



Urban Solutions #20: Science of Cities

Once regarded as an inorganic entity, the city is now understood as a complex organic system. This issue examines the new “science of cities”, which provides a more deliberate approach towards understanding the city and its challenges.

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VIDEO



Source: Eyoel Kahssay, Unsplash

The Role of Cities in Advancing Sustainability

As urban populations increase around the world, so too will their impact on the climate. Panellists including CLC Executive Director Hugh Lim at the Engineers Without Borders EWB-Asia Forum discuss some strategies that cities can adopt to mitigate this impact and realise their sustainability ambitions.

CLC's segment begins at 01:14:10.

[Watch →](#)

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Source: Smart Nation and Digital Government Group, Singapore

A “Science of Cities” Approach for Singapore

Second Permanent Secretary of Singapore’s Smart Nation and Digital Government Group, Chng Kai Fong, shares how the “science of cities” approach has helped Singapore develop and why it continues to be important for the city-state.

[10 min | Read →](#)



Rapid urban growth has led to strategies of high density living, which has brought about challenges to the quality of urban life. Source: Manson Yim, Unsplash

The Emergence of a Science of Cities

Professor Michael Batty, Bartlett Professor of Planning at University College London, gives a brief history of the emergence of a science of cities, and why some principles of urban science will gain further traction, especially in the post-pandemic city.

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