



[WEBINAR]

SIA R&T-URA Seminar: Digital Transformation Series: " Future of Architectural Practice - Th
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Date: 11 August 2020 Circular No.: 2020/084/MS/SC

Synopsis

URA will be showing SIA 1st hand - proposal on new platform to enable architects to retrieve from "Digital-island" database, useful site and Geo-info data relating to any site in Singapore before starting to design for a new project.

Topic 1 : Digital Transformation: The Future of Architectural Practice by Ar Jim Tan

In 2010, Singapore started our BIM Journey.
How much have we progress since and **'Where Are We Now?'**

The misconception has always been that BIM is a software or tool that is used by designer or technical team in construction only. However, this is only partially true as BIM is also about how the building 'information' is managed, maximized and applied in a built environment project.

It has also been said that circuit breaker in Singapore has brought digital transformation 5 years ahead of time. So how is this going to affect our built environment, our design &

construction processes and our businesses?

The Built Environment is evolving.

It will evolve regardless if you have decided to do anything or not.

Have you started your journey yet?



Topic 2 : 3D Geospatial Data in Singapore by URA & SLA

URA and SLA will be co-presenting on the types of 3D Geospatial Data and systems that are available in Singapore and its application for planning and urban design. You will be consulted for feedback on upcoming exciting initiatives, such as OneMap3D, 3D

Sandbox and a new 3D web portal for architects. These new platforms will help facilitate smart planning and spatial design analysis through integration of different datasets so as to create a sustainable and delightful environment to live, work and play in.

Speakers



Ar Jim Tan , Xcube Architects

Mr. Jim Tan is a registered Architect and the founding principal of Xcube Architects & Xcube Solutions Pte Ltd. Graduated with architectural degrees from NUS and Australia, Jim has always been interested in technology and information management for the building practices.

In 2006, he was part of the project team implementing BIM to the Brunei Government where he provides training, customisation, workflow implementation and solutions integration to convert the users from a 2D environment to BIM.

He is also part of the pilot team involved in Singapore Building Construction Authority (BCA) BIM e-submission in late 2008 in which he trained a participating firm to use the

BIM software and the preparation of BIM content for e-submission within a 3 months program.

In 2010, Jim formed Xcube Solutions Pte Ltd to educate and share his experience in BIM. Some of the BIM projects Jim has worked on includes MediaCorp, Changi Airport T4, Shanghai Disneyland and Warner Bros. World, Abu Dhabi.



Mr Julian Cheng, Urban Redevelopment Authority

Julian Cheng is an Executive Architect in the Architecture and Urban Design Group at the Urban Redevelopment Authority (URA). He is in charge of the planning and urban design of strategic growth areas such as Woodlands Regional Centre and the Greater Southern Waterfront. He is also involved in the initiative to support and transform URA's urban design and planning work with new technology and ways of working. Prior to this, he was with the Conservation Department in URA where he helped coordinate the planning of Singapore's Historic Districts for Master Plan 2019.



Dr Gavin Chen, Singapore Land Authority

Dr Gavin Chen is a Senior Manager from the Geospatial and Data Division, Singapore Land Authority (SLA). He focuses on driving innovative geospatial technology exploration and application including Geo-Artificial Intelligence and Machine Learning, developing and operating whole-of-government geospatial data platforms to support many agencies, private sectors, and general public. His prior career in Info-communications Development Authority of Singapore (IDA) and HP Cloud & Security Lab specialised in big data and cloud computing technologies.



Mr Michael Sim, Singapore Land Authority

Michael Sim is a Pathfinder for GeoWorks, and the Senior Manager for the GSDD team at

Singapore Land Authority.

Schedule

2pm	Registration
2.30pm	Seminar Commences by R&T Chair
2.40pm	Topic 1 : Digital Transformation: The Future of Architectural Practice by Ar Jim Tan
3.15pm	Topic 2 : 3D Geospatial Data in Singapore by URA & SLA
4.15pm	Q&A
5pm	End of Webinar

Important

- The Webinar join link and password will be **sent via email 1 day before the session.**
- The Webinar join link and password will be sent via email **latest** 1 hour before the session for last minute sign ups.
- The Webinar will be opened for registered participants to enter 30 minutes before the session.
- The Webinar will be locked 10 minutes after session begins.

Webinar Etiquette

- During the sharing session, attendees other than the speakers will be

muted.

- If you have any questions, please feel free to leave them in the Q&A and we will try to address them at the end
- During the Q&A Session, attendees will be unmuted to allow for discussion
 - Do note that this session will be recorded
- Please be reminded to join the Webinar with an **I dentifiable Name & BOA/SIA No** for attendance tracking.

Useful Links

[How to register for an Event](#)

[User guide on using Webinar](#)

Date	2020-08-12 (Wednesday)
Registration	start from 2.00pm
Duration	2.5 hrs (from 2.30pm to 5.00pm)
CPD Point	No CPD Points Refer to BOA Circular dated 02 April 2020: https://www.boa.gov.sg/resources/news/circular-waiver-

	of-cpd-requirements-2020
Venue	Zoom Webinar

Tickets Price

Member Ticket	\$ 35.00
Non Member Ticket	\$ 70.00

Register Now





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