

SHEM HIGHLIGHTS







Photos: Ulrik Pedersen/Getty Images, Boston's Children Hospital, IOM/Amanda Nero.

WORLD ON BRINK OF FIVE 'DISASTROUS' CLIMATE TIPPING POINTS, STUDY FINDS

Giant ice sheets, ocean currents and permafrost regions may already have passed point of irreversible change

08 September | The climate crisis has driven the world to the brink of multiple "disastrous" tipping points, according to a major study. It shows five dangerous tipping points may already have been passed due to the 1.1C of global heating caused by humanity to date.

These include the collapse of Greenland's ice cap, eventually producing a huge sea level rise, the collapse of a key current in the north Atlantic, disrupting rain upon which billions of people depend for food, and an abrupt melting of carbon-rich permafrost.

At 1.5C of heating, the minimum rise now expected, four of the five tipping points move from being possible to likely, the analysis said. Also at 1.5C, an additional five tipping points become possible, including changes to vast northern forests and the loss of almost all mountain glaciers.

In total, the researchers found evidence for 16 tipping points, with the final six requiring global heating of at least 2C to be triggered, according to the scientists' estimations.

The tipping points would take effect on timescales varying from a few years to centuries.

The scientists define crossing a tipping point as "possible" when its minimum temperature threshold is passed and "likely" beyond the central threshold estimate.

Full article here

EVENTS

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In collaboration with the FIOCRUZ Center for International Relations in Health (CRIS), SHEM co-hosts this new seminar about the "Global political agenda and health", with participation of SHEM Steering Committee members Paulo Buss and Armando de Negri, together with Santiago Alcazar and Celso Amorim.

The event will be broadcast live on YouTube with simultaneous translation to English, Portuguese, and Spanish.

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