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NATIONAL BOTANICAL RESEARCH INSTITUTE, LUCKNOW

News

SBULLETI

Trees, the life & soul of Namma Bengaluru

March hasn't ended yet and the mercury has already crossed 38°C in areas shorn of trees. Mirror's test drive shows a variance of over 5°C in streets with and without green cover. This is exactly why Bengaluru needs to fight for its trees. How important is the presence of trees for Namma Bengaluru? Well, if you are cribbing about how hot the city has become in recent years as compared to its salubrious past, then know this: Trees are not just important, they are crucial! Among the several factors that have led to the temperatures in the city to shoot up, one of the main ones is its shrinking tree cover. There are three months of summer still left for Bengaluru, situated 960 metres above sea level, and the city already records 38 degrees Celsius on its major roads. April hasn't even begun and Bengaluru's citizens are already taking measures to cope with the searing heat. The city that was once termed as "Airconditioned city" has been experiencing some of the hottest summers in the last few years. The reason for that being the rapid loss of trees. Read more...

Date: 21 March 2017 Source: http://bangaloremirror.indiatimes.com

Huda seeks nod to fell 1,000 trees to clear way for new underpasses

GURUGRAM: After cutting down over 8,000 trees in the last four months, civic authorities in Gurgaon have once again sought permission to cut 1,000 more trees along the national highway for the construction of three underpasses. Currently, National Highways Authority of India (NHAI) is carrying out construction of three underpasses at three junctions on NH-8 - Iffco Chowk, Signature Tower and Rajiv Chowk to facilitate east to west traffic movement in the city. The forest department informed that they have received a request to grant permission for felling of trees under the Forest (Conservation) Act, 1980. "We have received a request from the authorities. Our range officer will go and inspect the area and we will then decide how many trees can be cut," said MD Sinha, Conservator of Forests, Gurgaon circle. Huda officials, however, have assured that they will plant three times the trees that have been cut ...Read more...

Date: 23 March 2017 Source: http://timesofindia.indiatimes.com

Hebei to Address Pollution Problem by Building Green Necklace of Trees

The worsening problem of smog in Beijing will be addressed by the Chinese government by planting a "green necklace" around the city. The pollution problem in China is considered to be the worst in the world. The governments are investing billions of dollars in green development projects and have closed a thousand coal factories. Hebei Province is planning to create a necklace of trees around the city in coordination with the Beijing government. The trees will be planted along the Hebei-Beijing border and along rivers, wetlands and farmlands. The endeavor aims to preserve the bodies of water that get dry during the warm months. Four ventilation corridors will also be built. These corridors will be 1,500 feet wide and will be running through the city. Observers said that tree planting is not enough to fight smog. Previous grand tree planting schemes were implemented but did not stop the pollution problem<u>Read more</u>.

Date: 27 March 2017 Source: http://en.yibada.com

Stressed street trees: mapping the urban forests to save them – and us

Standing proud at the intersection of Queen and Little Bourke streets in Melbourne's central business district is one of the city's beloved London plane trees. It's in declining health and will probably need to be replaced in a decade or so. I know this not as an arborist, or even as a keen observer, but because the City of Melbourne has assiduously assessed, mapped and put online all of its more than 70,000 street and parkland trees. 'It's quite extraordinary the amount of data that we have on our trees,'' says a councillor, Cathy Oke, who chairs the city's environment portfolio. The Urban Forest Visual is a vital part of the city's urban forest strategy, an ambitious management plan that will see canopy cover nearly double from its current 22% to 40% by 2040. There's mounting evidence that the effort will be worth it <u>Read more...</u>

Date: 27 March 2017 Source: https://www.theguardian.com

Stefano Boeri envisions entire cities filled with tree-covered skyscrapers

Our first Dezeen x MINI Living Initiative video explores Italian architect Stefano Boeri's radical proposals to build "forest cities" to combat urban pollution. Boeri's Forest City concept is a proposal to build a city in Shijiazhuang, China, which would act as a prototype for a new generation of green urban developments across the country. The proposed city is comprises towers covered in trees and other plants, a concept that Boeri calls Bosco Verticale, or Vertical Forest. The concept aims to provide sustainable high-density housing and office space in urban areas, while helping to depollute the surrounding environment by filtering dust particles from the air and absorbing carbon dioxide. The towers also provide a habitat for birds and insects that would otherwise struggle to survive in an urban environment. The architect has already completed a pair of Vertical Forest towers in Milan, which feature a mixture of trees, shrubs and floral plants on balconies on all four sides of both buildings. Between them the towers host as many trees as could be planted in a hectare of forest. Another pair of plant-covered towers by Boeri's studio Stefano Boeri' Architetti are currently under construction in Nanjing, China.Over 1,000 trees and 2,500 cascading plants and shrubs will line the facades of the structures in the city's Pukou District<u>Read more...</u>

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.

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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.

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