



News

Delhi to plant 33 lakh saplings from June 5

The Delhi government announced on Wednesday that it will start a tree plantation drive in the national capital from June 5 on the occasion of the World Environment Day. Making the announcement, Delhi Environment Minister Gopal Rai said the government will plant around 33 lakh saplings this year, including both big and small trees, to curb the problem of pollution. "Last year, the Centre had given us a target to plant 15 lakh saplings in the city. We have planted 32 lakh saplings. This time, the target set by the Centre is to plant 18 lakh saplings, but the Delhi government has decided to plant at least 33 lakh saplings," Rai said during a press conference on Wednesday. Meanwhile, the minister also linked the shortage of oxygen during the second wave of the Covid pandemic to lack of trees.[Read more...](#)

Date: June 02, 2021

Source: India TV

Pollution-loving plants key to predicting adaptation to environmental change

Environmental change is happening so quickly that wild organisms can't keep up, and face substantial challenges. But some organisms may be able to adapt surprisingly rapidly to new circumstances. Predicting which species will be able to adapt quickly is far from straightforward, but an unassuming coastal plant may just hold the key to understanding how species adapt quickly to man-made habitats. Industrial-era mining has left thousands of places in Great Britain and Ireland with unnaturally high levels of toxic heavy metals in the soil. This mine contamination kills most plant species and has often left barren wastelands that haven't been colonized for hundreds of years. A team of researchers led by Bangor University have shown that a common wild flower, the sea campion (*Silene uniflora*) has managed to rapidly adapt to these toxic sites.[Read more...](#)

Date: June 04, 2021

Source: Phys.org

World Environment Day 2021: Restoring ecosystem and raising awareness

On June 5 every year, the nature empaths around the globe celebrate World Environment Day, encourage awareness, and observe its protection. Since 1974, World Environment Day has been celebrated, engaging governments, businesses, and citizens in an effort to address pressing environmental issues, with participation from over 143 countries annually. World Environment Day came into existence in 1972 by the United Nations Assembly on the first day Stockholm Conference held on the human environment and later in 1974, the day started to be celebrated with the theme "Only One Earth". The idea for rotating the center of these activities through selecting different host countries began in 1987. In 2013, the anthem was launched on the occasion of World Environment Day in New Delhi.[Read more...](#)

Date: June 05, 2021

Source: Business Standard

World Environment Day 2021: Here's a Look at Initiatives taken by Indian Railways to Become 'Green Railways'

On the occasion of World Environment Day 2021, Indian Railways tweeted various initiatives took up by them to save the nature. On Friday, the national transporter had said that the railways is working in mission mode to become the largest Green Railways in the world and is moving towards becoming a 'net zero carbon emitter' before 2030. On Saturday, Union Minister for Railways Piyush Goyal tweeted about initiatives taken to become Green Railways. It includes, electrification, renewable energy usage and eco-friendly solutions. Western Railway tweeted about water management calling it "one of the priorities of WR." "With installing of Effluent Treatment Plant and Waste Water Treatment Plant, precious fresh water is being saved by recycling it & reusing it for washing of coaches or other need,"[Read more...](#)

Date: June 05, 2021

Source: News 18

Bioremediation: The art of cleaning toxic waste with natural materials

Not many microbe stories unrelated to Covid-19 made headlines in 2020, but one that did involved an announcement in autumn by biochemists at the University of Portsmouth, who used an enzyme from a rubbish-dwelling bacterium that lives on a diet of plastic bottles to create a 'cocktail' capable of breaking down PET bottles at industrial speeds. Meanwhile, in March 2020, German scientists identified a strain of bacteria that feeds happily on polyurethane, a plastic that is generally resistant to biodegradation. The reason an organism becomes capable of digesting modern polluting scourges such as plastic is just chemistry and evolution. Many plastics are derived from natural organic materials such as hydrocarbons or cellulose, making it likely that something somewhere will find a way to exploit[Read more...](#)

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Source: Geographical

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