





Vol. 01, November 2021

CSIR-NATIONAL BOTANICAL RESEARCH INSTITUTE, LUCKNOW

News

SBULLETIN

The

Environmenta 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.

Celebrate green #Diwali2021 by gifting plants to your loved ones

The pandemic is not over yet. We never know, the virus might be still lurking round the corner, waiting for an opportunity to strike back with a vengeance. And now that COVID cases are on the rise again post Durga Puja, it's all the more important we continue following hygienic and healthy habits during Diwali celebrations. The best thing to do in such a situation is to go green, literally! Nature has its unique ways of protecting us. So, this Diwali, show your affection to your friends and relatives by sending them thoughtful, eco-friendly gifts. You can either send them a bouquet of flowers or gift them plants. "Gifting plants on Diwali is perhaps the best thing to do in this pandemic. The lockdowns, last year, have helped Mother Nature heal to some extent and the only way to ensure a better future is to plant more trees and increase the green cover around us. **....Read more...**

Date: November 03, 2021 **Source:** Times of India

Yes, Plants Can Absorb Sound—Here Are 5 Leafy Beauties That'll Help Turn Down the Volume in Your Home

While I, unfortunately, didn't inherit my mom's green thumb, my love for plants is definitely at a level 10. I am always in awe of what they can do. Besides transforming your home into a dreamy, leafy paradise (because, vibes), plants help clean up your air, add a pop of color to any space, bring abundance energy, and even repel insects. Another cool thing they're capable of? Some sound-absorbing plants are natural noise cancellers. "Plants and trees have been used for years as barriers against traffic and other urban noise pollution sources," says Gladys M-Curtis, PhD, a plant scientist for Garden Safe, a pest control solutions company. "Trees are planted along freeways to help reduce the amount of noise distributed in adjacent communities."

Date: November 06, 2021 Source: Well and Good News

Cannabis can clean toxic mines and industries

Industrial cannabis is under investigation as both a tool to remove toxic heavy metals from Johannesburg's mining and heavy industry wastelands, as well as turn a profit from vast land tracts unsuitable for agriculture or human settlement. The legacy from more than 130 years of highly-profitable, cavalier and irresponsible mining practices has left the metropolis perched above acid mine drainage contamination, as well as heavy metal concentrations hazardous to human health and wildlife. There are at least 380 mine residue areas in Gauteng containing "elevated levels of toxic and radioactive metals" that includes high concentrations of arsenic, cadmium, cobalt, copper, zinc, and uranium, says Mariette Liefferink, a leading voice against acid mine drainage pollution and the chief executive of the Federation for a Sustainable Environment. She cites Randfontein's Robinson Lake uranium levels that are 40 000 times above normally occurring rates.Read more...

Date:November 07, 2021Source:Mail & Guardian

Delhi govt installs bamboo structures, sprinkles water to remove froth from Yamuna; faces criticism for 'cover-up'

NEW DELHI: A day after the Delhi government deployed 15 boats in the polluted River Yamuna to remove toxic froth at Kalindi Kunj banks, where people were gathering for Chhat puja despite restrictions, bamboo structures were installed and water sprayed from tankers on Wednesday to dissipate the foam. As the administration faced flak for these 'cover-up' measures, officials admitted that the problem of frothing -- a sign of the river's hazardous water quality -- will continue unless sewage treatment plants and common effluent treatment plants in Delhi are upgraded to meet the new standards and all unauthorised colonies are connected to the sewer network. **.....Read more...**

Date: November 10, 2021 **Source:** The Times of India

Chandigarh: Microbes, plants to treat polluted water in rivulets

MC to use plants and microbes to treat polluted water in rivulets at several locations; phytoremediation will be used at Faida village, where untreated sewage water is flowing into choe. After failing to plug all sewage leaking points into the seasonal rivulets, now plants and micro-organisms will be put to use to treat polluted water in several locations. The technique of phytoremediation will be employed at Faida village, where the untreated sewage water is flowing into the Faida choe which ultimately mixes into the N-choe. There is no sewer network in the village. The site was recently inspected by MC officials. It was found that the Faida colony is developed on private land at Faida village. There are a lot of points from where the sewage of the colony directly flows into the Faida Choe.Read more...

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.

Date:November 15, 2021Source:Hindustan Times

NEWSBULLETIN COMMITTEE

Executive Editor Dr. Pankaj Kumar Srivastava

Compiled By Mr.Sunil Tripathi, Mr. Diwakar Saini

NBRI ENVIS Node: http://www.nbrienvis.nic.in NBRI Website: http://www.nbri.res.in ENVIS Cell: http://envis.nic.in Ministry of Environment & Forests: http://envfor.nic.in pankajk@nbri.res.in