



News

Researchers are using plants to tackle urban pollution

Plants in their many different forms have yet to reveal all their secrets. For several years now, Michel Labrecque, a botanist and adjunct professor at Université de Montréal – also a member of the university's plant biology research institute (known by its French acronym IRBV) – has been studying the ability of vegetation to filter contaminants. Over the past two years, under his leadership, a multidisciplinary team of researchers has been working on a major[Read more...](#)

Date: May 16, 2018

Source: University Affairs/Affaires Universitaires

When it's hot, plants become a surprisingly large source of air pollution

Planting trees is often touted as a strategy to make cities greener, cleaner and healthier. But during heat waves, city trees actually boost air pollution levels. When temperatures rise, as much as 60 percent of ground-level ozone is created with the help of chemicals emitted by urban shrubbery, researchers report May 17 in Environmental Science & Technology....[Read more...](#)

Date: May 17, 2018

Source: Science News

Vimannagar residents to fight indoor pollution with plants

This World Environment Day, the group is encouraging citizens to adopt plants that can produce more oxygen and clean the air indoors. Special focus is on Vimannagar residential societies. Col Shashikant Dalvi (Retd), district manager of CRPI, said pollution levels in the Vimannagar area have risen manifold due to the increase in vehicular movement around the Lohegaon airport, Vishrantwadi and Kharadi areas. "With rising pollution in the area, pollutants have.....[Read more...](#)

Date: May 23, 2018

Source: The Times Of India

Deciduous trees with compound leaves more tolerant to air pollution: study

Degrading air quality in metro cities is a matter of concern for public health. Massive tree plantation drives are often conducted in order to provide oxygen to choking cities. But trees, much like humans, also are severely affected by pollutants in the air. In such a situation, knowledge about trees capable of withstanding heavily polluted environment is needed, particularly while designing green belts in urban areas. A new study done by researchers at the[Read more...](#)

Date: May 24, 2018

Source: The Hindu Business Line

Tips to avoid indoor air pollution

Air pollutants like particulate matter (PM), ozone (O₃), sulphur dioxide (SO₂), nitrogen dioxide (NO₂), carbon monoxide (CO), and lead (Pb) can affect the lung in numerous ways like inflammation, oxidative stress, and cell cycle death. Indoor air pollution is very much real and it can be five times or worse than outdoor air pollution. From everyday consumer products and household habits such as paints, pet allergens to cooking gas can be an additional source.....[Read more...](#)

Date: May 30, 2018

Source: The Indian Express

Plant physiologist: Use plants to reduce indoor pollution and save energy

The use of plants indoors can reduce pollution and save energy, according to a plant physiologist at the National Research Council of Italy – Institute for Sustainable Plant Protection. "For most of us plants are just a decorative element, something aesthetic, but they are also something else," plant physiologist Frederico Brilli said. Plants are so much more than their appearance. The use of plants indoors can improve air quality in different ways.....[Read more...](#)

Date: May 30, 2018

Source: Pollution News

How to use your garden to fight pollution

The 'Phyto-sensor' toolkit was developed by the Citizen Sense research group that is led by Goldsmiths sociologist, Professor Jennifer Gabrys. Professor Gabrys said: "Recent news coverage has highlighted the serious issues this country faces both in pollution levels in towns and cities. This report provides timely advice for people who want to know how they can use vegetation to both mitigate and monitor pollutant levels. This is a citizen's toolkit for planting air[Read more...](#)

Date: May 31, 2018

Source: Gold Smith University of London

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