

Kiel, 28. February 2019

Science: A world without clouds? Hardly clear, climate scientists say

"Could the sheets of gray clouds that hang low over the ocean disappear suddenly in a warming world? Yes, if you believe a study published yesterday in Nature Geoscience—and the amplifying media coverage of it. If atmospheric carbon dioxide (CO₂) levels triple—an unlikely, but not implausible scenario given past rates of human emissions—these stratocumulus clouds could vanish in a frightening feedback loop. Fewer of the cooling clouds would mean a warmer Earth, which in turn would mean fewer clouds, leading to an 8°C jump in warming—a staggering, world-altering change."

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