



## News

**Aggressive carbon taxation could help US meet targets in Paris agreement**

In this context, a new study looked at U.S. tax policy as it relates to carbon dioxide (CO<sub>2</sub>), from 2015 through 2030. The study found only limited short-term opportunities for decarbonization (reducing greenhouse gas emissions) outside the electricity sector. The result is substantial CO<sub>2</sub> tax revenue. The findings shed light on future tax policy decisions. The study, conducted by researchers at Carnegie Mellon University (CMU), appears in Environmental Research Communications. "Our findings point to clear opportunities to replace revenue from distortionary taxes (like the income tax) with revenue from carbon taxes, which enhance the efficiency of the U.S. economy." says Nicholas Muller, Associate Professor of Economics, Engineering, and Public Policy at CMU's Tepper School of Business, who coauthored the study.

.....[Read more...](#)**Date:** May 19, 2020**Source:** Science Daily**Study: World carbon pollution falls 17% during pandemic peak**

KENSINGTON, Maryland (AP) — The world cut its daily carbon dioxide emissions by 17% at the peak of the pandemic shutdown last month, a new study found. But with life and heat-trapping gas levels inching back toward normal, the brief pollution break will likely be "a drop in the ocean" when it comes to climate change, scientists said. In their study of carbon dioxide emissions during the coronavirus pandemic, an international team of scientists calculated that pollution levels are heading back up — and for the year will end up between 4% and 7% lower than 2019 levels. That's still the biggest annual drop in carbon emissions since World War II. It'll be 7% if the strictest lockdown rules remain all year long across much of the globe, 4% if they are lifted soon.

.....[Read more...](#)**Date:** May 19, 2020**Source:** Wave3 News**Planting Trees Won't Stop Climate Change**

Humans have long believed that planting trees, any kind of tree, anywhere, is good, something Mother Nature cries out for, something that might even solve our climate crisis. Tree-planting initiatives proliferate: the Bonn Challenge, Trees for the Future, Trees Forever, the 10 Billion Tree Tsunami, Plant a Billion Trees, 8 Billion Trees, the Trillion Tree Campaign, the One Trillion Trees Initiative, to mention just a few. The passion for planting trees comes partly from the fact that, in some places, they sequester carbon. This has been broadly interpreted to mean that festooning the Earth with trees will solve the problem of climate change, which is why tree-planting programs are so popular with carbon polluters seeking to avoid cleanup costs. President Donald Trump, for example, instantly embraced the One Trillion Tree Initiative launched in January by the World Economic Forum, pledged

.....[Read more...](#)**Date:** May 25, 2020**Source:** Slate News**Global environmental changes leading to shorter, younger trees**

In a global study published in the May 29 issue of the journal Science, researchers led by the U.S. Department of Energy's Pacific Northwest National Laboratory found that rising temperatures and carbon dioxide have been altering the world's forests through increased stress and carbon dioxide fertilization and through increasing the frequency and severity of disturbances such as wildfire, drought, wind damage and other natural enemies. Combined with forest harvest, the Earth has witnessed a dramatic decrease in the age and stature of forests. "This trend is likely to continue with climate warming," said Nate McDowell, a PNNL Earth scientist and the study's lead author. "A future planet with fewer large, old forests will be very different than what we have grown accustomed to. Older forests often host much higher biodiversity than young forests and they store more carbon than young forests."

.....[Read more...](#)**Date:** May 28, 2020**Source:** Science Daily**This green wall uses upcycled clay tiles for natural cooling**

In its latest project to creatively repurpose clay roof tiles, Indian architecture firm Manoj Patel Design Studio has upcycled locally produced tiles into a green wall with natural cooling benefits. Dubbed the Ridge Clay Roof Tile Plantation, the project was created to promote the use of locally produced clay products. It also serves as a reaction against the proliferation of plastic and metal planters that have increasingly replaced clay pots. The Ridge Clay Roof Tile Plantation was installed on the shaded outdoor terrace of a residence in Vadodara, a Gujarati city with an extremely hot climate and temperatures that regularly near or exceed 100 degrees Fahrenheit. Manoj Patel Design Studio created the green wall with repurposed kiln-fired clay roof tiles to help promote natural cooling, stimulate the local economy and to bring a touch of nature to the urban apartment. Artificial turf

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