Organiza:



PROGRAMA LATINOAMERICANO

CIUDADES SOSTENIBLES E INTELIGENTES AL 2030

"Hacia un modelo de innovación inclusiva"

Con el respaldo académico de:

Con el apoyo de:







Cambio climático y repercusiones para Latinoamérica

Eduardo Calvo, IPCC, UNMSM

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- Caracterización regional
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- Metas de adaptación
- Ecosistemas de montaña

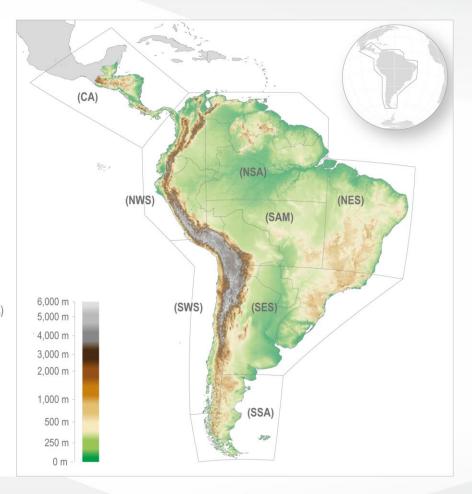
Alcance geográfico

Geographical scope of Central and South America

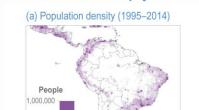
Poligon delineations represent the boundaries used for the regional synthesis of historical trends and future climate change projections used in the Assessment Reports of the IPCC WGI.

- (a) Central America (CA)*
- (b) Northwestern South America (NWS)
- (c) Northern South America (NSA)
- (d) South America Monsoon (SAM)
- (e) Northeastern South America (NES)
- (f) Southwestern South America (SWS)
- (g) Southeastern South America (SES)
- (h) Southern South America (SSA)

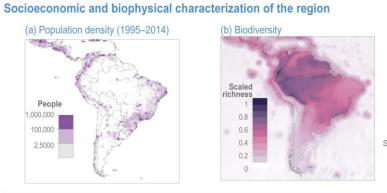
^{*} Different from the WGI South Central America (SCA) which includes the southern part of Mexico.

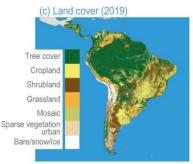


Caracterización de la región



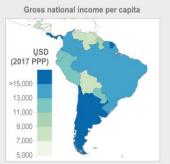
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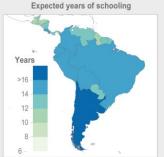






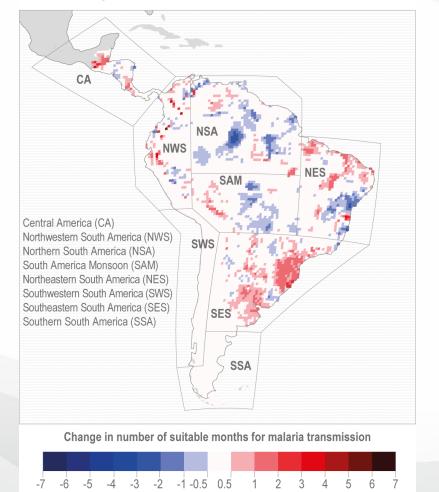






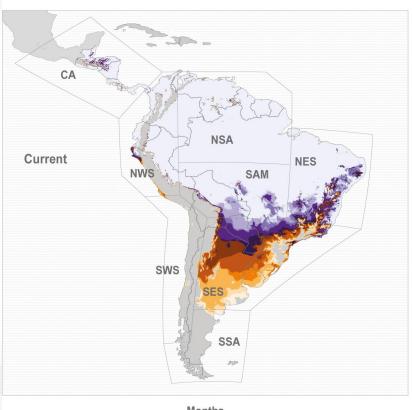
Cambio en meses de transmisibilidad de malaria

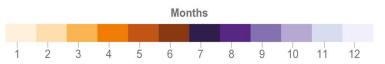
Historical changes (1950–59 to 2010–2019) in suitability for malaria transmission



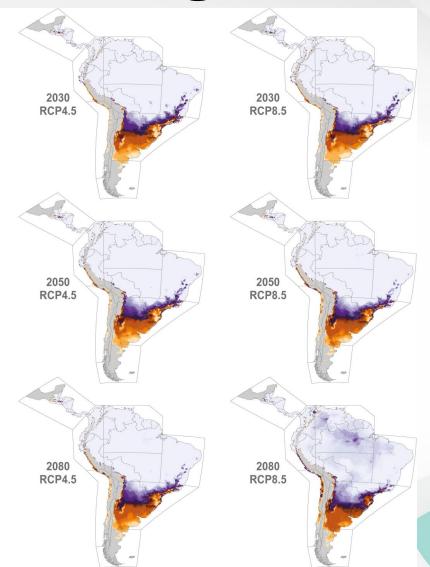
Transmisibilidad de dengue

Predicted thermal suitability for transmission of dengue by *Aedes aegypti* mosquitoes

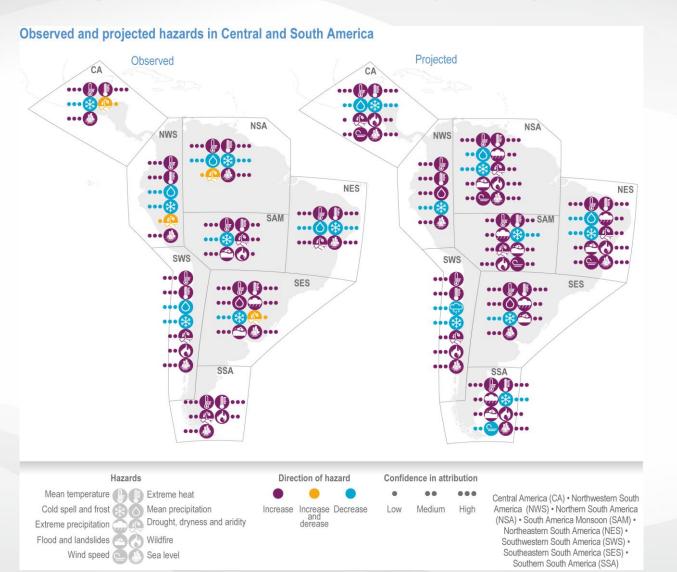




Central America (CA) • Northwestern South America (NWS) • Northern South America (NSA) • South America (Monsoon (SAM) • Northeastern South America (NES) • Southwestern South America (SWS) • Southeastern South America (SES) • Southern South America (SSA)



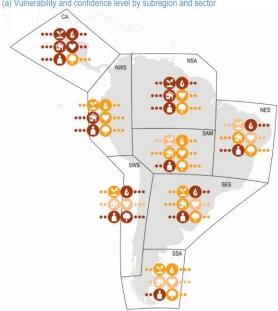
Peligros observados y proyectados



Vulnerabilidad sectorial

Sectoral distribution of vulnerability to climate change for Central and South America

(a) Vulnerability and confidence level by subregion and sector



(b) References used and vulnerability level attributed by subregion and sector

Sectors			Subregions					
	CA	NES	NSA	NWS	SAM	SES	SSA	SWS
Food systems	4,6,9,11, 14,19,21, 27,35, 40,47	6,9,16, 21,22,27, 35,47	6,9,11,14, 19,21,27, 35,45,47	6,14,19,21 ,22,27,35, 40,45	6,21,27, 35,47	6,9,14,2 1,22,27, 35,47	6,14,21, 22,27,35, 39,47	6,14,21, 22,27,35, 39,40, 45
Cities and infrastructure	5,35	5,31,25	5,35	5,35	5,35			5,35
Population in poverty and their livelihoods	7,15,10, 12,13,23 ,25,40	10,12,13 ,15,17,2 5,28,49	10,12,13, 15,17,25, 28,33	10,12,13, 15,25,40	10,12,13, 15,17,25	10,12,13, 15,17,25, 28	10,12,13, 15,25	10,12,13, 15,25,40, 44
Water	26,35,41	26,35,48, 49,50	24,26,35	24,26,35	24,26,35	24,26,35, 41	24,26,35, 39	24,26,35, 39
Health	20,30,35		20,30,35	20,30,35	20,30,35			20,30,35
Terrestrial and freshwater ecosystems	29,35,38	2,29,32, 35,37,38 42	2,29,35, 37,38	2,8,24, 29,35,3 7,38	2,29,35, 37,38	29,35,38	24,29,35, 38	3,18,24, 29,35,38 ,46

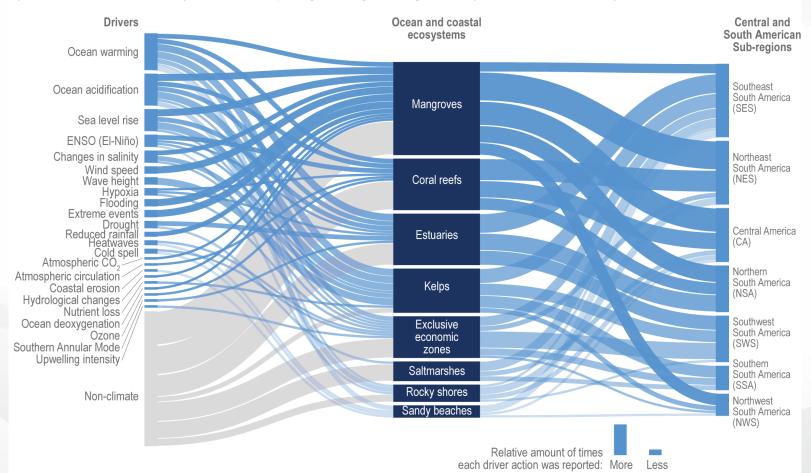


Northeastern South America (NES) • Southwestern South America (SWS) • Southeastern South America (SES) . Southern South America (SSA)

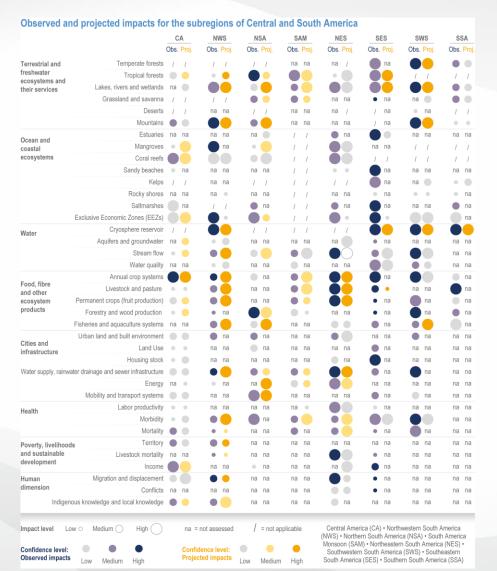
Sensibilidad de océanos y ecosistemas costeros

Sensitivity of ocean, coastal ecosystems, and Exclusive Economic Zones (EEZs) to climate and non-climate drivers in Central and South America

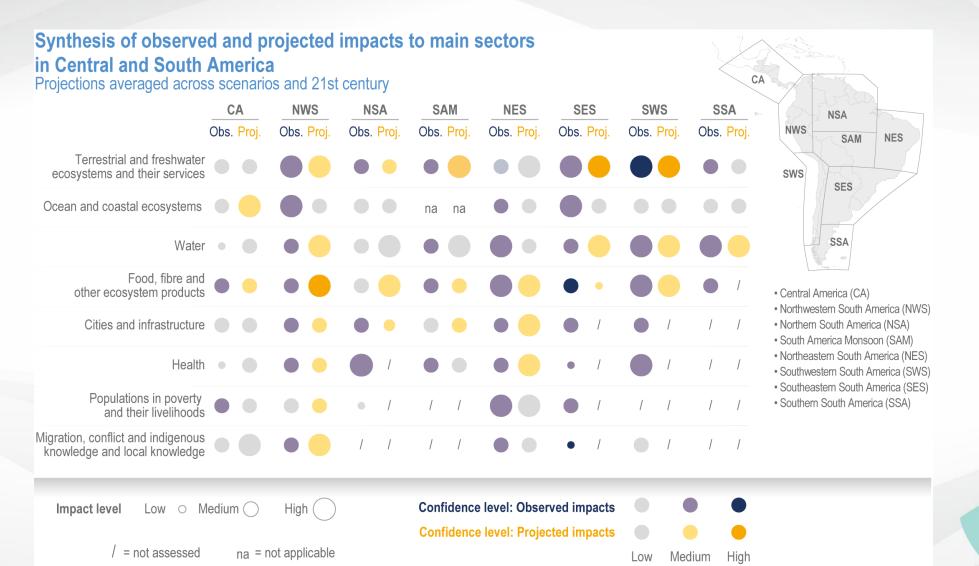
Synthesis of field and laboratory experiments reporting drivers generating sensitivity on ocean, coastal ecosystems and EEZs



Impactos observados y proyectados

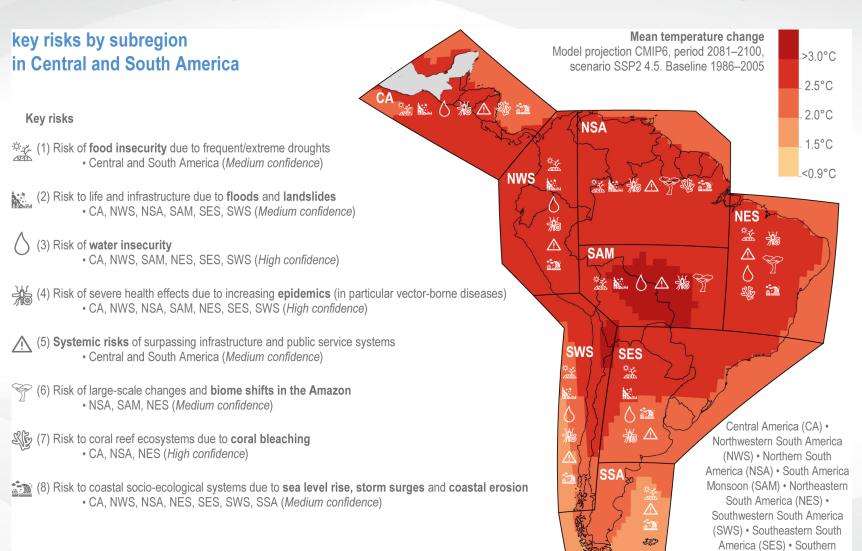


Síntesis de impactos observados y proyectados

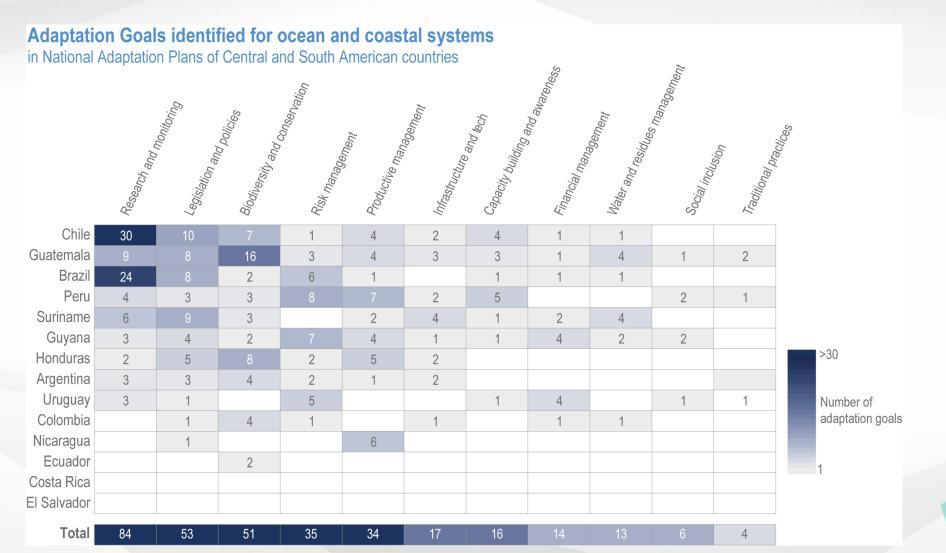


South America (SSA)

Riesgos principales por subregión

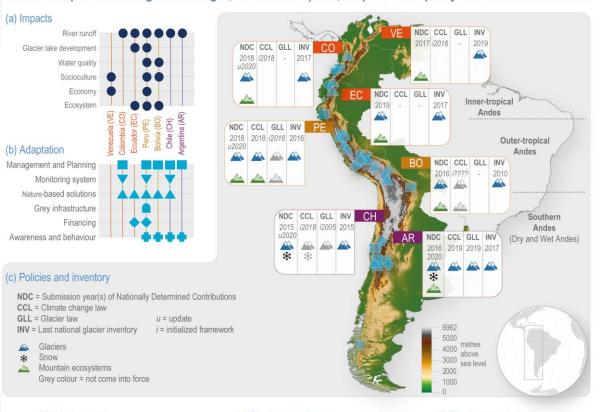


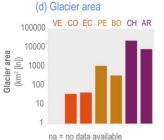
Metas de adaptación identificadas para sistemas costeros y oceánicos

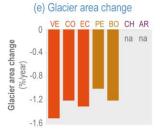


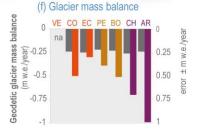
Ecosistemas de montaña

Overview map of observed glacier changes, associated impacts, adaptation and policy efforts across the Andes









GRACIAS POR SU ATENCIÓN.