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CLIMATE ACROSS SYSTEMS · NO. 10

What climate measures must prove

What does a climate measure establish about the decision it is being asked to support?

GLOBAL LAND REGIONS

Regional warming nears the 1.5°C benchmark

Share of expected regional warming



Attributed warming by 2025

Li and colleagues · Nature Climate Change
9 November 2026

GLOBAL CLIMATE AND HEALTH

Health gains depend on reaching people

≈ 1.6 million

Annual deaths potentially averted

Six actions under global scale-up

The estimate depends on wider coverage.

World Health Organization · 4 November 2026

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GLOBAL CARBON BUDGET 2026

Fossil CO_2 may fall as total CO_2 rises

Fossil CO_2	Total CO_2
−0.4%	43.3
Range −1.5% to +0.6%	Billion tonnes in 2026 from 42.8 in 2025

Total CO_2 includes land-use change.
Both 2026 values are preliminary projections.

Global Carbon Project · 10 November 2026

CALIFORNIA FOREST MODEL

Promised carbon can fall short over time

>70%

Of contracted storage at risk

200 years	95%
Time horizon	Confidence level

Lee and colleagues · Nature Climate Change
6 November 2026 · one modelled project

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KENYA AND GUATEMALA

Satellite data enter the work of agencies

Kenya

Seasonal water mapping informs drought bulletins.

Guatemala

Algal bloom monitoring informs users of Lake Atitlán.

Deval and colleagues · Communications Sustainability
9 November 2026 · SERVIR perspective

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PUBLIC AUTHORITY

What survives the decision

Water investment

Continuity where interruptions are costly

Health warnings

What recipients can do in the time available

Carbon removal

Storage secured and liability left behind

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Full web edition
Three-minute briefing
Downloadable PDF

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