

# URBAN SUSTAINABILITY R&D e-Symposia 2021

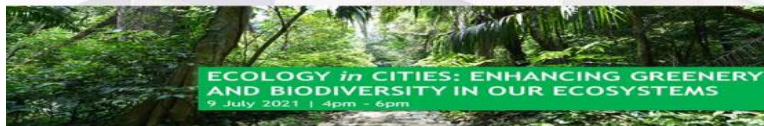
EMERGING STRONGER: INNOVATIVE CITIES OF TOMORROW



## A SERIES OF 3 WEBINARS ON "CITY IN NATURE"

Greenery pervades Singapore's urban landscape today. As we move towards becoming a "City in Nature", we will further integrate nature into our city to strengthen Singapore's distinctiveness as a highly liveable city, while mitigating the impacts of urbanization and climate change.

In this series of 3 webinars on "City in Nature", we will take deep dives into three areas: maintaining thriving urban biodiversity and habitats (*Ecology in Cities*); understanding interactions of inter-related natural and urban systems (*Ecology of Cities*); and how nature contributes to inhabitants of the city (*Ecology for Cities*).



Healthy natural ecosystems and processes contribute to clean air, abundant food and water supply, safe living temperatures, and even our health and mental wellbeing. At the same time, the urban environment is widely known to disrupt such ecosystems and threaten biodiversity.

This first webinar discusses on-the-ground actions to sustain populations of rare, native biodiversity, and explores exciting technological approaches to inform the conservation, restoration and management of our natural ecosystems and biodiversity.

### Speakers



#### Remote Sensing for Biodiversity Detection and Tracking

**Dr. Adrian Loo**  
Group Director (Wildlife Management Division);  
Senior Director (Community Projects)  
National Parks Board



#### E-nose for detecting wood decay fungi

**Dr. Hong Yan**  
Senior Lecturer (School of Biological Sciences),  
National Technological University



#### GIS-based water balance model for Singapore incorporating spatially varied soil properties and land covers

**Dr. Li Yangyang**  
Postdoctoral Researcher (School of Civil and Environmental Engineering)  
National Technological University



#### Long-term monitoring of forest trees - implications for our City in Nature

**Dr. Shawn Lum**  
Senior Lecturer (Asian School of the Environment),  
National Technological University

### Moderator



**Mr. Lim Liang Jim**  
Group Director (Conservation Division),  
National Parks Board

Register for the 3 webinars here (Complimentary)

[CLICK HERE](#)

For enquiries, please contact the e-Symposia Secretariat at [info@urbansustainability.sg](mailto:info@urbansustainability.sg)



## Urban Sustainability R&D Portal

### A 'One-Stop' Platform for the USS Community

Visit the Urban Sustainability R&D Portal to learn more about the e-Symposia webinars and submit your R&D proposals on the webinar topics.



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For enquiries, please email [info@urbansustainability.sg](mailto:info@urbansustainability.sg)

***Look out for more exciting "City-in-Nature" webinars coming your way !***

The e-Symposia webinar series is jointly brought to you by:

