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

News

20 percent more trees in megacities would mean cleaner air and water, lower carbon and energy use

Planting 20 percent more trees in our megacities would double the benefits of urban forests, like pollution reduction, carbon sequestration and energy reduction, according to a study in Ecological Modelling. The authors of the study, which was carried out at Parthenope University of Naples in Italy, say city planners, residents and other stakeholders should start looking within cities for natural resources and conserve the nature in our urban areas by planting more trees. Their work has been selected by an international scientific committee to be given the Atlas award.....**Read more...**

Date: 18 January 2018
Source: https://www.sciencedaily.com/

Effect of Pollution on Plants

Pollution is a widespread problem affecting the world as a whole. It comes in many forms including air, land, and water pollution and from a variety of sources including industry, commercial, and transportation sectors. Sometimes you can see it, but other kinds are invisible to the naked eye. Pollution does not only affect animals and humans, it has many negative effects on plants as well. Some of these effects include leaf damage, slower growth, root damage,…....**Read more...**

Date: 28 January 2018
Source: https://greentumble.com/

Low cost air pollution monitor launched in Chennai

CHENNAI: Urban Sciences, a Mumbai-based company, on Monday launched sale of its low cost air pollution monitor in Chennai. Urban Sciences developed the air pollution monitor in association with Huma Lung Foundation and the Other Medi's Healthy Energy Initiative. Founder and CEO of the company Ronak Sutaria said the pollution monitor is built using an optical laser censor, which will record the data in digital format. The data will be transferred to an analog mode. Every five minutes the data can viewed on the monitor. The handy monitor is calibrated to provide both PM2.5 and PM10 levels of pollution. It has a power backup for eight hours and is priced at Rs 15,000…..**Read more...**

Date: 29 January 2018
Source: https://timesofindia.indiatimes.com/

Air pollution affects at least 47 million Indian children: Report

At least 47 million children under the age of five live in areas facing severe air pollution with dangerous effluent density, a report said on Monday. The report by Greenpeace-India, based on data from state and central pollution control boards, asserted that as many as 47 million children live in areas with pollutant PM10, or particulate matter in the air with diameter less than 10 microns, exceeding the safe limits. Of these 47 million children, all under five years of age, 17 million live in areas with PM10 twice the permissible standards or safe limit. National capital Delhi, along with Uttar Pradesh, Rajasthan, Bihar and Maharashtra, are the places where children are "worst affected"..……..**Read more...**

Date: 29 January 2018
Source: https://timesofindia.indiatimes.com/

Reduce Indoor Air Pollution

Scientists from the National Aeronautics and Space Administration (NASA), University of Georgia and Pennsylvania State University have demonstrated that potted plants in your home can improve your air quality. Plants remove pollutants by absorbing them through their leaves and roots, in much the same way they clean the outdoor air from the pollution given off by manufacturing plants, cars and heating systems. The top 10 plants to improve air quality are aloe, English ivy, rubber tree, peace lily, snake plant, bamboo palm, philodendron, spider plant, red-edge dracaena and golden pathos. The following video by the American Chemical Society reviews the research and explains how houseplants may be used to reduce the pollutants found in your home.…….**Read more...**

Date: 31 January 2018
Source: https://articles.mercola.com/

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 Phytoremedia--tion of Polluted Lands and Polluted Waters etc.

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