

A global temperature increase of only half a degree may cause 5 million people to lose their homes

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The United Nations Agreement on Climate Change has set two goals related to global warming. The main objective calls for countries to ensure global temperatures rise by no more than 2 ° C compared to the average before the industrial period. However, the Paris agreement also offers a target aimed at limiting the heating temperature to 1.5 degrees Celsius by the end of the century.

Most scientists believe that the goal below 1.5 degrees is to avoid the worst situation of global warming.



According to climate scientists at Princeton University, global temperature increases by half a degree will increase sea level rise, flooding coastal areas and islands, where about 5 million people live.

The researchers used sea level and storm prediction models to assess the impact of three different global warming scenarios - heating up at 1.5, 2 and 2.5 degrees C. Links The fruit is published in the journal Environmental Research Letters.

"People think that the Paris Agreement will save us from being affected by climate change, but we show that even with climate policy thought to be in the best condition today, there are many places. still have to deal with sea level rise and more frequent floods.

If the global temperature increases by 1.5 degrees, it may increase the average sea level by 1.6 feet, while an increase of 2.0 degrees leads to a 1.8-foot sea level rise.

New models also show previous studies - even if global warming is stopped in the next few decades, seawater will continue to rise in the next century.

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