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URBAN SUSTAINABILITY R&D e-Symposia 2021

EMERGING STRONGER: INNOVATIVE CITIES OF TOMORROW



Jurong Lake Gardens is Singapore's first national gardens situated in the heartlands. It is a people's garden where spaces are sensitively landscaped and created for families and the community to come together. As NParks' Living Lab, the Gardens is a showcase for sustainable design and smart technology for sustainable operations. It also serves as a platform for innovators to test-bed solutions that contribute towards sustainability outcomes and efficient operations. Solutions with successful outcomes may be scaled up for subsequent implementation across other parks/green spaces.

Challenge Statements



Greenery Maintenance

E.g. Mechanized maintenance of shrubs



Cleansing/ Hardscape maintenance

E.g. Video analytics to identify waste along shorelines



Environment/ Worksite Monitoring

E.g. Robots to monitor grasslands/water bodies/work processes

This Call for Proposals seeks to invite the submission of testbedding proposals across the domains of operations technology, landscape management, energy and waste management, sustainable building materials, and solutions that enhance social and mobility outcomes. This webinar will provide details on the challenge statements and how to participate.

Speakers



Enabling Adoption of Innovative Solutions in the Built Environment

Dr Ng Hsiao Piau

Programme Director, Advanced Construction & Innovation Planning Department
Building and Construction Authority



Sustainability and Technology at Jurong Lake Gardens - Call for Proposals

Mr Ong Chong Ren

Centre Director, Sustainability and Living Lab; Deputy Director, Jurong Lake Gardens Development
National Parks Board

**Session will conclude with a Q&A session moderated by Mr Ong Chong Ren*

Register here (Complimentary)

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For enquiries, please contact the e-Symposia Secretariat at 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 challenge statements!
(to be uploaded after the webinar)



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