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Climate change is increasing rainfall variability, not just changing averages.

A major study shows that human-caused global warming has increased rainfall variability across more than 75% of the world's land area, meaning rain now falls in more erratic and unpredictable ways rather than steadily over time.

2

Warmer temperatures create a paradox of droughts and floods.

As the planet warms, soils dry out due to increased evaporation, while warmer air holds about 7% more moisture per degree of warming, leading to longer dry spells followed by sudden, intense downpours that often cause flooding instead of replenishing soil.

3

Rainfall variability poses serious risks to societies and ecosystems.

Even when average rainfall stays the same, increased variability strains agriculture, water management, infrastructure, ecosystems, and human wellbeing, making droughts and floods more likely to occur back-to-back and increasing future climate risks unless greenhouse gas emissions are reduced.



LET'S TALK ABOUT

How Rainfall Is Becoming Unpredictable

The World Bee Project

Protecting Pollinators,
People & the Planet

The World Bee Project is the first initiative of its kind that uses really smart monitoring technology, kind of like robot brains, to watch over bees and their environment. We do this to find ways to help nature and people for a long, long time.

www.worldbeeproject.org

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