



Live TV

News

Video

Opinion

Diaspora

India Global

#RaceToWhiteHouse

Asia

Australia

Europe

UK

News > World News > Air Pollution, Wildfires Linked To 135 Million Premature Deaths: Study

Air Pollution, Wildfires Linked To 135 Million Premature Deaths: Study

Weather phenomena like El Nino and the Indian Ocean Dipole worsened the effects of these pollutants by intensifying their concentration in the air, Singapore's Nanyang Technological University (NTU) said, unveiling the results of a study led by its researchers.

World News | Agence France-Presse | Updated: June 10, 2024 3:48 pm IST

QUICK LINKS

World News PNR

Business News Sj

MP Chhattisgarh Ne

Marathi News Mo



TRENDING

Viral Video Shows "Mysterious" Animal At Rashtrapati Bhavan During Oath

BJP's Amit Malviya Seeks Apology From RSS Member For "Derogatory" Post

Poll Losers Named Ministers, Winners Miss Out: Many Surprises In Modi 3.0

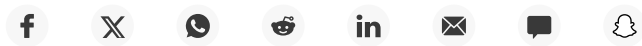
3 Foreign Terrorists, US-Made M4 Rifles In Reasi Terror Attack: Sources

30 Cabinet Ministers In New Modi Government: See List

In Squabble Over Minister Berths, Ajit Pawar, Eknath Shinde's Waiting Game



Weather patterns increased the deaths by 14 percent, the study found (Representational)



Singapore: Pollution from man-made emissions and other sources like wildfires have been linked to around 135 million premature deaths worldwide between 1980 and 2020, a Singapore university said Monday.

Weather phenomena like El Nino and the Indian Ocean Dipole worsened the effects of these pollutants by intensifying their concentration in the air, Singapore's Nanyang Technological University (NTU) said, unveiling the results of a study led by its researchers.

The tiny particles called particulate matter 2.5, or "PM 2.5", are harmful to human health when inhaled because they are small enough to enter the bloodstream. They come from vehicle and industrial emissions as well as natural sources like fires and dust storms.

The fine particulate matter "was associated with approximately 135 million premature deaths globally" from 1980 to 2020, the university said in a statement on the study, published in the journal Environment International.

It found that people were dying younger than the average life expectancy from diseases or conditions that could have been treated or prevented, including stroke, heart and lung disease, and cancer.

Weather patterns increased the deaths by 14 percent, the study found.

Asia had the "highest number of premature deaths attributable to PM 2.5 pollution" at more than 98 million people, mostly in China and India, the university said.

Pakistan, Bangladesh, Indonesia and Japan also had significant numbers of premature deaths, ranging from 2 to 5 million people, it added.

The study is one of the most expansive to date on air quality and climate, using 40 years of data to give a big-picture view of the effects of particulate matter on health.

"Our findings show that changes in climate patterns can make air pollution worse," said Steve Yim, an associate professor at NTU's Asian School of the Environment. who led the study.

Listen to the [latest songs, only on JioSaavn.com](#)

"When certain climate events happen, like El Nino, pollution levels can go up, which means more people might die prematurely because of PM 2.5 pollution," Yim added.

"This highlights the need to understand and account for these climate patterns when tackling air pollution to protect the health of the global population."

The Singapore researchers studied satellite data from the US National Aeronautics and Space Administration (NASA) on the levels of particulate matter in the Earth's atmosphere.

They analysed statistics on deaths from diseases linked to pollution from the US-based Institute for Health Metrics and Evaluation, an independent research centre.

Information on weather patterns during the period was taken from the National Oceanic and Atmospheric Administration in the United States.

The study focused only on the effects of ordinary weather patterns on air pollution, Yim said, adding that the impact of climate change will be the subject of future studies.

Researchers from universities in Hong Kong, Britain and China were also involved in the study.

Sajni
Ram Sampath, Arijit Singh, I

2:50

2 Apna Bana Le
Sachin, Neha Kakkar, Alka Yagnik, Pr...

4:21

The World Health Organization has said the "combined effects of ambient air pollution and household air pollution" are associated with 6.7 million premature deaths worldwide every year.

(Except for the headline, this story has not been edited by NDTV staff and is published from a syndicated feed.)

Post a comment

India Elections | Read Latest News on Lok Sabha Elections 2024 Live on NDTV.com. Get Election Schedule, information on candidates, in-depth ground reports and more - #ElectionsWithNDTV

WATCH LIVE NEWS:

NDTV मराठी, NDTV इतिहास, NDTV मध्य प्रदेश उत्तीर्ण, NDTV राजस्थान, NDTV 24x7

FOLLOW US: X, f, @, 📞

air pollution premature deaths, air pollution deaths, air pollution and deaths news

taboola Feed

Only on StarHub

Starhub | Sponsored

Sign Up

People Over 45 Are Playing This Game To Stay Relaxed (Try)

Taonga: The Island Farm | Sponsored

Play Now



N Vijay Sethupathi On Refusing To Work Opposite Krithi Shetty: "She Is A Little Older Than ...

Vijay said, " I played her father in Uppena, which the makers didn't know about"

NDTV

7-Figure Investor Reveals: Top Stocks To Watch In 2024

Webinar Wealth Academy Global | Sponsored

Click Here

NRIs Are Getting Eligible For INR 2 Lakh Monthly Pension On Retirement. Invest 18K/M

Best NRI Investment Plan! | Sponsored

Get Offer

Bulk buying rush at Japan Donki, 40s women face changed

URUHIME MOMOKO | Sponsored

Learn More

N Mom-To-Be Richa Chadha's Adorable Message To Husband Ali Fazal: "Bouts Of Love For...

Richa wrote, "Guddu, baby you're too good. Love you"

NDTV

Do This Everyday to Ease Eczema Flare-Ups

Superfood Reviews | Sponsored

Shop Now



NDTV

LATEST NEWS



Here Are The Harmful Effects Of Consuming Instant Noodles



Watch: Smiles, Hugs As Sonia Gandhi Calls On Sheikh Hasina



'Avoid Pointless Blame Game': Lt Governor To AAP Ministers Over Water Crisis



Not Modi's PMO But People's: PM Modi's Message As He Begins Third Term



[About Us](#) | [Advertise](#) | [Brand Amp](#) | [Archives](#) | [Apps](#) | [Careers](#) | [Channels](#) | [Disclaimer](#) | [Feedback](#) | [Investors](#) | [Redressals](#) | [Service Term](#)

this website follows the dnpa code of ethics | © copyright ndtv convergence limited 2024. all rights reserved.