

UN science panel to release key report on climate change

August 9 2021



In this Monday, July 26, 2021 file photo, a man carries bags of onions in Xinxiang in central China's Henan Province. A new massive United Nations science report is scheduled for release Monday Aug. 9, 2021, reporting on the impact of global warming due to humans. Credit: AP Photo/Dake Kang, File

A U.N.-appointed panel of experts is publishing a key report Monday

summarizing the latest authoritative scientific information on climate change.

UPDATE: UN report: Global warming is likely to blow past Paris limit: phys.org/news/2021-08-global-paris-limit.html

The report, being released at 0800 GMT (4 a.m. EDT) will provide governments with up-to-date facts on [the current impacts](#) and future risks of global warming ahead of a U.N. climate summit in November in Glasgow.

It will also examine how various options to reduce [greenhouse gas emissions](#) will affect the pace of [climate change](#) over the coming decades.

Almost 200 countries have signed up to the landmark Paris climate accord, which aims to keep global warming below 2 degrees Celsius (3.6 degrees Fahrenheit), ideally no more than 1.5 degrees C (2.7 F), by the end of the century compared to pre-industrial times.

Previous reports by the Intergovernmental Panel on Climate Change found that those goals were achievable if drastic changes are made to the world economy in the coming decades.

But since the last report was published in 2013, scientists have increasingly been saying that the 1.5-degree C goal is probably out of reach now because warming of more than 1 degree C has already taken place and further rises in temperature are "locked in" due to the emissions already in the atmosphere.

The U.N. [climate](#) summit that is taking place in Glasgow from Oct. 31 to Nov. 12 will see governments discuss what more each country can do to curb [global warming](#) and ensure those affected by the impact of it

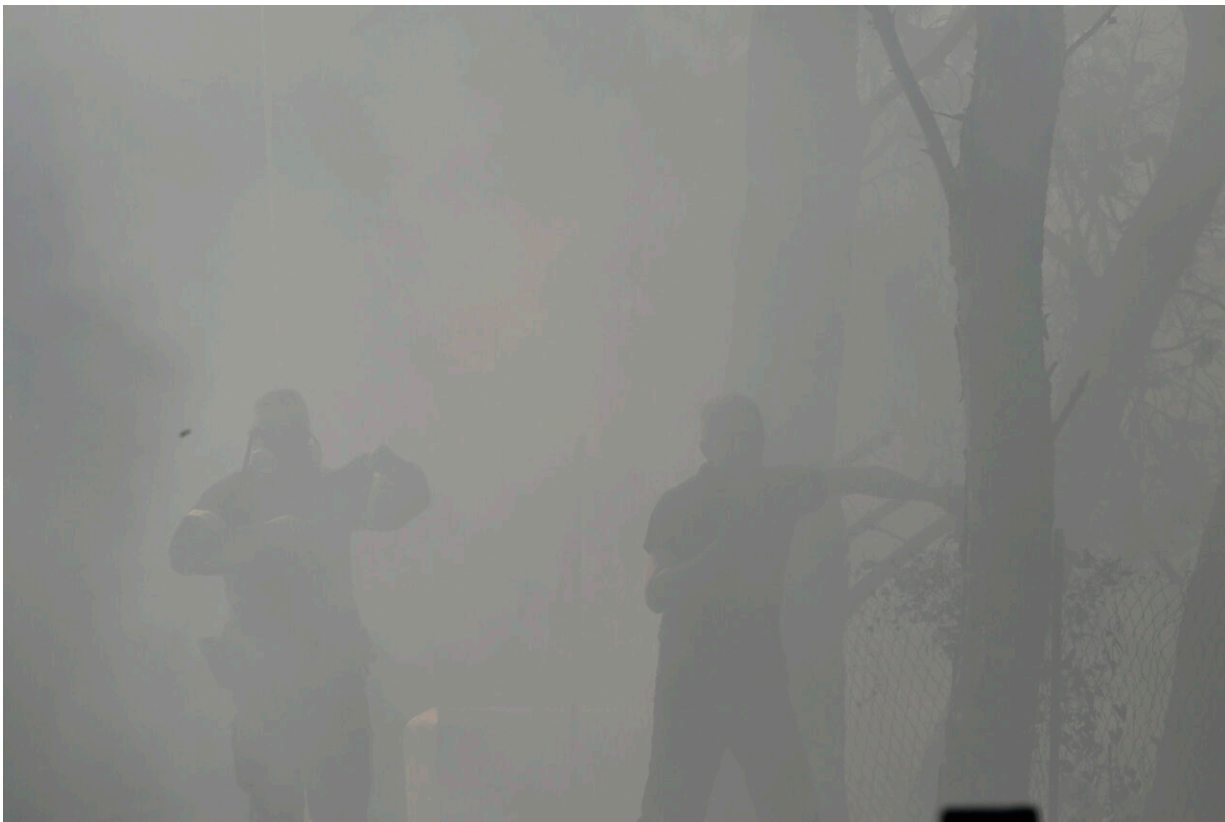
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In this file photo dated Friday, Aug. 6, 2021, a man watches as wildfires approach Kochyli beach near Limni village on the island of Evia, about 160 kilometers (100 miles) north of Athens, Greece. A new massive United Nations science report is scheduled for release Monday Aug. 9, 2021, reporting on the impact of global warming due to humans. Credit: AP Photo/Thodoris Nikolaou



In this file photo dated Monday, July 19, 2021, a woman looks at cars and homes damaged after torrential rain caused flooding in Liege, Belgium. A new massive United Nations science report is scheduled for release Monday Aug. 9, 2021, reporting on the impact of global warming due to humans. Credit: AP Photo/Valentin Bianchi, FILE



In this file photo dated Saturday, Aug. 7, 2021, firefighters operate in Thrakomacedones area, in northern Athens, Greece, as wildfires raged uncontrolled through much of Greece and Turkey, forcing thousands to flee by land and sea. A new massive United Nations science report is scheduled for release Monday Aug. 9, 2021, reporting on the impact of global warming due to humans. Credit: AP Photo/Michael Varaklas, FILE

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