Ye ZHANG, PhD

Associate Professor (Tenured)

School of Architecture, Tsinghua University Email: zhang-ye@mail.tsinghua.edu.cn

EDUCATIONAL QUALIFICATIONS

Ph.D!"Department of Architecture / Downing College, University of Cambridge, UK"	Oct 2008 - Jul 2014
M.Arch!"School of Architecture, Tsinghua University, China"	Sept 2006 - Jul 2008
B.Arch (First Class Honours), School of Architecture, Tsinghua University, China"	Sept 2002 - Jul 2006
ACADEMIC APPOINTMENTS	
Associate Professor (Tenured)"	Jan 2024 – Present
School of Architecture, Tsinghua University, China	
Adjunct Associate Professor"	Jan 2024 – Present
Department of Architecture, National University of Singapore, Singapore	
Associate Professor (Tenured)"	Jan 2022 – Jan 2024
Department of Architecture, National University of Singapore, Singapore	
Assistant Professor "	Jan 2013 – Dec 2021
Department of Architecture, National University of Singapore, Singapore	
Assistant Dean"	Jan 2024 – Present
School of Architecture, Tsinghua University, China	
Deputy Head"	Jan 2023 – Jan 2024
Department of Architecture, National University of Singapore, Singapore	

Reviewers for various International Refereed Journals, including En i nmen and Planning B U ban Anal ic and Ci Science J nal f U ban De ign U ban M h l g F n ie f A chi ec al Re ea ch U ban De ign In e na i nal Habi a In e na i nal B il En i nmen e c	2015 - Present
Scientific Committee Member for various International Conference, including International Seminar of Urban Form (ISUF), International Forum on Urbanism (IFoU), Great Asian Streets Symposium, Pacific Rim Community Design Network, etc.	2014 – Present
RESEARCH	
Research Areas:	
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Research Grants & Projects:	
Co-Principal Investigator Re ea ch P oject Comparative Ecology of Cities Fu d g Future City Lab (FCL) Global (S\$ 2m+)	2022 - present
Co-Principal Investigator Re ea ch P oject The Sea-City Interface Fu d g Future City Lab (FCL) Global (S\$ 2m+)	2022 - present
Principal Investigator	2017 - 2022
Re ea ch P oject NUS-Tsinghua Design Research Initiative: Sharing Cities Fu d g Ng Teng Fong Charitable Foundation (Hong Kong) (S\$ 451,900.00)	
Co-Principal Investigator Re ea ch P oject Interdisciplinary collaborative learning for design courses for the built environment Fu d g Teaching Enhancement Grants (TEG), National University of Singapore	2022 - Present
Principal Investigator	2017 - 2021
Re ea ch P oject Measuring Physical Profile and Use of Park Connector Network with Deep Learning and Multi-Source Multi-Modal Data Analytics Fu d g Ministry of Education (MOE), Academic Research Fund (AcRF), Singapore (S\$ 173,437.17)	
Co-Principal Investigator Re ea ch P oject A Fine-grain History of Singapore Town: The Architecture and Socio-morphology of Four Forgotten Neighbourhoods	2018 - 2021
Fu d g Heritage Research Grant, National Heritage Board, Singapore (S\$ 102,000.00)	
Co-Principal Investigator Re ea ch P oject Smart Design: Human-Centric Planning of Urban Districts Fu d g Cambridge-Berkeley-NUS Global Alliance Research Fund (\$\$87,500.00)	2017 – 2018
Principal Investigator	2014 – 2018
Re ea ch P oject An Analytical Morphological Approach to Urban Conservation in China Fu d g Ministry of Education (MOE) Academic Research Fund (AcRF), Singapore (S\$ 89,957.10)	
Co-Principal Investigator	2018 - 2020
Re ea ch P oject Parametric Urban Modelling for JTC's Jurong Vision Fu d g Jurong Town Corporation (JTC), Singapore (\$\$ 147,720.00)	
Co-Principal Investigator Re ea ch P oject Re-thinking Our Urban Planning and Design Processes Fu d g Special fund for SG50, National University of Singapore, Singapore (S\$ 30,700.00)	2014 - 2015

 Collaborator 	2015 - 2017
$Re\ ea\ ch\ P\ oject$ Typology Study for Public Housing in Dover, Singapore $Fu\ d\ g$ Urban Redevelopment Authority(URA), Singapore	
 Collaborator 	2013 - 2014
Re ea ch P oject Urban Prototyping	

AWARDS & HONOURS

Fu d g National University of Singapore Seed Fund, Singapore

Research Awards & Fellowship	
Best Paper Award, EFth" 27' 8, \$, '-, "78" A' 5, \$' &5(7' &3" G7\$ 4* "78" #\$%&' () * "" International Forum on Urbanism (IFoU)	2020
Best Paper Award, EHth" 27' 8, \$, ' -, "78" A' 5, \$' &5(7' &3" G7\$ 4 * "78" # \$%&' () * "" International Forum on Urbanism (IFoU)	2017
Visiting Academic, The Bartlett School of Planning, UCL " The Bartlett Faculty of the Built Environment, University College London (UCL), United Kingdom	2015
Cambridge Overseas Trust" University of Cambridge, United Kingdom	2008 - 2011
Downing College Research Grant" University of Cambridge, United Kingdom	2009
<u>Teaching Awards</u>	
Honour Roll, University Annual Teaching Excellence Award (ATEA) National University of Singapore, Singapore (After receiving the award for three times)	2022
University Annual Teaching Excellence Award (ATEA) 2020/2021 " National University of Singapore, Singapore (Less than 2% of teaching staff at NUS receive this award)	2022
University Annual Teaching Excellence Award (ATEA) 2019/2020 " National University of Singapore, Singapore (Less than 2% of teaching staff at NUS receive this award)	2021
University Annual Teaching Excellence Award (ATEA) 2017/2018 " National University of Singapore, Singapore (Less than 2% of teaching staff at NUS receive this award)	2019
Honour Roll, School Teaching Excellence Award Honour Roll School of Design and Environment, National University of Singapore, Singapore	2021
School Teaching Excellence Award 2019/2020 " School of Design and Environment, National University of Singapore, Singapore	2021
School Teaching Excellence Award 2018/2019" School of Design and Environment, National University of Singapore, Singapore	2020
School Teaching Excellence Award 2016/2017" School of Design and Environment, National University of Singapore, Singapore	2018
Selected Invitations to Lectures and Presentations	
Invited Keynote: D. &\$(' 1!")>&-, "&' /")>&-, B). &\$(' 1">\$&-5(-, " Fast-forward Talk, University of Auckland, Auckland, New Zealand"	2023
Invited Talk: +, (' C, ' 5(' 1"5. , "). &\$(' 1"-(5?"8\$7* "27C(/BEI International Academic Symposium, Asia Culture Centre, Gwangju, South Korea	2022
Invited Talk: 071, 5. , \$ Singapore Pavilion (Home exhibition), the 17 th Venice Architecture exhibition of La Biennale di Venezia	2022

Invited International Keynote: 2733, -5(C, "+, &3*" Curtin University, Perth, Australia	2021
Invited Talk: A' 5, \$' &5(7' &3"J7(-, B27')5\$4-5(' 1"27, K()5, ' -, "&' /"G454\$, "78"L' C(\$7' * , ' 5B* &M(' 1" Nanjing University, Nanjing, China	2021
Invited talk, N#D"O, & (' 1"9-&/, * ?BD 773"78": ,)(1' "&' /"L' C(\$7' * ,' 5"O, & (' 1"O, %(' &\$" National University of Singapore, Singapore	2020
Invited talk, N#D"G,)5(C&3"78"P, &\$' (' 1" National University of Singapore, Singapore	2019
Invited lecture, 9' ' 4&3"2#QL"R7\$M). 7>"" Urban Redevelopment Authority (URA), Singapore	2017-Present
Invited talk, #A9"D, 743"A' 5, \$' &5(7' &3"D54/(7"G7\$4*!"#A9"O7\$3/"27' 1\$,))"78"9\$ (5, -5)"" The Architectural Institute of Korea (AIK), Seoul, South Korea	2017
Invited talk, O., "Q&\$53, 55" 67\$>. 7371?" S\$74>"A' 5, \$' &5(7' &3"D, * (' &\$)"D, \$(,)" The Bartlett School of Planning, University College London, London, UK	2015
Invited lecture,: , >&\$5* , ' 5"78"S, 71\$&>. ?"S4,)5"P, -54\$, " Department of Geography, University of Birmingham, Birmingham, UK	2015
Invited lecture, D 773"78"9\$ (5, -54\$, "&' /"#\$%&' "=3&' ' (' 1"S4,)5"P, -54\$, "D, \$(,)" School of Architecture and Urban Planning, Nanjing University, China	2013
Invited talk, : , >&\$5* , ' 5"2 , ' 5, ' &\$?"D?* >7)(4* Γ "EHH"U , &\$) Γ "+,) , &\$ "&' /"=\$&-5(- , "Department of Architecture, University of Cambridge, UK"	2012
Selected International Exhibitions	
UIA World Congress of Architects 2023:" Copenhagen, Denmark "	2023
17th International Architecture Exhibition at La Biennale di Venezia: How will we live together?" Venice, Italy	2021
Singapore Architecture Festival 2020: Architecture Saving Our World" Singapore, Singapore	2020
UIA World Congress of Architects 2017: Soul of City" Seoul, South Korea	2017
Beijing International Design Week" Beijing, China	2017

PUBLICATIONS

Books

 $P(!"VW"@"X. \&' 1!"UW";YHYY< \verb""Conserving" and managing historical urban landscape: An integrated morphological approach \verb""D(' 1&>7$, I"D>$(' 1, $"N\&54$, \bar{W}")$

2. &' !"\\"@"X. &' 1!"\\"\$\H\\Sharing by Design\\2. &* !\DR(5], \\$3&' /\T\D>\\$(' 1, \N&54\\$, \\

 $\4 \$ 1!"\\"X. &' 1!"\\":, "S&4)!"6\\"X. &' 1!"\\"@"0&' !"0\\[\\";YHYH<\\"Sharing Cities.\"Q, (\('\) 1T"0)(' 1. 4\\"\\" (C,\\$)(5?" =\\$,))\\""

X. &' 1!"UW;YHE_<\WThe Effects of Street-alleyway Environment upon Pedestrian Activities in the Old City of Beijing $\footnote{1}{7-57$\&3"/()}$, \$5\&5(7' \\W#' (5, /"[(' 1/7 * \\T"#' (C, \$)(5?"78"2&* %\\$(/1, \\W") = 1.57\)

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Edited Volumes & Special Issues of Journals

Journal Articles

- $V(\&!"XWOW!"@"X. \&' 1!"UW";YHEI<WG$7*"nd: o"57"nd: pNoT"+, C(, R"78")54/(,)"7' "OC: ">, 87* &' -, WUrban Planning International, F_;d<!">>>WEHIBEEbW'/7(IEHWYYYEhq4>(WHEeWdb""")$
- X. &' 1!"UW"@"2., ' $!"[W\WOW";YHEe<W\\7R"('-34)(C,"()"5.,").$ &\$(' 1",-7' 7* ?m"9' /"R. &5"()"5.,"(* >3(-&5(7' "87\$" ',(1. %74\$. 77/"/,)(1' m"Proceedings of the Institution of Civil Engineers Urban Design and Planning, EhE;b<!">>>WY_hB Ydh. /7($I"EHWEbeHg^4$/>WEeWHHHFb$ "
- D7' 1!"U₩"\&' !": ₩"@"X. &' 1!"U₩;YHEe<₩+, >\$,),' 5(' 1"5., "-7* >7)(5(7' &3". (, \$&\$-.?"78"%4(35"87\$* "78"2. (',), "-(5(,))™&" -&),")54/?"78"N&' '\ 1₩'Architectural Journal, dll!">>₩F_BFIW""
- X. &' 1!"U\";YHEd<\67\\$>. 73714, I\"5. , \"Q&\\$53, 55\"4\\$\%\&' \"* 7\\$>. 7371?\"1\\$74>\"R7\\$M). 7>!\"P7\' /7\"\\"Urban Morphology!\"EI;Y<!\" >>\\"Ebh\BEbe\\"
- X. &' 1!"UW;YHEE<\P, &\('1"8\7*". ()57\\$?!"\\$,83,-5('1"7'"\\$,83(5?"\&'/"/,)(1'('1"8454\\$,"R(5. "\\$,)>7')(\(3(5?"\&'/"-7**(5*,'5"\B*\),C(,R"78"\#A9"07M?7\WArchitectural Journal!"dEe!">>\WEBe\W""
- X. &' 1!"UW"; YHEE<\=4%3(-")>&-, "/,)(1' "&)"&">\$7-,))"B"\$, 83, -5(' 1"7' ", K>, \$(, ' -, "78"27>, ' . &1, ' \(\mathbb{W}\)Architectural Journal!" dHI!">>\(\mathbb{E}\)B_\(\mathbb{W}\)"
- X. &' 1!"UW"@": 7' &3/!"9\";YHEH<\"+()MT"R. &5"\&\$, "R,")5(33")-\&\$, /"78\"\Urban Design!\"EE_!\">>\\"EHBEE\\"
- P(!"VN!"@"X. &' 1!"U\";YHHI<\"P, 85B7C, \$"4\$%&' ")>&-, \"World Architecture!"YYF!">>\"EE_BEEb\"/7(\"EH\\"Eb_E_g\"\\"R&\\\"HHI\\\"HE\\\HY\\"\"

Book Chapters

- X. &' 1!"U"@"2. &' !"ZW[W\ W;YHYE<WO7R&\$/)"&' "9\$-. (5, -54\$, "78"5. , "D. &\$(' 1"2(5?WA' "Together: The Singapore PavilionWD(' 1&>7\$, I": , >&\$5* , ' 5"78"9\$-. (5, -54\$, !"N&5(7' &3"#' (C, \$)(5?"78"D(' 1&>7\$, W

Book Reviews, Magazine Articles & Interviews

- X. &' 1!"UW!"@"2. &' !"ZW[W\ W;YHYE<W'9\$-. (5, -54\$, "78"D. &\$(' 1"24354\$, W'Skyline!"E_!"YeBYIW"
- 2. &' !"ZW[W\ W"@"X. &' 1!"UW; YHYH<\"D, , M(' 1"' , R"&\$-. (5, -54\$&3"87\$*)"&' /") 7-(&3">\$7-,)),)"&* (/"27C(/BEI\"The Singapore Architect, 19, >>_YB_F\\""

- 2. &' !"ZW[W\ W"@"X. &' 1!"UW;YHEI<W'9' 5(-(>&5(' 1"5. , "&\$-. (5, -54\$, "78"). &\$(' 1"-4354\$, WThe Singapore Architect, 16, >>WI bB
- X. &' 1!"UW;YHEb<WQ77M"\$, C(, RI"2. (' ,), "4\$%&' "/,)(1' I"5. , "5?>7B* 7\$>. 7371(-&3"&>>\$7&-. \wsgrungled{W} Journal of Urban Design!" YE;d<!">>\whhYfhHF\w/7(\text{IEHWEHeHqEFdh_eHI\wheb\wearbayHEeF}"

Conference Papers

- \,!"X\\"@"X. &' 1!"U\\";Y\HYE\\": (C,\$)(5?"78"Q4(35"G7\$* \T"A)"(5"&' \/"(5)"\$, 3\&5(7')"\R(5. "75. ,\$"\(* ,')(7')"78"\(C,\$)(5?"\R, 33" * , &)4\$, \m''=&>,\$">\$,),'5, \/"&5"5. ,"\(E_{th} International)

- X. &' 1!"UW"Z(' !"XW" [4* &\$(!"+\\"D, &. !"2\\"G\\\"@"2. 4&!"O\\"D\\";YHEe\\"G, &) 4\$(' 1"5. , ">. ?)(-&3">\$78(3, "&' /"4), "78"=&\$M" 27' ', -57\$"N, 5R7\$M"(' "D(' 1&>7\$, "4)(' 1"/, , >"3, &\$' (' 1"&' /"%(1"/&5&"&' &3?5(-)\\"A' "Proceedings of IFoU 2018: Reframing Urban Resilience Implementation: Aligning Sustainability and Resilience\\"G: =\\\"/7(\\"E\\\FFI\\HG\(874YHEe\\HG\)hY"
- X. &' 1!'UW'D(*7' &!'9W'Z&')), ' !'=W''@''D57488)!'+W; YHEeW: ,)(1' "87\$"R&3M&%3, "' ,(1. %74\$. 77/)"(' "D(' 1&>7\$,"4)(' 1" G7\$* B%&), /"27/,)WA' "Proceedings of IFoU 2018: Reframing Urban Resilience Implementation: Aligning Sustainability and ResilienceWG: $=AW/7(I"EHWFFIHg(874YHEeBHdIF_")$
- A)3&*!"NW"@"X. &' 1!"UW;YHEh<\LK>37\$(' 1"5. ,"(' 5, \$\$, 3&5(7' "%, 5R, , ' ")5\$, ,5"5\$&/(' 1"&' /"4\$%&' "87\$* "(' ": . &M&I"&"' , R" * 7\$>. 7371(-&3"&>>\$7&-. \WA' "O\\\, ' /\$(M!"S\U\&' "@"+\WG\$&' -,)-7";\L/)\\!"The Entrepreneurial City: proceedings of the 10th conference of International Forum on Urbanism";>>\WFb\HBFh\\\\\\\7' 1"[7' 1\D9+!"2. (' &I"O. ,"2. (' ,), "#' (C,\$)(5?"78" \7' 1"[7' 1\\"
- - 2. &' !'TW[W\ W"@"X. &' 1!"UW;YHEh\W"9"D?)5, *)"9>>\$7&-. "57": ,)(1' (' 1"#\$%&' "27* * 7')"&' /"O. , (\$"D. &\$(' 1"=\$&-5(-, I" 9"2&), "D54/?"78"&' "#\$%&' ": ,)(1' "D54/(7"(' "D(' 1&>7\$, WA' "QWD, C&3/)7' "; L/W:!"Proceedings of Relating Systems Thinking and Design (RSD6) 2017 Symposium

X. &' 1!"UW;YHHI<\27')5\&(' 5"&' /"4' -, \\$5\&(' 5?\I\\8"\\$()M">,\\$)>, -5(C, "78">4\%3(-")>\&-, "/,)(1' "\&' /"* \&(' 5, ' \&' -, \WA' "P\Wi 4!" 2\WU\&' 1!\IV!\\4(!\@\IPW) \\4(!\IPW) \\

PhD STUDENTS SUPERVISED

Niloofar Hashemi ;= $\$$,)(/, '5k)"S $\$$ &/4&5, "G, 337R). (>< The top c Reproducing belonging – Public spaces and cultivation of new belongings among Iranian migrant women	2022 –
Wang Linghao The top c TBC	2022 –
Yihan Zhu ;: , >& 5^* , ' 5^* , ' 5^* , ' 5^* , ' 5^* , ' 5^* . (>< The top c Understanding the imageability of urban public spaces through multi-source data in Singapore	2021 –
Yanhan Liu The $top\ c$ Effects of physical environments on intergenerational interaction in urban public spaces at high-density Singapore neighbourhoods	2021 –
Zhengping Liow The top c Navigating the waves – evaluating the role of social support and academic buoyancy on mental well-being and academic performance in beginning design students	2021 –
Zhuoshu He The $top\ c$ Measuring diversity of built environment for neighbourhood housing mix	2020 –
Nabanita Islam ; N#D"+,), &\$ "D 73&\$). (>< The top c Spatial distribution of street trading location in Dhaka: Patterns and influencing factors	2016 – 2023
 Xiaoxi Li; N#D"+,), &\$ "D 73&\$). (> The top c Exploring combined approach of urban morphology to plan unit recognition and evaluation 	2014 – 2019
• Rashed Bhuyan; $N\#D"+$,), &\$ "D 73&\$). (>< The top c Children's play and its relationship with urban physical environments in Dhaka	2013 – 2018

TEACHIING

Selected Teaching Innovations & Leadership

N S- D R S

 $N \quad C \qquad , M \qquad A \qquad \qquad D \qquad (MA \quad D) P \qquad , N \quad S$

 $I \qquad \qquad F \qquad \qquad (IF \quad)G \qquad S$

C & B E (C BE)

N S-B C E A (B AEA)