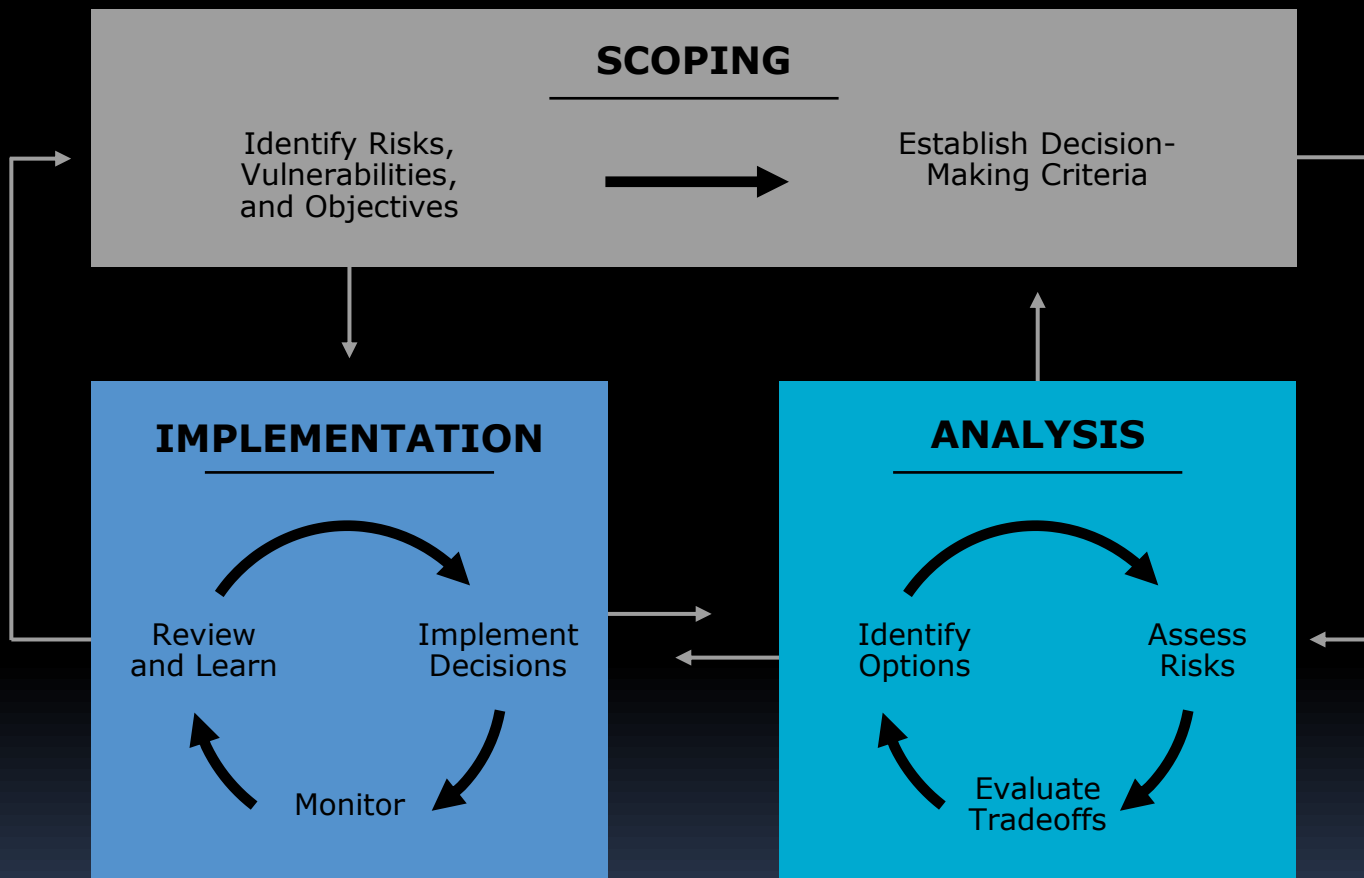


RCP8.5 2081 - 2100











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**¡ MUCHAS GRACIAS
POR SU ATENCION!**