



News

Rajasthan: To increase green cover, Jaipur Development Authority uses Japanese 'Miyawaki method' of plantation – Here's all you need to know

Jaipur, the capital city of Rajasthan, is slowly becoming a concrete jungle. To increase the green cover in the city the Jaipur Development Authority (JDA) is using a Japanese technique of plantation called the 'Miyawaki Method.' The officials claim that this method requires very little space like one can have 10,000 plants in a one-acre area. The plants grow ten times faster, and the forest becomes maintenance-free in three years. Urban development minister Shanti Dhariwal has recently initiated the plantation drive with the Miyawaki method at the Jawahar circle of Jaipur. The JDA is planning to plant 1.20 lakh shrubs and plants in a 30000 sqm area in 10 different parts of the city and outskirts of Jaipur. The government is planning to use this method in other cities of the state also.Read more...

Date: October 18, 2021

Source: The Free Press Journal

Mangrove campaigner wins environment award

Fisherman and mangrove campaigner Murukesan T.P. from Malippuram, Vypeen, has been chosen for the 24th PV Thampy Memorial Endowment Award given to people for their extraordinary contribution to environmental protection. Mr. Murukesan has planted and nurtured over 40,000 mangrove plants in the panchayats of Vypeen, Chellanam, Vallaradam, Cherai, Mulavukad, and Kadamakkudy over the past seven years. He has been working with the Kerala Forest department, growing mangrove plants in his own 8-cent property in Vypeen, and planting them in the areas demarcated by the department. He has created a mangrove nursery at home which can accommodate 15,000-20,000 saplings at a time. Hailing from a family of pokkali farmers, Mr. Murukesan says communities that live along the coastal stretches have always had to deal with rising sea levels and flooding.Read more...

Date: October 21, 2021

Source: The Hindu

Is the boom in green roofs and living walls good for sustainability?

Vegetation is returning to our cities. The trend started with rooftop planters on City banks in the 2000s, before spreading to the occasional green wall on a luxury hotel. Now, entire urban blocks are being transformed with ever-more ambitious plant projects. Heatherwick Studio and BIG's new headquarters for Google at King's Cross promises a grass-laden 'plateau', two 'tree walkways', a 'garden' and even a 'headland' on its roof. Eric Parry's latest City of London skyscraper will have a 26-storey green wall while KPF's 70 Gracechurch Street will have planted terraces on more than 25 storeys. Not to be outdone, an extension to Blackfriars Crown Court by Studio RHE will be topped with a 100-tree 'forest'. In Salford, construction has started on an 11-storey office building by Make,Read more...

Date: October 22, 2021

Source: Architects Journal

Plants May Help Make Your Surroundings Quieter

Trying to sleep on a noisy street amidst blaring car alarms and crunching construction machinery is, in a word, terrible. So is trying to work, relax, or spend time with loved ones — which is why the World Health Organization first declared noise to be a pollutant back in 1972. And beyond banning leaf blowers, some researchers have weighed whether shrubs, trees and other greenery can help muffle the noise. The possibility is one scientists first started to regularly investigate about 30 years ago, says Jian Kang, an environmental acoustics researcher at the University College London. Different studies have suggested that greenery has the potential to reduce noise by up to about five to 10 decibels, says Kang, a difference that's large enough for people to perceive as being half as loud as before.Read more...

Date: October 27, 2021

Source: Discover Magazine

Plant from plastics: Bio-based polymers can be transformed into fertilizer

To solve the plastic conundrum, we need to develop "circular" systems, in which the source materials used to produce the plastics come full circle after disposal and recycling. At Tokyo Institute of Technology, a team of scientists led by Assistant Professor Daisuke Aoki and Professor Hideyuki Otsuka is pioneering a novel concept. In their new environmentally friendly process, plastics produced using biomass (bioplastics) are chemically recycled back into fertilizers. This study will be published in Green Chemistry, a journal of the Royal Society of Chemistry focusing on innovative research on sustainable and eco-friendly technologies. The team focused on poly (isosorbide carbonate), or "PIC," a type of bio-based polycarbonate that has garnered much attention as an alternative to petroleum-based polycarbonates. PIC is produced using a non-toxic material derived from glucose called isosorbide (ISB)Read more...

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Source: Science Daily

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