



News

In a warming world, New England's trees are storing more carbon

Climate change has increased the productivity of forests, according to a new study that synthesizes hundreds of thousands of carbon observations collected over the last quarter century at the Harvard Forest Long-Term Ecological Research site, one of the most intensively studied forests in the world. The study, published today in *Ecological Monographs*, reveals that the rate at which carbon is captured from the atmosphere at Harvard Forest nearly doubled between 1992 and 2015. The scientists attribute much of the increase in storage capacity to the growth of 100-year-old oak trees, still vigorously rebounding from colonial-era land clearing, intensive timber harvest, and the 1938 Hurricane—and bolstered more recently by increasing temperatures and a longer growing season

[.....Read more...](#)**Date:** August 04, 2020**Source:** Phys.org**IIT Delhi And Bihar State Pollution Control Board Tie Up To Establish GIS-Based AQM System**

New Delhi: The Indian Institute of Technology Delhi (IIT Delhi) and Bihar State Pollution Control Board have signed an agreement to establish a GIS-based information system for air quality management in Bihar. This agreement will enable identifying sources and transport of PM 2.5 at a “very high resolution” and help the board to identify “effective mitigation measures”. IIT Delhi PI-Dr. Sagnik Dey, Associate Professor, Centre for Atmospheric Sciences, will lead the project with SN Jayaswal, Board Analyst, Bihar State Pollution Control Board, Patna. A Bihar State Pollution Control Board statement issued said: “Out of the several steps undertaken by the board to monitor and control air pollution, this particular project will help to identify local hotspot of PM 2.5 in the non-attainment cities in Bihar, namely Patna, Gaya and Muzaffarpur.”

[.....Read more...](#)**Date:** August 08, 2020**Source:** NDTV**Maharashtra first Indian state to declare state mangrove tree as symbol of conservation**

Maharashtra is set to become the first coastal state to declare a state mangrove tree species as a symbol to enhance conservation of the salt-tolerant vegetation. The proposal from the state mangrove cell to declare *Sonneratia alba* or mangrove apple, an evergreen mangrove species found along the state's coastline, as state mangrove tree was approved during a meeting of the recently constituted State Board of Wildlife (SBWL) on Friday. “The proposal was approved considering the ecological importance of mangroves and the biodiversity it hosts. The formal declaration will be made after minutes of Friday's SBWL meeting are published,” said Nitin Kakodkar, chief wildlife warden and member secretary of the board. Known as white chhipi in Marathi, *Sonneratia*

[.....Read more...](#)**Date:** August 08, 2020**Source:** Hindustan Times**Pollution affects honey bees, impacts pollination**

BENGALURU: In what they claim was some of the first research in the world to try to address the physiological and molecular impacts of air pollution on our wild plants and animals, scientists from the Bangalore Life Science Cluster (BLiSC) show that air pollution could be devastating for organisms we rely on most for our own survival – like the honey bee. Led by Shannon Olsson at the National Centre for Biological Sciences (NCBS) in Bengaluru, Geetha Thimmegowda and colleagues have done a four-year study of more than 1,800 wild bees, the findings of which have been published this week in *Proceedings of the National Academy of Sciences, USA*. Through a series of experiments along with honeybee expert Axel Brockmann of NCBS and cardiovascular researcher

[.....Read more...](#)**Date:** August 11, 2020**Source:** The Economic Times**Independence Day 2020: 5,000 saplings to be planted in Delhi's Chhatarpur Assembly constituency on August 15**

New Delhi | Jagran News Desk: Independence Day 2020: In an initiative to make Delhi a pollution-free city, around 5,000 saplings will be planted in the Chhatarpur Assembly constituency on the occasion of Independence Day or August 15. The aim of this initiative is to make Delhi a greener and pollution-free city where people can breathe clean air. The organisers of the initiative have cleverly chosen to plant the saplings of medicinal properties like neem (*azadirachta indica*), peepal (*figus religiosa* or sacred fig) to be planted across the constituency. Both the plants have several medicinal properties. It is being said that peepal releases oxygen 24 hours unlike other plants that start exhaling CO₂ during night time. Organisers Jitender Kumar Upadhyay and Naresh Tyagi stated that the reason for the selection of these plants is that they not only release oxygen into the atmosphere, but they

[.....Read more...](#)**Date:** August 14, 2020**Source:** Jagaran English

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