



CHING Tuan Yee

Urban planner with a passion for capability-building, technology and transformation

SKILLS

Urban planning leadership & management

Comprehensive planning – urban planning & design, infra planning, planning policies, development growth strategies & management

Application of data, analytics, urban science, modelling & simulation, AI in urban planning & design

Organisational digital transformation, strategies & change management

PROFESSIONAL & ACADEMIC QUALIFICATIONS

Member, Singapore Institute of Certified Planners

Member, American Institute of Certified Planners

Chartered Member, Royal Town Planning Institute

Master in City Planning, MIT

MArch in Architecture and Town & Regional Planning, Sheffield University
Commendation (Design Report)

BA Architecture, Sheffield University
R. Cawkwell Prize (Archi. Theory)
S. Welsh Prize (Draughtsmanship)

Graduate Certificate in Analytics Technologies, NUS

Certified Scrum Master

SINGAPORE INSTITUTE OF PLANNERS (SIP)

SINGAPORE INSTITUTE OF CERTIFIED PLANNERS (SICP)

2026	Member, SIP / SICP Ethics Task Force
2025	Lead, Taskforce for Recognition of NUS MUP for SIP
2025	Jury Member, 9 th SIP Planning Awards (Category 12)
2024 -	Member, SICP Accreditation Panel
2024 -	SICP Assessor
2024 -	SIP Council Member – Membership Chairperson

URBAN REDEVELOPMENT AUTHORITY (URA)

2022 -	Director, Design & Planning Lab (DPLab)
2020 - 2021	Director-in-charge, COVID Dormitories Typology Study
2018 - 2020	Director-in-charge, Master Plan 2019 Core Team Director-in-charge, Master Plan 2019 Digitalisation
2016 - 2021	Director, Physical Planning, East Region Director-in-charge, Planning Systems Support Team
2014 -	Director-Mentor for URA training External guest reviewer
2014 - 2018	Director-in-charge, Sustainability Toolbox (STAR)
2013 - 2016	Director, Urban Planning 1
2010 - 2011	Deputy Director, Urban Planning 2
2002 - 2010	Snr. Architect Exec. Architect Architect, Marina Bay Team

SELECTED PAPERS & PRESENTATIONS

2026	Presenter, Forum of Small States, AI in S'pore's Urban Planning
2025	Panellist, NUS Cities Urban Science Symposium
2025	Chua, A. & Ching, T. Y. Singapore's Urban Planning and Design Technology Centre of Excellence (URBEX). CUPUM
2025	Presenter, Asian Aerial Mapping Forum
2024	Presenter, Public Service Transformation Convention
2024	Presenter, NRF / MND-MSE Urban Solutions & Sustainability International Advisory Panel Forum
2024	Presenter, LKYSPP Festival of Ideas
2023	Ching, T. Y. & Chua, A. Early Exploration of GPT-4's Abilities in the Context of Urban Planning and Design in Singapore
2019	Presenter, ESRI User Conference
2015	Presenter, Asian City Forum
2015	Ching, T. Y., & Ferreira, J. Smart cities: Concepts, perceptions and lessons for planners. In Planning Support Systems & Smart Cities.

SELECTED AWARDS

2025	URA Made-a-Difference - Leadership
2024	ESRI Special Achievement in GIS – ePlanner
2023	COVID-19 Resilience Medal
2021	Public Service Transformation – Agility Award
2019	MND Minister's Award – Master Plan Digitalisation
2019	ESRI Special Achievement in GIS – Master Plan Digitalisation
2018	Public Service Transformation – Star Manager