

Metropolis Newsletter # 14

Campus News

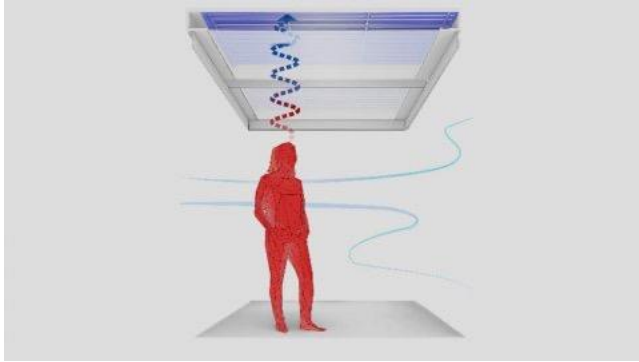


Princeton University widens net-zero goals and lays out dissociation process to advance action on climate change

www.princeton.edu



What is a net-zero city?
Depends on how you count urban carbon emissions -
High Meadows Environmental Institute - Princeton University
What is a net-zero city? Depends on how you count urban carbon emissions Morgan Kelly ▪ High Meadows Environmental Institute
As more people call for action against climate change, more than 500 cities worldwide have established low-carbon and net-zero carbon goals intended to substantially reduce greenhouse gas emissions in the coming decades.



Building technology opens door to increased ventilation, lower energy costs | School of Engineering and Applied Science

Radiant cooling is an often-overlooked cooling technology that could enable more ventilation in buildings around the world while substantially decreasing energy costs, Princeton researchers found. engineering.princeton.edu

SD

Mathematical model predicting disease spread patterns -- Sciencedaily

Mathematical model predicting disease spread patterns Date: May 6, 2021 Source: New Jersey Institute of Technology Summary: A team of environmental engineers, alerted by the unusual wealth of data ...

www.sciencedaily.com



Study shows how cities can consider race and income in household energy efficiency programs | School of Engineering and Applied Science

Examining inequality in cities has been hampered by a lack of energy use data at fine spatial scales within cities.

engineering.princeton.edu

National and International News



Embarking on the 2150 expedition

Unveiling 2150, a €200m VC fund investing in technology companies that seek to sustainably reimagine and reshape the urban environment

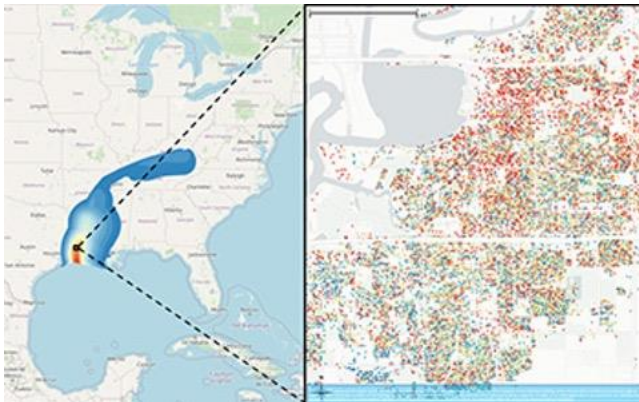
2150-vc.medium.com



The Future of Urban Innovation - Bloomberg

A record number of cities submitted proposals to Bloomberg Philanthropies' Mayors Challenge this year. Their ideas show where urban innovation is headed.

www.bloomberg.com



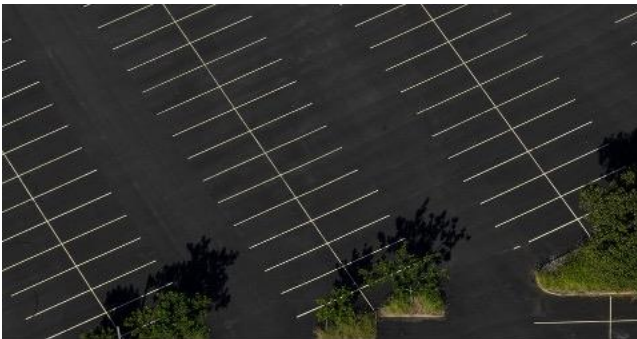
Envisioning safer cities with artificial intelligence | NSF - National Science Foundation

Over the past several decades, artificial intelligence has advanced tremendously, and today it promises new opportunities for more accurate healthcare, enhanced national security and more effective education, researchers say. But what about civil engineering and city planning?

www.nsf.gov



America's first 3D-printed neighborhood is 'the future of housing'
thehill.com



How Parking Destroys Cities
Parking requirements attack the nature of the city itself, subordinating density to the needs of the car.
www.theatlantic.com



A new age of suburbanisation could be dawning | The Economist
In the past two decades, shifts in demand have given rise to a new equilibrium. Rising incomes in knowledge-economy industries attracted workers to a few highly productive places (like New York ...
www.economist.com

Access Economist article through Princeton Library at : <https://www-economist-com.ezproxy.princeton.edu/finance-and-economics/2021/05/06/a-new-age-of-suburbanisation-could-be-dawning>



Biden's infrastructure plan needs input from cities and regions

The pandemic has seared an indelible awareness of infrastructure priorities on local officials.

thehill.com



New Report Ranks Most Environmentally At-Risk Cities | The Weather Channel - Articles from The Weather Channel | weather.com

Some 1.5 billion people live in cities facing the biggest environmental challenges, including threats from climate change and pollution, according to a new report.

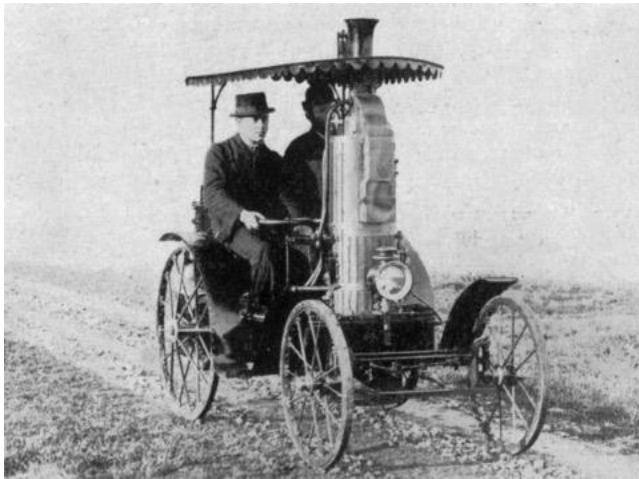
weather.com



When it comes to green space in cities, who gets a park and who doesn't? | [Grist](https://grist.org)

For the first time in its history, a national ranking of urban green space in America is not only looking at the number and quality of parks within the country's 100 largest cities, but also the ...

grist.org



When Cities Say No to New Transportation Technology

From steam carriages to e-scooters and flying cars, new mobility innovations haven't always been welcomed by cities — for some good reasons.

www.bloomberg.com



Airships for city hops could cut flying's CO2 emissions by 90%

Bedford-based blimp maker unveils routes it hopes to serve by 2025 cutting carbon footprint of flying by 90%

www.theguardian.com

If you have news about papers, projects, awards, events, or other relevant information that you that would like to share with the community, please send them to metronews@princeton.edu (or by reply to this email).

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