



The Environmental Information System at Eco-Auditing Laboratory, National Botanical Research Institute is focussed on "Plants & Pollution". This is the E-mail Publication that Feature News, Information and Events Related to Plants & Pollution.

The Focus of ENVIS has been on Providing Environmental Information to Decision Makers, Policy Planners, Scientists and Engineers, Research Workers, etc. all over the World.

Eco-Auditing Group is Involved in R & D on Eco-Monitoring, Environmental Impact Assessment, Eco-Friendly Models that are Technologically and Economically Feasible for Phytoremediation of Polluted Lands and Polluted Waters etc.

News

Does urban greenery improve our health?

Can the fact that you live on a tree-lined street or that you are within a few minutes' walk from a park impact your physical and mental health? This question has drawn a lot of interest in recent years, especially with the concerns of climate change, pollution and overpopulation, and it is undeniable that more and more research points to strong connections between urban greenery and public health. [Readmore...](#)

Date: 12 March, 2015

Source: <http://www.philly.com>

How City Trees, Related Vegetation Reduce Pollution, Improve Health

The National Arbor Day Foundation has a simple app on its website that allows visitors to see how a city changes as it adds tree cover and other vegetation. Using a little sliding tool, one can gradually change the illustration from one with few trees to one with abundant trees. The difference is striking: everyone I know would prefer to live in the greener city. I love the Arbor Day app, but this is not a new subject for me. [Readmore...](#)

Date: 19 March, 2015

Source: <http://www.huffingtonpost.com>

Green space in cities may soothe the heart

Turning vacant lots into attractive green plots may make life less stressful for city residents, a new study suggests. The research included people in two Philadelphia neighborhoods who wore heart rate monitors when they went for walks in their area. Some vacant lots in one neighborhood underwent "greening" -- which included cleaning, debris removal, planting grass and trees and installation of a low wooden post-and-rail fence. The participants walked past the vacant lots three months before and three months after some of the lots received the greening treatment. [Read more..](#)

Date: 20 March, 2015

Source: <http://www.wnct.com>

Urban forests save lives, analysis finds

VANCOUVER — Lawns, shrubs and trees cool and clean the air in urban environments, absorbing air pollutants and particulate matter and improving human health, according to an analysis released today by the David Suzuki Foundation. Forest is a particularly potent filter for airborne particulates, which is an aggravating factor in lung disease and asthma. Scientists estimated that urban forest in London, U.K., with a density of 20 per cent, removes between 852 and 2,121 tonnes of coarse particulates each year. [Read more...](#)

Date: 25 March, 2015

Source: <http://blogs.vancouversun.com>

How much of the world's fossil fuel can we burn?

The world is gradually waking up to the true nature of the climate change conundrum, and not a moment too soon. The situation boils down to this: fossil fuel is immensely useful, valuable and politically important, yet if we want to avoid taking unacceptable risks with the planet we need to leave most of that fuel in the ground – either forever or at least until there's an affordable and scalable way to stop the exhaust gases building up in the atmosphere.

[Read more...](#)

Date: 25 March, 2015

Source: <http://www.theguardian.com>

Trees are our ecological treasures

Johannesburg – In 2012, the UN General Assembly officially recognised the vital importance of forests and trees for biodiversity, mitigating climate change and reducing pollution. Established in 2013, the International Day of Forests was this year held on March 21. It aims to raise public awareness of the importance of all types of forests and of trees outside forests. The theme for this year, Forests and Climate Change, highlights forest-based solutions to climate change and sustainable development. Research into climate change has found that: Are forests vital to biodiversity and climate change? "Forests are the world's air-conditioning system, the lungs of the planet, and we are on the verge of switching it off," says Britain's Prince Charles. Forests play a key role in our battle to adapt to and mitigate climate change. They contribute to the balance of oxygen, carbon dioxide and humidity in the air. What can you do to help mitigate climate change? Now is the time to plant a tree. How do you create a forest in your garden? Consider these indigenous trees which are ideally suited to small gardens: [Read more...](#)

Date: 27 March, 2015

Source: <http://www.iol.co.za>

How green spaces help to cut air pollution

Toronto - A new study indicates that green spaces in cities and towns provide health and environmental benefits, especially during hot weather. That urban green spaces are beneficial is based on open spaces and plants helping to filter out toxins and pollutants from the air. In addition, such spaces offer cooling zones during period of high temperatures. This is all from a report created by the aq. The document describes the effect of natural urban spaces (ranging from parkettes to green roofs and to larger natural spaces) on human physical and mental health. The report was prepared in conjunction with EcoHealth Ontario Research Working Group. The new study reviewed some 102 previously published studies from the previous five years. This review noted that the health and ecological benefits rise in proportion to the size, quality and density of the urban green space. The landscape of urban open spaces can range from playing fields to highly maintained environments to relatively natural landscapes. Discussing the outcome, Tara Zupanic, public health researcher and lead author of the report told Digital Journal: "This report confirms that abundant urban green spaces are essential for our health."

[Read more...](#)

Date: 27 March, 2015

Source: <http://www.digitaljournal.com>

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