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Vol. 02, January 2017

NATIONAL BOTANICAL RESEARCH INSTITUTE, LUCKNOW

News

Quarrying destroys green Navi Mumbai hill

Stone quarrying around Navi Mumbai has destroyed a green hill at Mahape, near Shilphata, said a citizens' group, which has complained to the forest department and the Maharashtra Pollution Control Board (MPCB). The complaint by Shree Ekvira Aai Pratishthan (SEAP) said a 100-hectare forest was wiped out after a section of the hill was excavated for stone mining. The quarrying also creates dust pollution in the surrounding areas, which causes residents to fall ill, the complaint added. "Quarrying in this belt has been carried out for several decades. Some quarries even function without a license," said Nandkumar Pawar, head, SEAP. "A green mountain is on the verge of disappearing. This can be confirmed with the help of satellite maps from 2012 and earlier. The area is not barren and falls well within city limits." The hills are blasted with explosives as part of the process. This is followed by drilling into the rock. The extracted stone is then crushed for construction purposes.... Read more...

Date: 19 January 2017

Source: : http://www.hindustantimes.com

Project aims to grow a 'city of trees'

A project aims to plant three million trees - one for every man, woman and child - in Greater Manchester over the next 25 years. Those behind City of Trees hopes the effort will not only green the region but improve our understanding of the benefits trees provide to society. These include reducing stress, improve air quality and the amount of time shoppers spend in retail areas. The project is also testing how trees can reduce flooding in built-up areas. City of Trees director Tony Hothersall explained that the scheme had three main objectives. "One is to plant three million trees, ie. a tree for every man woman and child, over the next 25 years," he said. "Next, we are very much focused on bringing existing woodland into management because there is no point in planting new woodland if you can't manage what you've got already. "Finally, we want to engage people a lot more in their natural environment; in planting trees; in managing areas; in understanding more about the benefits that trees and woodlands bring to our society." ...Read more...

Date: 26 January 2017

Source: https://dailyplanet.climate-kic.org

Karnataka Govt Orders Trees To Be Planted Along The Highways, Just In Time!

State and national highways across Karnataka will get trees on either side after an order by the Forest, Ecology and Environment Department was passed. The department has directed agencies affiliated with the Public Works Department (PWD) to spend at least 1 per cent of the road budget on increasing the number of trees around these major roads. A week ago, the state government had issued an order to this effect. Close on the lines of Union road transport ministry's decision to plant trees on either side of the 97,000 km of national highway network across India, Karnataka too has decided to convert its state highway and NH passing through the state to green highways. They took into account that climate change is affecting people's lives adversely and said it has now become urgent to plant as many trees as possible to counter the negative effects of climate change. "It is true that in the last few years, we have lost a considerable amount of green cover, especially along the major roads." Lack of substantial tree cover has not only contributed to rise in temperature also allowed high pollution levels to fester. If millions of trees hadn't been chopped then perhaps droughts could have been overcome by providing fodder to livestock and prevent pollution ... Read more.

Date: 27 January 2017

Source: http://www.indiatimes.com

The pollution nobody seems to notice: green waste

There is a source of pollution nobody seems to notice. A huge quantity of green waste is allowed to rot on the ground in Hawaii, conservatively 60,000 tons a year* (*my estimate) No doubt others will challenge my figures, but they're the best I can find. Sure it makes topsoil, in about 100 years, but it makes pollutants, methane and carbon dioxide (CO2) immediately. Hawaii, like most places, has energy issues, but environmentally friendly options. Wind and solar are popular but they have limits too; neither can be depended upon when the need is greatest. Solar needs sunlight, but peak demand is in the evening. Wind is fickle. The turbines only work in a relatively narrow speed range, if the wind is too slow they can't make usable power, if it's too fast they can break. Some efficient inexpensive storage is needed. Unfortunately, all known methods for storing electricity are expensive or inefficient. There are a number of technologies that can turn that green waste, a fuel, into electricity, and while storing electricity is difficult, storing fuel is not. We have been doing it for eons. Green waste is not only available it is abundant. Hawaii County Environmental services collects 40,000 tons of green waste annually, converts it to mulch, hauls it 40 miles and gives it away. That pales compared to undocumented green waste rotting by the roadside. The total green waste is probably over 100,000 tons a year.* ... Read more...

Date: 28 January 2017

Source: : http://westhawaiitoday.com

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