

CERCA Weekly Newsletter

January 04, 2019

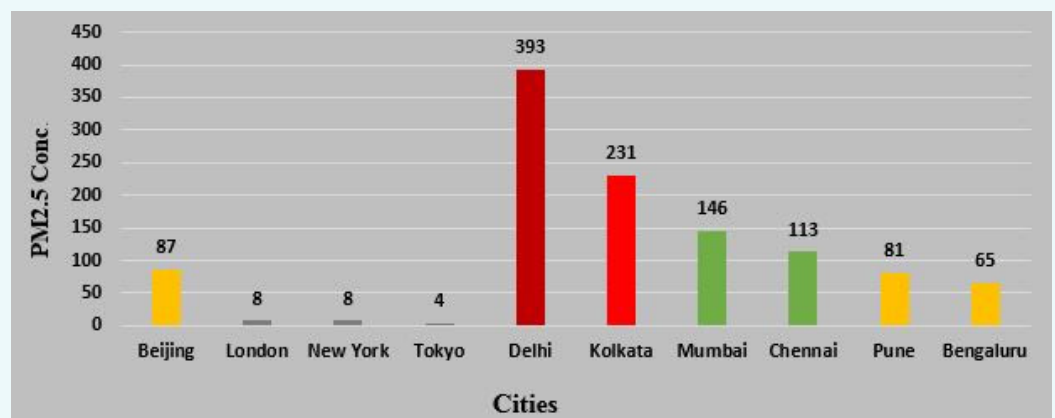
Center of Excellence for Research on Clean Air



Indian Institute of Technology, Delhi



Air Quality in different cities

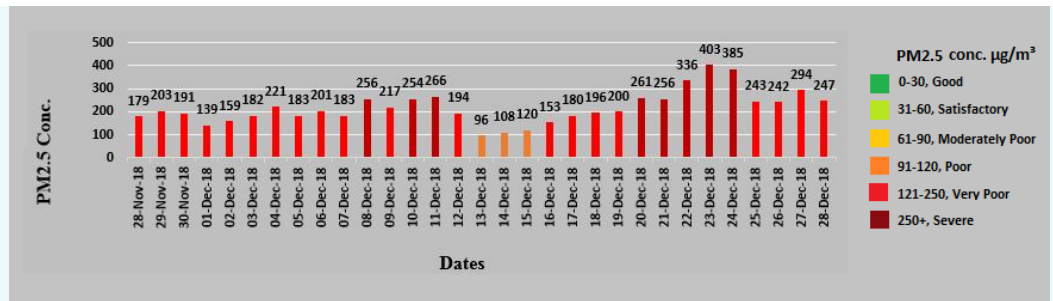


Delhi air quality is Severe whereas Beijing is Moderately Polluted

January 03, 2019, 10:00-11:00 IST (Hourly Average)

Data Source: Berkeley Earth

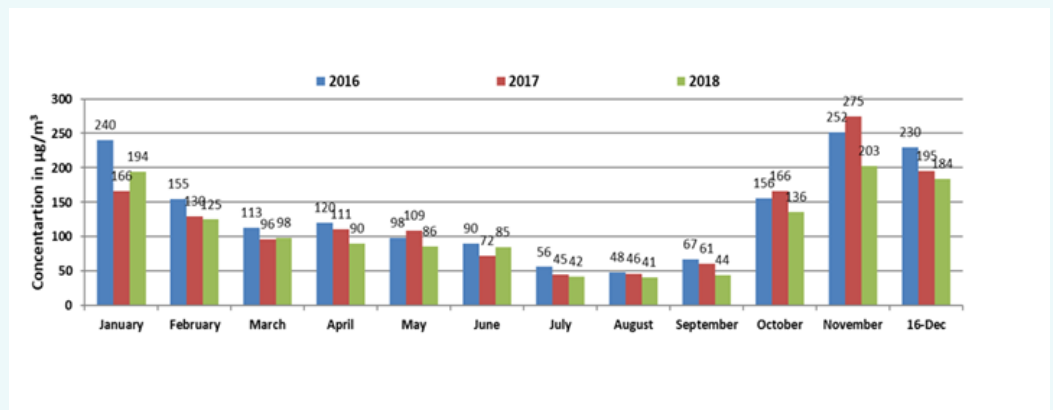
Delhi air quality for last 30 days



Average PM2.5 Air Quality for 10 stations in Delhi.

Data Source: CPCB

Delhi long term air quality trend



About 18 % decrease in PM2.5 levels in October, about 26 % in November and about 6 % in December 2018 in comparison to corresponding months in 2017 have been observed.

Thought Leader

[Death in the air: on tackling air pollution](#)

It is time clean air is made a front-line political issue.

<https://www.thehindu.com/opinion/editorial/death-in-the-air/article25704939.ece>

Source: The Hindu

New Measures and Initiatives

[Pollution Board orders Delhi, NCR official to show 'zero tolerance'](#)

In view of the national capital's 'severe' air quality, the CPCB-led task force has directed implementing agencies of Delhi-NCR to take action with "zero tolerance" to waste burning and construction activities.

<https://www.thehindu.com/news/cities/Delhi/adopt-zero-tolerance-to-waste-burning/article25867997.ece>

Source: *The Hindu*

Action plans in place

Strengthening and implementation of long term action for prevention and control of air pollution in Delhi-NCR to be a goal in 2019.

<https://www.thehindu.com/news/cities/Delhi/action-plans-in-place-implementation-of-pollution-control-policies-to-be-key-in-2019/article25845076.ece>

Source: *The Hindu*

Health Impact

Time to act: air pollution is damaging our brains as well

A recent study found that in elderly people living in China, long-term exposure to air pollution may hinder cognitive performance.

<https://scroll.in/article/907388/not-only-lungs-and-heart-air-pollution-may-be-seriously-damaging-our-brains-as-well>

Source: *Scroll*

Delhi air pollution is triggering health crisis

Pollution in Delhi has reached its Severe level this year in the past two days, prompting authorities to rate conditions as "severe to emergency", which indicates the potential for a public health crisis

<https://www.theguardian.com/world/2018/dec/24/delhis-worst-air-pollution-this-year-raises-fear-of-public-health-crisis>

Source: *The Guardian*

International Developments

China's war on air pollution is leading to rise of ozone pollution

PM 2.5 pollution is falling but ground-level ozone pollution is on the rise.

<https://www.seas.harvard.edu/news/2018/12/china-s-war-on-particulate-air-pollution-is-causing-more-severe-ozone-pollution>

Source: *Seas Harvard*

Singapore 'smoking ban' sounds radical, but it's an odd way to reduce air pollution

On January 1 2019, Singapore will introduce a "no smoking zone" along a three kilometer stretch of Orchard Road, as a way of tackling air pollution and improving public health.

<https://www.ecowatch.com/singapore-smoking-ban-air-pollution-2624937199.html>

Source: *Ecowatch*

New Research (study) or Policy

[Delhi: Best December in last three years](#)

According to CPCB data, December 2018 has been cleaner in terms of air quality in comparison to last three years.

<https://timesofindia.indiatimes.com/city/delhi/believe-it-or-not-this-was-best-dec-in-3-yrs/articleshow/67330085.cms>

Source: Times of India

[Air Pollution linked to 10 lakhs death in India: 2017 Study](#)

Lancet Planetary Health journal said that Delhi recorded 12,322 deaths due to air pollution last year. Delhi recorded the highest PM 2.5 exposure level followed by Uttar Pradesh, Bihar and Haryana and Rajasthan.

<https://www.ndtv.com/india-news/study-shows-poor-air-quality-cut-life-expectancy-in-delhi-by-1-5-years-1958887>

Source: NDTV

New Technology

[Electric bus trial on Anand Vihar ISBT-Mehrauli begins](#)

Transport Minister Shri Kailash Gahlot flagged off third electric bus that will ply on route No. 534 Anand Vihar ISBT to Mehrauli in the city.

<https://www.newdelhitimes.com/trial-for-electric-bus-begins-on-route-anand-vihar-isbt-mehrauli/>

Source: New Delhi Times

[FAME II to drive India's clean mobility push in 2019](#)

Government is keen to give its push in 2019 with a new National Auto Policy and an ambitious 'FAME II' scheme to leapfrog India to a future driven by clean mobility.

<https://auto.economictimes.indiatimes.com/news/industry/new-auto-policy-fame-ii-to-drive-indias-clean-mobility-push-in-2019/67241019>

Source: Economic Times

For more details, visit our website <http://cerca.iitd.ac.in>

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