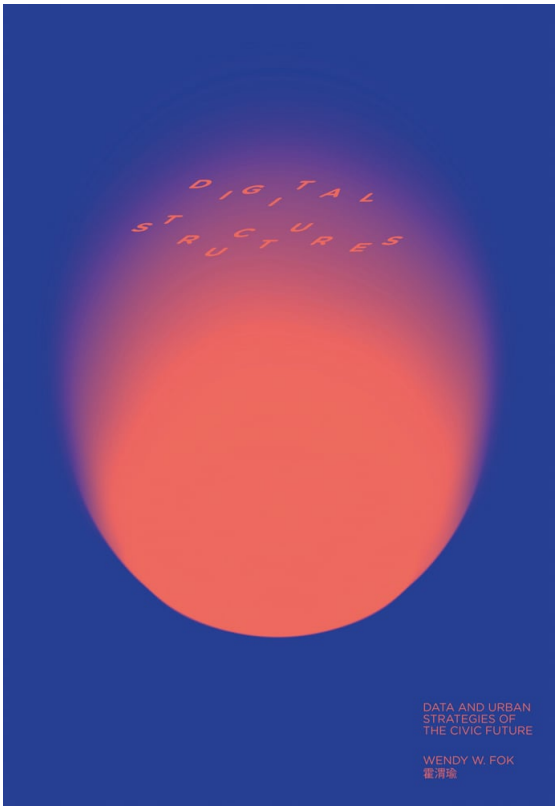
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digitalSTRUCTURES

Data and Urban Strategies of the Civic Future

Wendy W. Fok

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Territory	World excluding USA, Canada, Singapore, Thailand, Vietnam, Cambodia, Indonesia, Brunei, Philippines, Malaysia, and Australasia. India non-exclusive
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- Key audience fields are architecture, urban policy and planning, technology, infrastructure studies, media studies
- This book and mixed digital media project explore contemporary issues on how Western and Eastern countries define the future of work and urban living. The research provokes interrogations of the post-COVID-19 digital era, pertaining to supply chains, data structures, urban strategies, construction, and civic planning for the cities of our future
- Developmental topics that explore broader topics hitting humanities and social sciences, such as ethical trade routes and policies of materiality, to engage with interdisciplinary and cross-cultural topics that question policy challenges facing "democracies" in the 21st century will be the focus

digitalSTRUCTURES: Data and Urban Strategies of the Civic Futureprovokes a larger body of work that engages with digital property and data infrastructures. Digital currencies (cryptocurrencies) and digital property require large amounts of land, resources, and data centers and infrastructures to store these "supplies." There is a larger architectural and urban infrastructural challenge and urgency on how these various kinds of digital exchanges are mediated, to limit the detrimental use of our everyday resources. If our everyday objects are digital and no longer physical, how does it challenge ecological questions? How does this affect the future of urban living?

The case-studies, interviews, and guest contributions prompt discussions that were part of the CityX Venice, Sezione del Padiglione Italia, at the 17th La Biennale di Venezia. Guest contributors were prompted to challenge and provoke the topics that are questioning the issues of open innovation models that operate a city, robotics and artificial intelligent systems, supply chains affected by digital storage, and data infrastructural arguments that play a large role within our Web 3.0 urban digital and real landscapes.

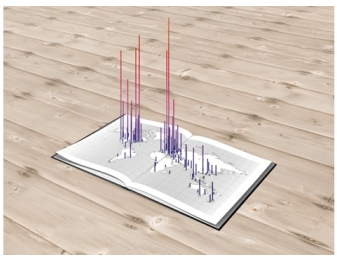
Using a mixed-media approach, the book couples a novel exploration of XR (mixed-reality) and AR (augmented reality) into diagrammatic mapping and graphical cartography, and how data interacts with various open innovation models in digital property and real property.

Wendy W Fok is non-binary, trained architect, educator, and BIPOC designer, interested in the issues of digital property and data infrastructures. On their spare time, Fok interests include modifying motorcycles, obsessing over the built environment, prototyping design applications for the future of urban living, and designing in digital and analogue. Fok has a Doctor of Design from Harvard University, a Master of Architecture and Certification of Urban Policy/Planning from Princeton University, and a Bachelor of Arts in Architecture with a Concentration in Economics (Statistics) from Barnard College, Columbia University.

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