



SAMEER App

Why in News

SAMEER App is one of the air pollution mitigation measures which provides **hourly updates** on the [National Air Quality Index \(AQI\)](#).

- The app is developed by the [Central Pollution Control Bureau \(CPCB\)](#) which provides information on air quality for more than 100 cities across the country.
- The app represents the listed cities in a **colour-coded format based on their AQI levels**.
- The app can also be used to **file or track complaints** related to garbage dumping, road dust, vehicular emissions or other pollution issues in a particular area.

National Air Quality Index (AQI)

- The AQI is an index for reporting daily air quality.
- It focuses on health effects one might experience within a few hours or days after breathing polluted air.
- AQI is calculated for eight major air pollutants:
 - Ground-level ozone,
 - PM10,
 - PM2.5,
 - Carbon monoxide,
 - Sulfur dioxide,
 - Nitrogen dioxide,
 - Ammonia,
 - Lead,
- Ground-level ozone and airborne particles are the two pollutants that pose the greatest threat to human health in India.

[Source:PIB](#)

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