



News

Hot Way to Clean Polluted Soil Passes Lettuce Test

Engineers Kyriacos Zygourakis and Pedro Alvarez of Rice University and their colleagues have fine-tuned their method to remove petroleum contaminants from soil through the age-old process of pyrolysis. The technique gently heats soil while keeping oxygen out, which avoids the damage usually done to fertile soil when burning hydrocarbons cause temperature spikes. While large-volume marine spills get most of the attention, 98 percent of oil spills occur on land, Alvarez points out, and the Environmental Protection Agency gets reports of 25,000 spills a year. That makes the need for cost-effective remediation clear, he says. "We saw an opportunity to convert a liability, contaminated soil, into a commodity, fertile soil," says Alvarez, professor of civil and environmental engineering.....[Read more...](#)

Date: February 01, 2019**Source:** Futurity**Mayor's green fund helps schools fight toxic air**

Projects include green 'pollution barriers' for schools that will help protect against pollution, plus new green spaces for housing estates, community gardens to help improve mental health and wildlife habitats in parks. Greening playgrounds with climbing plants across entire walls, hedges, and wider green infrastructure can help boost air quality and reduce exposure to harmful emissions from busy roads. The winning Community Green Space projects include help for 29 primary schools located next to some of London's most polluted roads, which will receive a combined total of £400,000 for green infrastructure in playgrounds. Marner Primary School in Bromley-by-Bow, Tower Hamlets, has been awarded £30,000 to transform its playground with a range of green measures to.....[Read more...](#)

Date: February 06, 2019**Source:** Pro Landscaper Magazine**Green Patches, Seats At Regular Intervals Increase Walkability Quotient**

While on the one hand, Delhi has some of the most beautiful and pedestrian-friendly roads such as Sardar Patel Marg or Kasturba Gandhi Marg, it also has stretches such as the one between ISBT Kashmere Gate and Majnu Ka Tilla, where pedestrians are forced to walk on the main roads and risk their lives due to the lack of walkable footpath. Mention the word 'walkability' and it immediately conjures up an image of a foreign city such as Paris and London — with people walking on wide footpaths adorned with lush green trees and hedges, seats at regular intervals and colourful shops and eateries along the way. But a careful glance at our city will tell you that Delhi doesn't have to look beyond its territory to understand what the term entails. While on the one hand, Delhi has some of the most beautiful and pedestrian-friendly roads such as Sardar Patel Marg or Kasturba Gandhi Marg with their.....[Read more...](#)

Date: February 07, 2019**Source:** Hindustan Times**India, China leading global greening effort: NASA study**

India and China are leading the global greening effort, which is quite contrary to the general perception worldwide, a latest NASA study said Monday, observing that the world is a greener place than it was 20 years ago. The NASA study based on data received and analysed from its satellite said that India and China are leading in greening on land. "China and India account for one-third of the greening but contain only 9 per cent of the planet's land area covered in vegetation," said lead author Chi Chen of Boston University. "That is a surprising finding, considering the general notion of land degradation in populous countries from over exploitation," he said. The study published on February 11, in the Nature Sustainability journal said that recent satellite data (2000–2017)[Read more...](#)

Date: February 12, 2019**Source:** Economic Times**The Green New Deal Could Help Farmers Help the Planet**

This month, a group of Democratic lawmakers called for an ambitious plan for the United States to reach net-zero carbon pollution in 10 years. While experts debate whether the proposal is technologically or politically feasible, the so-called Green New Deal is about more than shifting to cleaner, more advanced forms of energy sources. It's also about shifting to more traditional forms of agriculture. While farming generally takes a back seat to energy in discussions of climate, it accounts for up to a third of carbon pollution, by one account. Tractors and trucks that harvest and transport our food burn gasoline and diesel, generating pollution. Synthetic fertilizers derived from fossil fuels spur the release of heat-trapping gas from the soil, and cows and sheep emit large volumes of planet-warming pollution. Then there is the matter of agricultural giants burning forests to clear land for farming and grazing, thereby releasing carbon stored in trees into the atmosphere and reducing the capacity.....[Read more...](#)

Date: February 14, 2019**Source:** Popular Science**NEWSBULLETIN COMMITTEE****Executive Editor**

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