

Metropolis Newsletter # 2

Campus News

The [Sustainable Healthy Cities Network \(SHCN\)](#), an NSF-supported sustainability research network, will now be anchored at Princeton. SHCN is led by Anu Ramaswami who joined Princeton this Fall as founding director of the M.S. Chadha Center for Global India at PIIRS and Professor of Civil & Environmental Engineering. Established in 2015, SHCN studies innovations in infrastructure design and policy, across multiple sectors, to advance environmental sustainability, health, wellbeing, and equity. The network's quarterly research update can be found [here](#). SHCN at Princeton plans to host additional workshops and pilot projects with cities in the coming year. Please contact [Professor Ramaswami](#) if the work of this network is of interest to you.

Professor Ning Lin and collaborators publish [a paper](#) estimating the flood hazard increase due to sea level rise and storm climatology change for each county on the east and gulf coasts of the USA. The paper was featured on [SEAS website](#) and in [NSF's Awesome Discoveries video](#).

Inspired by the biomechanics of insect-trapping plants, Professor Sigrid Adriaenssens and Victor Charpentier develop a novel [adaptive solar shade](#) to save energy and improve comfort in buildings.

Urban heat islands depends on a large suite of climatic, ecological, and anthropogenic determinants. But in this [new paper](#), Professor Elie Bou-Zeid and collaborators show that these complex dependencies can be reduced to two primary drivers, population and precipitation. A [SEAS news story](#) summarizes the findings.

National and International News

The Guardian: Jakarta is sinking into the sea, and so Indonesia is moving its capital. Learn more about this story in these two articles [\(1\)](#) [\(2\)](#).

The Economist: Are [flying taxis](#) a realistic and desirable future for urban mobility?

NY Mag and the Guardian: [Google's plan for Toronto](#) and [why some have doubts about it](#).

CityLab: [Are growing cities building homes fast enough?](#)

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