

# Urban landscape In Singapore





# Nation wide green narrative:

Garden City →  
City in a Garden →  
Biophilic City

*Biophilia is an innate  
affinity that human beings  
have with nature.*

**Wilson (1992)**

**“Biophilic urbanism”  
Love for our living systems**

**Newman (2014)**

***Note: Read attached supporting material***

Newman, P. (2014). Biophilic urbanism: a case study on Singapore. *Australian planner*, 51, 47-65.

Wilson, E. (1992). O.(1984) *Biophilia*. Cambridge (MA): Harvard University Press, 1, 79.





# Roles of urban landscape in Singapore context

Representing social, cultural and economic dynamism of urbanity

Iconicity

Symbolising successful economy

Representing its technological advancement and innovation

Attention to environmental issues

**Santangelo (2019)**

Regenerating the natural systems in the city

Creating ecosystem similar to the original structure

Multi dimensional urban ecosystem

**Newman (2014)**

Economic return for real estate practitioners

**Belcher et al. (2019)**

Santangelo, M. (2019). Of Symbols and Materiality. Reflections on Singaporean Landscapes. *Urban Landscapes in High-Density Cities Parks, Streetscapes, Ecosystems*.

Newman, P. (2014). Biophilic urbanism: a case study on Singapore. *Australian planner*, 51, 47-65.

Belcher, R. N., Suen, E., Menz, S. & Schroepfer, T. (2019). Shared landscapes increase condominium unit selling price in a high-density city. *Landscape and Urban Planning*, 192, 103644.



## **D3 Discuss:** **What are the considerations to be able to transfer the strategies to another context?**

<https://miatedjosaputro.com/2020/02/22/la-in-urban-context-d3/>





# Implementing it in other context

Mainstreaming the process by:  
Evaluating and quantifying benefits in terms of biodiversity(energy, water, health, aesthetic qualities, human appreciation and economics).

*Singapore Biodiversity Index*

**Newman (2014)**

Newman, P. (2014). Biophilic urbanism: a case study on Singapore. *Australian planner*, 51, 47-65.





# Reflection of roles

## D1 Q3

**In your opinion, what have changed since Matsuoka and Kaplan's study (2008) in terms of people needs in urban landscape?**

*Suggested considerations are in terms of..*

The notion of Biophilic Urbanism, bringing nature into every aspects of built environment

Local identity and social cohesiveness

Infrastructural systems

Food production, urban agriculture

***Note: I will add summary of discussions after online forums are closed, which serves as a final reflection on this lecture.***





# Reiterating aim and objectives:

1. To enumerate possible scenarios of integrating landscape in high density living environment.
2. To present observations from case studies in relation to current literature in the area of urban landscape.
3. To facilitate critical analysis of landscape strategies.





**Prepared by:**  
**Dr. Mia**  
**Tedjosaputro**  
**Feb 2020**



Photo by Behzad Ghaffarian on Unsplash

