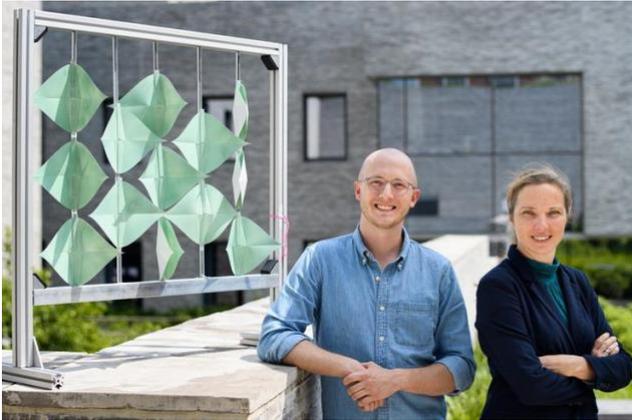


Metropolis Newsletter # 6

Campus News



[Sigrid Adriaenssens and Victor Charpentier: An adaptive solar shade to save energy and improve comfort in buildings | Princeton Innovation](#)

A system inspired by the biomechanics of insect-trapping plants aims to provide energy savings by altering building façades to adapt to changing sunlight throughout the day. With buildings accounting for nearly 40% of U.S. energy consumption, new energy-efficient technologies are in high demand.

innovation.princeton.edu



[Why are big storms bringing so much more rain? Warming, yes, but also winds | School of Engineering and Applied Science](#)

For three hurricane seasons in a row, storms with record-breaking rainfall have caused catastrophic flooding in the southern United States. A new analysis by Princeton researchers explains why this trend is likely to continue with global warming: ...

engineering.princeton.edu

National and International News



What the Nordic nations can teach us about liveable cities - BBC Worklife

Scandinavia is famous for its liveable cities, but a new university course in Nordic urban planning has raised questions about replicating the region's approach elsewhere. www.bbc.com



How airships could return to our crowded skies - BBC Future

The Airlander is the creation of Hybrid Air Vehicles (HAV), founded in 2007 by British airship pioneer Roger Munk. HAV's new technology centre is hidden away on a bustling industrial estate on ... www.bbc.com



What is the Future of Concrete in Architecture?

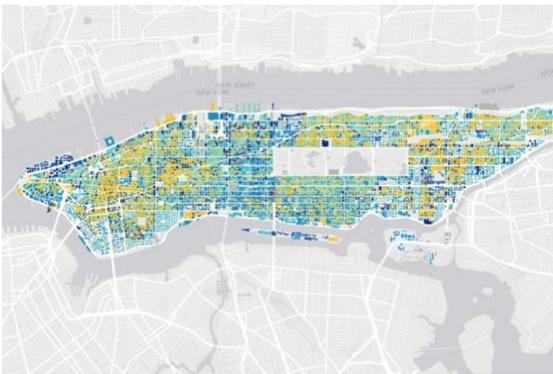
Concrete is the second-most used material on earth, but is also the second-largest emitter of CO2. We examine the trends and innovations shaping its future. www.archdaily.com



Could cities profit from protecting themselves against rising seas? | Cities | The Guardian

"The island is going to be placed where the British empire's fleet once was," says Anne Skovbro, looking out from her office in a 19th-century customs house over Copenhagen's harbour.

www.theguardian.com



Mapping the Age of Every Building in Manhattan

A new tool called Urban Layers tracks Manhattan's rise, block by block, since 1765.

www.citylab.com



Could vertical forests improve our cities and health?

These two residential towers in Milan have over 900 trees and 11,000 plants.

www.bbc.com



A better use for sprawling,
big-box store parking lots?
Urban farms

This conceptual design
reimagines the parking lot
as something more
productive.

www.fastcompany.com

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