

Delhi battling dual crises of pollution and coronavirus

November 5 2020



A man uses his mobile phone as he rides a camel along a street in smoggy New Delhi

India's capital is reeling from the double impact of the coronavirus and severe air pollution, New Delhi's chief minister warned Thursday, as the

megacity reported a record jump in cases and its worst smog in a year.

With fears growing about rising infections, Chief Minister Arvind Kejriwal also banned firecrackers from being used this month during Diwali, the biggest festival on the Hindu calendar.

The air quality index—measuring the tiny particles which enter the bloodstream and [vital organs](#)—was at its most dangerous since last November, according to the state-run System of Air Quality Weather Forecasting and Research (SAFAR).

The toxic haze blanketing Delhi, which regularly turns the city of 20 million people into the world's most-polluted, came as officials late Wednesday reported a new daily-high of 6,842 [virus infections](#) in the capital.

And the filthy air is actually driving more cases of COVID-19, Kejriwal told an online briefing.

"The corona situation is worsening because of pollution," he said, echoing medical analysis which says existing illnesses caused by [poor air quality](#) could make people more vulnerable to the coronavirus.

Anumita Roy Chowdhury, of the Delhi-based Centre for Science and Environment, told AFP: "Some global studies have already shown how the effect of the pandemic is higher in more polluted regions."

And Santosh Harish, at the Delhi-based Center for Policy Research, said: "Evidence from previous related infections and emerging research suggest that pollution exposure could increase severity of the infection, and the transmission of the virus."



Every winter, Delhi is blanketed by haze from a build-up of vehicle fumes

More crop burning

Kejriwal blamed the choking smoke on agricultural burning, saying regional state governments were not helping farmers to find alternative ways to clear their fields.

"We will come together to celebrate Diwali without crackers. If we burst crackers, we are affecting the lives of our family and our children," he added.

The cracker frenzy usually turns Delhi's grey winter skies into a putrid

yellow.

Every winter, Delhi is blanketed by haze from a build-up of vehicle fumes, industrial emissions and smoke from agricultural fires in regions around the capital.

The pollution is exacerbated by [cooler temperatures](#) and slow-moving winds that trap pollutants over the city.

SAFAR said Thursday that crop stubble burning in states near the capital was the highest this season with some 4,135 fires.

India is the world's second most-infected nation after the United States with more than 8.3 million COVID-19 cases.

Healthcare systems, already stretched by the pandemic, could be further stressed by more hospitalisations from pollution-related illnesses, researchers say.

© 2020 AFP

Citation: Delhi battling dual crises of pollution and coronavirus (2020, November 5) retrieved 8 May 2024 from <https://medicalxpress.com/news/2020-11-delhi-dual-crises-pollution-coronavirus.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--