



## News

**Planting Trees in Cities Leads to Positive Economic, Environmental and Health Benefits**

Worldwide, heat waves account for the deaths of 12,000 people per year while exposure to high levels of air pollution causes up to three million deaths per year. Many of these deaths occur in large urban cities as an increasing number of the earth's population are choosing to live in urban rather than rural locations. The World Economic Forum (WEF) claims there is "One beautifully simple action that municipal leaders can take to reduce both extreme heat and air pollution: plant more trees." It further claims that planting trees "Is a one-two punch of environmental action." This is due to the fact that trees and other green vegetation are responsible for naturally cooling the air around but also because they act as filters and are capable of reducing particulate matter (PM) levels in the surrounding 30 metres by.....[Read more...](#)

**Date:** February 15, 2018

**Source:** <http://www.senseandsustainability.net/>

**Indoor plants help reduce pollution**

A study conducted by the School of Energy, Madurai Kamaraj University, found that household appliances also contribute to greenhouse gases, and indoor plants can help to tackle the problem, say experts. NASA's Clean Air Study, has said that the common indoor plant may be the best way to overcome the sick building syndrome, which is attributed to poor indoor air quality. Plants which can be easily grown indoors with less requirement of sunlight were ideal 'cleaners of the air', said chairman of School of Energy, Madurai Kamaraj University, Dr K Muthuchezhian. He said that much is being said about trees being the best solution to all types of environmental pollution, including dust and air. But, trees take long to grow and with many people living in apartments growing a tree to tackle.....[Read more...](#)

**Date:** February 23, 2018

**Source:** <https://timesofindia.indiatimes.com/>

**In times of pollution, air purifying plants at Noida flower show a hit with visitors**

'Detox plants', which act as 'vacuum cleaners' inside the house, are a hit in the ongoing Noida Flower Show, as residents and nature enthusiasts are preferring them for pollution control as well as interior decoration. Plants such as Aloe Vera, Sansevieria, Areca Palm, Dracaena, Rubber Plant and Money Plant are in demand in the three-day long flower show which was inaugurated on Friday evening.

As many as 85 stalls have been put up by florists, gardening equipment wholesalers and seed retailers at the on going flower show. Entry to the show has been made free for all. However, this year, it's the pollution control plants that have been grabbing all eyeballs.

"We are hosting the 32nd Noida Flower Show this year and its themes are controlling air pollution and conserving water.

We have several plants that control air pollution inside the house such as Aloe Vera, Sansevieria, Areca Palm, Dracaena, Rubber Plant, Spider Plant Money Plant, Ficus Benjamina, Golden Pothos, Syngonium and Peace Lilly," Deepa Pasricha, joint secretary,.....[Read more...](#)

**Date:** February 24, 2018

**Source:** <https://www.hindustantimes.com/>

**CSIR project to find pollution spots**

To warn people of pollution hotspots, the National Institute of Science, Technology and Development Studies (NISTADS) — the policy arm of the Council of Scientific and Industrial Research (CSIR) — is rolling out a project to install pollution sensors at the Capital's traffic junctions.

The aim, said NISTADS director Prashant Goswami, was to develop a messaging alert system that will warn people of spikes in pollution in certain localities. For over a year, NISTADS researchers have been running a test project that involved a pollution-monitoring unit affixed on a van which went around specific localities in Delhi. It recorded the waxing and waning of particulate matter throughout the day.

Generally, pollution levels tended to be higher in the morning and ebbed as the sun ascended.

"Along with our own data, we have also analysed pollution data collected by the Central Pollution Control Board [CPCB]," said Mr. Goswami, adding, "However, there is no information on how pollution levels changed throughout the day. That is what we hope to conceive as a service."

The NISTADS expects private companies to buy the idea, tap the CSIR body's database and offer this as a product similar to how Google Maps warns users of an impending roadblock.

The process of data collection is still on and the NISTADS is also looking to develop a prototype of pollution sensor that can be easily affixed.....[Read more...](#)

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