

Curriculum Vitae

Zdravko TRIVIC, Ph.D. (Architecture)

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EDUCATION / ACADEMIC QUALIFICATIONS

- 2006-11 **PhD:** Department of Architecture, School of Design and Environment (SDE), NUS
Thesis: Total Healing Environment and Seduction in Contemporary Consumption Spaces
Supervisors: Dr Ruzica Bozovic Stamenovic & Dr Hee Limin
- 1999-05 **Dip. Ing. Arch. (Graduate Engineer of Architecture):** Faculty of Architecture, University of Belgrade, Serbia [M.Arch equivalent]

EMPLOYMENT HISTORY

- 2023- **Master of Urban Planning Programme Director** (since May 2023), Department of Architecture, CDE, NUS
- 2015- **Assistant Professor** (since Aug 2015), Department of Architecture, CDE, NUS
- 2011-15 **Research Fellow** (Jul 2011–Aug 2015), Centre for Sustainable Asian Cities (CSAC), SDE, NUS
- 2013-15 **Part-time Design Tutor**, Department of Architecture, SDE, NUS
- 2010-11 **Research Assistant** (Nov 2010–Jun 2011), CSAC, SDE, NUS
- 2006 **Architect**, “IV Architects”, Belgrade, Serbia
- 2004-05 **Furniture and Interior Designer** (freelance), Belgrade, Serbia

A: AWARDS & HONOURS

A1: Teaching Awards

- 2021 School of Design and Environment, Faculty-level Teaching Excellence Award AY2019/2020
- 2020 School of Design and Environment, Faculty-level Teaching Excellence Award AY2018/2019

A2: Research Grants

- 2022- **Co-Lead Principal Investigator** (with Co-Lead PI: Christoph Hölscher, SEC/ETH Zurich)
25
 - *Research Project:* **Architectural Cognition in Practice**
 - *Funding:* Future Cities Laboratory (FCL) Global & National Research Foundation (NRF), SG
- 2021- **Principal Investigator**
23
 - *Research Project:* **Enhancing cognitive reserve in the community: Exploring the effects of Sensory Environment and Playfulness on Depression and Cognition (SEPDC) among older adults** (Project ID: MOH-000749-00)
 - *Funding:* NIC Healthy Longevity Catalyst Award 2021 - National Academy of Medicine (NAM), USA & National Research Foundation (NRF)/Ministry of Health (MOH), SG
- 2021- **Co-Principal Investigator** (PI: Cho Im Sik, NUS)
23
 - *Research Project:* **A Participatory Translational Study to Foster Positive Community Behaviour** (Award No. MOE2020-CCG-001)
 - *Funding:* Social Science & Humanities Research (SSHR) Grant, Ministry of Education (MOE), SG
- 2021- **Principal Investigator** (with Go Kim Huat, NTU)
23
 - *Research Project:* **Assessing Cities: A SCoRE (Societal Comprehensive Reflective Estimate) Methodology** (Award No. COT-CityScan-2020-1)
 - *Funding:* NRF MND Cities of Tomorrow (CoT) R&D Programme – CityScan, SG

- 2017- **Co-Principal Investigator** (PI: John Fung Chye, NUS)
21
- *Research Project: Designing Future-ready and Sustainable Nursing Homes for Person-Centric Care Models in Communities* (Award No. L2NICTDF1-2017-5)
 - *Funding: L2 NIC, NRF (National Research Fund), MND (Ministry of National Development), URA (Urban Redevelopment Authority) & MOH (Ministry of Health), SG*
- 2017- **Co-Principal Investigator** (Lead PI: Bige Tuncer, SUTD)
20
- *Research Project: Pedestrian Comfort in High Pedestrian Activity Areas* (Award No. L2NICTDF1-2017-5)
 - *Funding: L2 NIC, NRF, MND & URA, SG*
- 2017- **Principal Investigator**
19
- *Research Project: Multi-Sensory Approach to Ageing-friendly Design in High-Density Contexts* (WBS: R-295-000-145-115)
 - *Funding: MOE (Ministry of Education) AcRF TIER 1, SG*
- 2016- **Principal Investigator**
18
- *Research Project: Arts and Culture Nodes in the Heartlands of Singapore: Exploring Spatial Opportunities and Impacts (Phase 2)* (WBS: R-294-000-061-490)
 - *Funding: NAC (National Arts Council) Grant, SG*
- 2014- **Research Fellow** (PI: Cho Im Sik, NUS)
15
- *Research Project: A Study on the Application of Design Recommendations to Foster Community Bonding* – Hello Neighbour!
 - *Funding: HDB (Housing Development Board), SG*
- 2011- **Research Fellow** (PI: Cho Im Sik, NUS)
14
- *Research Project: Urban Space Planning for Sustainable High Density Environments*
 - *Funding: MND, URA, HDB & NParks, Singapore*
- 2012 **Research Assistant** (PI: Darko Radovic, Keio University, Japan)
10
- *Research Project: Measuring the non-Measurable*
 - *Funding: Japanese MEXT Senryaku Strategic Grant*
- 2008- **Research Assistant** (PI: Ruzica Bozovic-Stamenovic, NUS)
10
- *Research Project: Visual Images and Total Healing Environment in Hospital Design – Cross Cultural Study on Art Preferences*
 - *Funding: NUS ARF*

A3: Academic Grants

- 2019 NUS Centre for the Arts (CFA): S\$3,000 grant for SDE/CFA teaching collaboration project for NUS Arts Festival 2020

A4: Research Awards & Fellowships

- 2023 Academic Guest: Department of Architecture, ETH Zurich, Switzerland [TBC]
- 2019 Visiting Research Fellow: Manchester School of Architecture, Manchester, UK [May-Jun 2019]
- 2017 Outstanding Paper Award: UIA 2017 SEOUL WORLD ARCHITECTS CONGRESS, Seoul, South Korea (3-10 September 2017)
Paper Title: "Activating Urban Spaces and Communities through Arts and Culture"
- 2017 Outstanding Paper Award: UIA 2017 SEOUL WORLD ARCHITECTS CONGRESS, Seoul, South Korea (3-10 September 2017)
Paper Title: "Seductive Experience of Contemporary Shopping Environments"
- 2006 NUS PhD Research Scholarship (2006-10)

A5: Invited Speaker & Discussant

- 2022 "Urban Nature & Health Round-table". NUHS, NUS Mind Science Centre & NParks, Singapore, 24 Feb 2022. [Discussant]
- 2021 "Cultural Heritage, Digitalization and Urban Diversity in Asia". Asia Research Institute, NUS, 23-24 Sep 2021. [Discussant]
- 2021 "Multi-Sensory Design and Ageing-Friendly Spaces". Urban Lab webinar series. Urban Redevelopment Authority (URA), Singapore, 4 Feb 2021.

- 2020 "Community Arts and Culture Initiatives in Singapore: Spatial Opportunities and Impacts". Singapore Research Nexus (SRN) Virtual Event: Humanities and Social Sciences Research on Singapore. Faculty of Arts and Social Sciences, NUS, Singapore, 29 Oct 2020.
- 2020 "Arts & Culture Nodes in the Heartlands of Singapore: Exploring Strategies, Spatial Opportunities & Impacts." Centre For the Arts (CFA) Internship Programme Lecture Series: Placemaking – Where do we begin? Perspectives and Strategies. NUS, Singapore, 15 May 2020.
- 2019 "Arts and Culture Nodes: Space Activation for and by the Arts and Impacts". Arts and Culture Research Symposium 2019: The Impacts of Arts on Spaces, People and Communities. National Gallery Singapore, Singapore, 15 Mar 2019. [Keynote Speaker and Discussant]
- 2018 "Arts and Culture Nodes in the Heartlands of Singapore: Exploring Strategies, Spatial Opportunities and Impact". CSAC Research Seminar: Social Aspects of Urban Sustainability: Community and Quality of Life, NUS, Singapore, 30 Oct 2018.
- 2018 "Spatial Opportunities, Strategies and Impacts of Arts and Culture Activities in the Heartlands of Singapore". Let's Connect 2018: Activating Community Spaces through Arts and Culture. Wisma Geylang Serai, Singapore, 22 Oct 2018. [Keynote Speaker]
- 2018 "Design for Health: Multi-sensory Approach to Design". Mind and Future Workspaces – Design Charrette & Workshop 2018, CARE (Centre for Ageing Research in the Environment), SDE & NMSC (NUS Mind-Science Centre), NUS, Singapore, 27 Feb 2018.
- 2017 "Bringing Arts Closer to Local Communities: Opportunities and Impacts on Community Bonding". Building Resilient Neighbourhoods the Convergence of Policies, Research, and Practice Workshop. Lee Kuan Yew School of Public Policy IPS Social Lab & CSAC, NUS, Singapore, 7 Apr 2017.
- 2014 "A Methodological Approach to Urban Space Planning for Sustainable High-Density Environments". CSAC Research Symposium: Researching Sustainability in Dense Urban Environments, CREATE, NUS, 18 Sep 2014.
- 2008 "Hospitalisation of Public Space" [The Fit City Competition Winning Presentation]. Oxford Health Alliance Summit, Sydney, Australia, 25-27 Feb, 2008.

A6: Exhibitions

- 2023 Venice Biennale of Architecture (May-Nov 2023): 18th International Architecture Exhibition - "The Laboratory of the Future", Venice, Italy
- "Architectural Cognition in Practice", FCL Global programme exhibition (in preparation)
- 2006 "Student Cultural Centre Belgrade" [Master Dissertation Project]
- Venice Biennale of Architecture (Jun-Nov 2006): 10th International Architecture Exhibition - "Cities: People, Society, Architecture", Scoletta di San Giovanni, Venice, Italy - with "Project Belgrade: Transition:ism"
 - Project Belgrade Exhibition, Student Cultural Centre, Belgrade, Serbia
- 2005 "Worm Coil" [urban furniture with Z. Vesic & S. Stojkovic, with 'Belgrade Symbiosis' & 'Sinestezia']
- 22nd UIA World Congress of Architecture (3-7 Jul 2005), Istanbul, Turkey
 - "NON-STANDARD OPENING", by "Belgrade Symbiosis" (May, 2005), BIGZ, Belgrade, Serbia
 - MARCHI, Faculty of Architecture (Jan 2005), Moscow, Russia
- 2005 43rd Faire of Furniture, Accessories and Decoration, Belgrade, Serbia
- 2004 "Urban Functions - Centres: Architectural & Urban Design for Sava River Waterfront, Belgrade"
- 13th Salon of Urbanism, Banja Luka, Bosnia and Herzegovina
 - Urban Design Exhibition, Museum of Ethnography, Manak's House, Belgrade, Serbia
- 2002 "Urban Functions - Recreation: Spatio-Functional Concept for the Future Network of Recreational Spaces in Downtown Belgrade": 11th Salon of Urbanism, Kragujevac, Serbia

B: RESEARCH

Research Areas

- Multi-sensorial and perception-driven approaches to urban design and neighbourhood planning
- Design for well-being, ageing-friendly and health-supportive environments
- Urban spaces in high-density environments
- Arts and public space, placemaking and participatory design

B1: Publications

Books, Edited Volumes & Guides

- 2023- **Trivic, Z.** (forthcoming, 2023-24). *Multi-Sensorial Approach to Cities and Wellbeing: Learning from 24 Singapore*. London; New York: Routledge
- 2021 **Trivic, Z.** (2021). *Community Arts and Culture Initiatives in Singapore: Understanding the Nodal Approach*. London; New York: Routledge. DOI: <https://doi.org/10.4324/9781003006473>
- 2019 **Trivic, Z.**, Mascarenhas, N., Duong, Q., Tan, B.K., & Padawangi, R. (2019). *Bringing Arts into the Neighbourhoods: Choosing the Right Space and Strategy*. Singapore: National Arts Council.
- 2019 **Trivic, Z.**, Duong, Q., Mascarenhas, N., Tan, B.K., & Padawangi, R. (2019). *Assessing the Impact of Bringing Arts into Neighbourhoods*. Singapore: National Arts Council.
- 2016 Cho, I.S., Heng, C.K., & **Trivic, Z.** (2016). *RE-FRAMING URBAN SPACE: Urban Design for Emerging Hybrid and High-Density Conditions*. New York: Routledge. DOI: <https://doi.org/10.4324/9781315725147> (B1.5)
- 2016 Zhang, Y., Heng, C.K., Cho, I.S., Chan, J., Widodo, J., Tamura, J., Lee, K.W., Garcia-Villalba, O.C., Samsudin, R., & **Trivic, Z.** (Eds.). (2016). *Crossroads: Asian Streets in the Dynamics of Change*. Singapore: Department of Architecture, National University of Singapore

Editorial Work

Guest Editor of Refereed Journal Special Issue

- 2021 Gan, D.R.Y., & **Trivic, Z.** (2021). Edition 7: Ageing City, "Ageing and Dementia-friendly Urban Design: New Directions for Interdisciplinary Research". *Journal of Urban Design and Mental Health (UD/MH)*, 7:1, Centre for Urban Design and Mental Health, UK. URL: <https://www.urbandesignmentalhealth.com/journal-7-editorial.html>
- 2020 **Trivic, Z.** (2020). "Alternative Perception-driven and Multi-Sensorial Approaches to Urbanism, Age-Friendly and Health-Supportive Design", *Sustainability*, MDPI, Switzerland. URL: [https://www.mdpi.com/journal/sustainability/special issues/urban design for well-being](https://www.mdpi.com/journal/sustainability/special%20issues/urban%20design%20for%20well-being)

Topic Editor

- 2021-23 "Sustainable Built Environment", MDPI. Journals: *Sustainability; Buildings; Energies; Urban Science; & Environments*. [https://www.mdpi.com/topics/Sustainable Built Environment](https://www.mdpi.com/topics/Sustainable%20Built%20Environment)

Editorial Assistant (Book)

- 2012 Hee L., Boontharm, D., & Viray, E. (Eds.) (2012). *Future Asian Space: Projecting the Urban Space of New East Asia*. Singapore: NUS Press. URL: <https://www.jstor.org/stable/j.ctv1qv2mg>
- 2010 Heng, C.K., Low, B.L., & Hee L. (Eds.) (2010). *On Asian Streets and Public Space*. Singapore: NUS Press. URL: <https://www.jstor.org/stable/j.ctv1qv3b2>

Book Chapters

- 2021 **Trivic, Z.**, & Low, K.E.Y. (2021). Studying Multi-Sensory Neighbourhoods and Ageing-Friendly Design: Methodological Propositions. In X. Bonnaud, & V. Faigneau. (Eds.), *Nouveaux territoires de l'expérience olfactive (New Territories of the Olfactory Experience)*. Gollion: Infolio, pp. 179-196.
- 2020 **Trivic, Z.** (2020). Foreword. In Participate in Design (P!D) (Ed.), *Arts @ MacPherson: Reflections on Creating Art with People and Embracing the Neighbourhood*. Singapore: P!D, pp. 8-13.
- 2020 **Trivic, Z.** (2020). Bringing Arts Closer to Local Communities: Spatial Opportunities and Impacts on Community Bonding. In L.C. Hoong, & L.C Malone-Lee (Eds.), *Building Resilient Neighbourhoods in Singapore: The Convergence of Policies, Research and Practice*. Springer, pp. 101-128. DOI: https://doi.org/10.1007/978-981-13-7048-9_7

- 2014 Cho, I.S., & **Trivic, Z.** (2014). Integrating Design, Use and Operational Complexities in High-Density Urban Space Environments: 'Tool for Urban Space Analysis (TUSA)'. In Cavallo et al. (Eds.), *New Urban Configurations*. Amsterdam: IOS Press, pp. 623-630. DOI: <https://ebooks.iospress.nl/DOI/10.3233/978-1-61499-365-0-630>
- 2013 Cho, I.S., & **Trivic, Z.** (2013). Urban Space for Aging Population in High-Density Environment. In *Vertical Cities Asia International Design Competition and Symposium 2012, Everyone Ages, vol. 2*. China: Guangxi Normal University Press, pp. 86-93.
- 2012 Hee, L., & **Trivic, Z.** (2012). Evaluation of Sustainable High-Density Environments. In T. Schroepfer (Ed.), *Ecological Urban Architecture: Qualitative Approaches to Sustainability*. Basel: Birkhäuser, pp. 150-163.
- 2012 Hee, L., & **Trivic, Z.** (2012). Introduction: Future Asian Space. In L. Hee, D. Boontharm, & E. Viray (Eds.), *Future Asian Space: Projecting the Urban Space of New East Asia*. Singapore: NUS Press, pp. xii-xxviii.
- 2010 **Trivic, Z.**, Bozovic-Stamenovic, R., & Hee, L. (2010). Seduction and Healing in Architectural Design: Can Contemporary Consumption Spaces Heal? In R. C. W. J. G. Joost (Eds.), *Questions, Hypotheses & Conjectures: Discussions on Projects by Early Stage and Senior Design Researchers*. Berlin: iUniverse for A DRNetwork, pp. 89-102.

Refereed Journal Articles (* Corresponding Author)

- 2023 **Trivic, Z.*** (forthcoming, 2023). Older Adults' Multi-Sensory Experience: An Eye-tracking Study of High-Density Residential Neighbourhoods in Singapore. *Journal of Urbanism: International Research on Placemaking and Urban Sustainability*. [under review]
- 2022 Dillon, P.*, Gan, R.Y.D., **Trivic, Z.**, Ng, T.K.S., Rhodus, E., Best, J., & Jorde, S. (2022). Playfulness for Brain Health in Mid- and Late-Life: Scoping Review to Support Preventive Non-Pharmacological Interventions in Community Settings. *Archives of Physical Medicine and Rehabilitation*, 103(3): e5. DOI: <https://doi.org/10.1016/j.apmr.2022.01.012> [short article]
* IF: 4.06 (JCR 2021), JCI 2021: 1.43 (WoS); CiteScore 2021: 6.0, SJR 2021: 1.024 (Scopus)
- 2021 Xue, X.*, **Trivic, Z.**, & Ho, P.P. (2021). Living Theatrical Approach to Creative Placemaking: The Case of Xisan Film Studio Project in China. *Cultural Trends*, 32(5): 470-489. DOI: <https://doi.org/10.1080/09548963.2021.2017753>
* IF: 2.059 (JCR 2021), JCI 2021: 2.53 (WoS); CiteScore 2021: 2.4, SJR 2021: 0.547 (Scopus)
- 2021 **Trivic, Z.*** (2021). A Study of Older Adults' Perception of High-Density Housing Neighbourhoods in Singapore: Multi-Sensory Perspective. *International Journal of Environmental Research and Public Health*, 18: 6880. DOI: <https://doi.org/10.3390/ijerph18136880>
* IF: 4.614, JCI 2021: 2.2 (WoS); CiteScore 2021: 4.5, SJR 2021: 1.440 (Scopus)
- 2021 Zhu, Y., Zhang, Y., Wang, Y., & **Trivic, Z.*** (2021). The Square Dance in China: How Sensory Design Can Foster Inter-Generational Interaction and Improve Older Adults' Wellbeing. *Journal of Urban Design and Mental Health (UD/MH)*, 7: 7 URL: <https://www.urbandesignmentalhealth.com/journal-7-square-dance.html>
- 2021 Tan, J.W.J., Yaw, J.Y.E., Wang, Y., & **Trivic, Z.*** (2021). The Repository: Where Reminiscence becomes Reliving through Synesthetic Architecture. *Journal of Urban Design and Mental Health (UD/MH)*, 7: 8. URL: <https://www.urbandesignmentalhealth.com/journal-7-reminiscence.html>
- 2020 **Trivic, Z.***, Tan, B.K., Mascarenhas, N., & Duong, Q. (2020). Capacities and Impacts of Community Arts and Culture Initiatives in Singapore. *Journal of Arts Management, Law and Society*, 50(2): 85-114. DOI: <https://doi.org/10.1080/10632921.2020.1720877>
* IF: 4.614 (JCR 2021), JCI 2021: 0.93 (WoS); CiteScore 2021: 1.2, SJR 2021: 0.363 (Scopus)
* top 25% citation percentiles (field-weighted) (Scopus)
- 2017 Cho, I.S.*, **Trivic, Z.**, & Nasution, I. (2017). New High-Density Intensified Housing Developments in Asia: Qualities, Potential, and Challenges. *Journal of Urban Design*, 22(5): 613-636. DOI: <http://dx.doi.org/10.1080/13574809.2017.1311770>
* IF: JCI 2021: 0.79 (WoS); CiteScore 2021: 4.0, SJR 2021: 0.751 (Scopus)
- 2015 Cho, I.S.*, **Trivic, Z.**, & Nasution, I. (2015). Towards an Integrated Urban Space Framework for Emerging Urban Conditions in High-Density Context. *Journal of Urban Design*, 20(2): 147-168. DOI: <https://doi.org/10.1080/13574809.2015.1009009>
* IF: JCI 2021: 0.79 (WoS); CiteScore 2021: 4.0, SJR 2021: 0.751 (Scopus)

Conference Paper Presentations

- 2023 **Trivic, Z.**, Yeap, S.K., & Zhang, J. (2023). Negotiating Neighbourliness: Understanding Inconsiderate Social Practices through Data Mining and Culture Probes in Singapore Public Housing Neighbourhoods. EDRA54 Environment and Health. 20-23 Jun 2023, Mexico City, Mexico
- 2023 **Trivic, Z.**, Sinha, A., Ma, K., & Goh, K.H. (2023). Beyond Visualisation of Big Data: Towards Dynamic Data-driven City Planning in Singapore. AESOP 2023 – Integrated Planning in a World of Turbulence. 11-15 Jul 2023, Łódź, Poland
- 2023 **Trivic, Z.**, Sinha, A., Ma, K., & Goh, K.H. (2023). Beyond Visualisation of Dynamic City Data: Supporting Data-driven City Planning and Decision-making Processes. ISUF 2023 – Praxis of Urban Morphology. 4-9 Sep 2023, Belgrade, Serbia
- 2023 **Trivic, Z.**, Yeap, S.K., & Zhang, J. (2023). Neighbourhood Dis-amenities in Singapore Public Housing: Data Mining and Culture Probe Study of Inconsiderate Social Behaviour. New York – Livable Cities Conference. 14-16 Jun 2023, New York, USA
- 2022 Rivka, N.E., & **Trivic, Z.** (2022). “Dynamic Place Attachment as Enabler in Redevelopment Programs of Singapore Public Housing Neighborhoods”. In A.A. Kantarek, M. Hanzl, T. Figlus, & Ł. Musiaka (Eds.), *Book of Abstracts: XXIX Conference of the International Seminar on Urban Form (ISUF 2022)*, 6-11 Sep 2022, Łódź-Kraków, Poland. Łódź: Łódź University of Technology Press.
- 2021 Xue, X., Ho, P.P., & **Trivic, Z.** (2021). “Living Theatrical Approaches to Creative Placemaking”. International Convention of Asia Scholars (ICAS 12), 24-28 Aug 2021, Kyoto, Japan.
- 2021 **Trivic, Z.** (2021). Engaging the perception of older adults: An eye-tracking multi-sensory study of housing neighborhoods in Singapore. 40th UIA-PHG 2021 in conjunction with 27th UIA World Congress, 20-22 Jul 2021, Rio De Janeiro, Brazil. [virtual]
- 2021 Gan, D.R.Y., Dillon, P., **Trivic, Z.**, Ng, T.K.S., Rhodus, E.K., & Best, J.R. (2021). “Playfulness for Brain Health in Community Settings”. UBC Virtual Brain Health Symposium, 7 May 2021, The University of British Columbia, Vancouver, Canada. [virtual]
- 2020 Tuncer, B., **Trivic, Z.**, Stouffs, R., Mok, J.W., Lim, J., Hoelscher, C., Mavros, P. (2020). “Informed Design of Pedestrian Pathways”. 25th International Conference of the Association for Computer-Aided Architectural Design Research in Asia (CAADRRIA) 2020, 5-6 Aug 2020, Bangkok, Thailand.
- 2019 **Trivic, Z.**, Low, K.E.Y., Radović, D., & Lucas, R. (2019). “Towards Healthful, Ageing-friendly and Enabling Design: A Multi-sensorial Study of Housing Neighbourhoods in Singapore”. European Healthcare Design (EHD) 2019, 17-19 Jun 2019, London, UK.
- 2018 **Trivic, Z.**, Tan, B.K., Mascarenhas, N., & Duong, Q. (2018). “Impacts of Community Arts and Culture Initiatives: A Study of Five Singaporean Neighbourhoods”. Great Asian Streets Symposium (GASS) 2018, 14-16 Dec 2018, Singapore.
- 2018 **Trivic, Z.**, Mascarenhas, N., & Duong, Q. (2018). “Capacities and Impacts of Community Arts and Culture Initiatives in Singapore”. Social Theory, Politics and the Arts (STP&A) 2018, 1-3 Nov 2018, Manchester, UK.
- 2018 **Trivic, Z.**, Radovic, D., Lucas, R., Low, K.E.Y., & Zhang, Q. (2018). “Towards Multi-Sensory Approach to Ageing-friendly Neighbourhood Design: Singaporean Case”. AESOP Annual Congress, 10-14 Jul 2018, Gothenburg, Sweden.
- 2018 **Trivic, Z.**, Radovic, D., Lucas, R., & Low, K.E.Y. (2018). “High-Density Ageing-Friendly Neighbourhoods: Multi-Sensorial Perspective”. In *Surviving and Thriving in Times of Change: The Asian Conference on Aging & Gerontology AGen 2018 Official Conference Proceedings*, 8-10 Jun 2018, Kobe, Japan, pp. 65-90.
- 2017 **Trivic, Z.**, Tan, B.K., Padawangi, R., Mascarenhas, N., & Duong, Q. (2017). “Activating Urban Spaces and Communities through Arts and Culture: Boosting Local Identity and Social Bonding in Singapore’s Housing Neighbourhoods”, UIA 2017 Seoul World Architects Congress, 3-10 Sep 2017, Seoul, South Korea. *UIA 2017 SEOUL PROCEEDINGS*, Seoul: UIA 2017 SEOUL, pp. 1-8, ISBN ISBN 979-11-961666-1-8.
- 2017 **Trivic, Z.** (2017). “Seductive Experience of Contemporary Shopping Environments: A Multi-sensory Perspective”, UIA 2017 Seoul World Architects Congress, 3-10 Sep 2017, Seoul, South Korea. *UIA 2017 SEOUL PROCEEDINGS*, Seoul: UIA 2017 SEOUL, pp. 1-6, ISBN ISBN 979-11-961666-1-8.
- 2017 **Trivic, Z.**, Tan, B.K., Mascarenhas, N., Duong, Q., & Padawangi, R. (2017). “Arts and Culture

Strategies for Activating Neighbourhood Public Spaces: Bringing Arts to the Heartlands of Singapore". AESOP Annual Congress, 11–14 Jul 2017, Lisbon, Portugal. *AESOP 2017 Book of Proceedings*. Lisboa: Universidade de Lisboa, pp. 744-756.

- 2017 **Trivic, Z.** (2017). "Multi-sensory Approach to Health-supportive and Ageing-friendly High-density Urban Environments". AESOP Annual Congress, 11–14 Jul 2017, Lisbon, Portugal. *AESOP 2017 Book of Proceedings*. Lisboa: Universidade de Lisboa, pp. 2056-2068.
- 2017 **Trivic, Z.,** Tan, B.K., Padawangi, R., Mascarenhas, N., & Duong, Q. (2017). "Impacts of Arts and Culture: Negotiating Neighbourhood Urban Spaces for Community Arts in Singapore". The 12th International Conference on The Arts in Society: Gestures That Matter, 14–16 Jun 2017, Paris.
- 2016 **Trivic, Z.** (2016). "Multi-Sensory Experience, Positive Distractions and Well-being: The Role of Consumption Spaces in Total Healing Environment Paradigm". The 13th International Conference on Urban Health (ICUH) - Place and Health, 1-4 Apr 2016, San Francisco, USA.
- 2012 **Trivic, Z.,** & Bozovic-Stamenovic, R. (2012). "Contemporary City: Healing Tool or Utopia?". In N. Gurrán, P. Phibbs & S. Thompson (Eds.), *UPE10 Next City: Planning For a New Energy & Climate Future*. Sydney: ICMS PTY LTD for the UPE10 Symposium, pp. 399-414.
- 2012 Cho, I.S., & **Trivic, Z.** (2012). "Urban Spaces in High-Density Context: Projecting Sustainable Urban Development?". In N. Gurrán, P. Phibbs & S. Thompson (Eds.), *UPE10 Next City: Planning For a New Energy & Climate Future*. Sydney: ICMS PTY LTD for the UPE10 Symposium, pp. 555-569.
- 2012 **Trivic, Z.,** & Cho, I.S. (2012) "Urban Space Design in High-Density Contexts: Planning Methods for Sustainable Futures". In M. Balamir, M. Ersoy & E. Babalik Sutcliffe (Eds.), *Aesop2012 EBook of Abstracts, 26th Annual Congress of the Association of European Schools of Planning* (Suppl. PDF: AESOP2012 Proceedings), 11-14 Jul 2012. Ankara: ARBER, pp. 2490-2509.
- 2009 **Trivic, Z.,** Bozovic-Stamenovic, R., & Hee, L. (2009) "The Role of Subjectivity and Seduction in Architectural Design: Multi-sensorial Aesthetic Experience in Contemporary Consumption Spaces". In *IASDR 2009: Proceedings of the International Association of Societies of Design Research Conference*, 18-22 Oct 2009, Seoul, Korea. Seoul: IASDR & Korea Society of Design Science.
- 2009 **Trivic, Z.,** Bozovic-Stamenovic, R., & Hee, L. (2009). "Towards Multi-Sensory Healing Environment: Learning from Seductive Design of Contemporary Consumption Spaces", 29th International Seminar of the UIA-PHG "New trends in health facilities", 2-6 Nov 2009, Buenos Aires.

Conference Poster Presentations

- 2021 Dillon, P., Gan, D.R.Y., **Trivic, Z.,** Ng, T.K.S., Rhodus, E.K., & Best, J.R. (2021). "Playfulness for Brain Health in Mid- & Late-Life: Scoping Review to Support Preventive Non-Pharmacological Interventions Across the Lifespan". 98th ACRM Annual Conference, Progress in Rehabilitation Research, 26-29 Sep 2021, USA. Poster/abstract [virtual]
- 2021 Dillon, P., **Trivic, Z.,** Ng, T.K.S., Rhodus, E.K., Best, J.R., & Gan, D.R.Y. (2021). "Playfulness for Brain Health in Community Settings: Preliminary Analysis from a Systematic Scoping Review to Support Non-Pharmacological Interventions". Alzheimer's Association International Conference (AAIC) Satellite Symposium, 12-13 May 2021. Poster/abstract [virtual]
- 2008 **Trivic, Z.,** Bozovic-Stamenovic, R., & Hee, L. (2008). "Seductive Architectural Design - Can Consumption Spaces Heal?", Questions & Hypotheses - DRNetwork Learning Conference, 25-26 Oct 2008, Berlin, Germany.

Magazine Articles & Interviews

- 2022 Gan, D.R.Y. & **Trivic, Z.** (2022). Ageing and Dementia-Friendly Urban Design. Interview article for *Dementia in Europe: The Alzheimer Europe Magazine*, 38(Feb 2022): 35-37. Luxembourg: Alzheimer Europe. URL: <https://www.alzheimer-europe.org/reports-publication/dementia-europe-magazine-issue-38>
- 2020 **Trivic, Z.** (2020). An Architectural Approach to the Kinesphere. Interview for *Spotlight*, Feb 03, 2020. Singapore: NUS Centre for The Arts, NUS. URL: <https://cfa.nus.edu.sg/spotlight/cfa/an-architectural-approach-to-the-kinesphere/#CCFeb20>

PhD Thesis

- 2011 **Trivic, Z.** (2021). Total Healing Environment and Seduction in Contemporary Consumption Spaces. Department of Architecture, National University of Singapore. (*Supervisors: Dr Ruzica Bozovic Stamenovic & Dr Hee Limin*)

Research Reports, Guides & Policy Papers (unpublished)

- 2020 Tuncer, B., Holscher, C., Erath, A., Stouffs, R., **Trivic, Z.**, & Overy, P. (May 2020). "Pedestrian Comfort in High Pedestrian Activity Areas". SUTD, SEC, NUS & Agency. [report]
- 2020 Tuncer, B., **Trivic, Z.**, Stouffs, R., Mok, J.W., Lim, J., & Then, R. (Jun 2020). "Design Guide for Improving Pedestrian Comfort in Pathways". SUTD & NUS: for URA, Singapore. [guide]
- 2019 **Trivic, Z.**, with Zhang, Q. (Sep 2019). "Multi-Sensory Approach to Ageing-Friendly Design in High-Density Contexts", SDE, NUS. [report]
- 2018 **Trivic, Z.**, with Tan, B.K., Mascarenhas, N., Duong, Q., & Padawangi, R. (Apr 2018). "Arts and Culture Nodes in the Heartlands of Singapore: Exploring Spatial Opportunities and Impacts", CSAC, SDE, NUS for NAC, Singapore. [report]
- 2015 Cho. I.S., with **Trivic, Z.**, Lee, J., Mascarenhas, N.T., Nasution, I.K., Rahman, M., & Chenxi, C.Z. (2015). "Study on the Application of Design Recommendations to Foster Community Bonding", CSAC, SDE, NUS for HDB, Singapore. [report]
- 2014 Cho. I.S., & **Trivic, Z.** (Jul 2014). "Urban Space Planning for Sustainable High Density Environments – Executive summary". CSAC, SDE, NUS. URL: <https://www.ura.gov.sg/uol/-/media/User%20Defined/URA%20Online/urban-lab/explore-research/themes/urban-design/urban-space-planning-executive-summary.pdf?la=en>
- 2014 Cho. I.S., with Heng, C.K., **Trivic, Z.**, & Nasution, I.K. (March 2014). "Urban Space Planning for Sustainable High Density Environments". CSAC, SDE, NUS. [report]

C: TEACHING

Teaching Areas

- Urban Design and Urban Planning Theory
- Architectural Design Studio
- City and Senses (Multi-sensory Approach to Urbanism; Body, Space and Arts)
- M.Arch Thesis, MAUD Dissertation and MUP Dissertation

C1: Modules Developed & Taught (Selected)

Graduate Modules

AY20/21; CITY & SENSES: Multi-sensory Approach to Urbanism

AY17/18 - * Elective module newly developed and offered to graduate architecture (M.Arch), urban design (MAUD), and urban planning (MUP) students (Years 4 & 5) focusing on health-supportive and ageing friendly design. This module served as a platform for design-by-research, whereby students contributed to a pilot study for research project: "Multi-Sensory Approach to Ageing-friendly Design in High-Density". Two teams of students published articles in peer-reviewed *Journal of Urban Design and Mental Health (UD/MH)*, based on work produced in this module.

* *Class size:* 20-30

AY19/20 BODY, SPACE & ARTS: Multi-sensory Approach to Urban Design

* Elective module, a variation of CITY & SENSES, offered to graduate architecture (M.Arch) and urban design (MAUD) students (Years 4 & 5) focusing on creative placemaking. This module served as a platform for teaching collaboration with NUS Centre For the Arts (CFA) and NUS Dance Synergy on interactive augmented-reality-inspired site-specific performance "Where We Nest" for NUS Arts Festival 2020.

* *Class size:* 15 architecture & dance students

AY20/21; M.Arch THESIS

AY14/15 - * The core design module of Master of Architecture (M.Arch) programme. Students under my supervision won 'Non Architecture' International Design Competition 2019 and featured in *The Singapore Architect Magazine* (2015).

* *Class size:* 2-4

AY16/17 - M.Arch, MAUD & MUP DISSERTATION

present * The core module of Master of Architecture (M.Arch), Master of Arts in Urban Design (MAUD) & Master of Urban Planning (MUP) programmes.

* *Class size:* 2-6

Undergraduate Modules

AY17/18 - AR3223 INTRODUCTION TO URBANISM

present * The core module for Year 3 of Bachelor of Architecture (B.Arch) programme, Sem 1. Together with Dr

Junko Tamura, I developed new curriculum for this module to replace AR2223 and integrate with AR3101 Design 5 architectural studio (which I coordinated since AY20/21). Since AY19/20, I conducted lectures and tutorials independently. Student projects were exhibited virtually at the Singapore Archifest 2020.

* *Class size:* 95-149 (lectures); 21-27 (in-person tutorials); 95 (online tutorials)

AY17/18 - **AR3101 DESIGN 5**

present * The core architectural design studio module for Year 3 of Bachelor of Architecture (B.Arch) programme, Sem 2, focusing on Density, Urbanism and Publicness, and integrated with AR3223. I also served as the Year Leader from AY20/21. Students from my studio won 2nd and 3rd prize at the Asia Young Designer Award (AYDA) competition 2018 and 2019 and were shortlisted finalists of the Asian Contest of Architectural Rookie's Award (ACARA) 2022.

* *Class size:* 9-10 (Year cohort: 113-147)

C2: PhD Students Supervised

As Main Supervisor:

- 2022- Li Jingyi (NUS, PhD Scholarship)
Thesis Topic: TBC (Blue-Green Infrastructure and Well-being)
- 2020- Nirit Ellenbogen Rivka (NUS)
Thesis Topic: Place Attachment among Singapore Public Housing Communities at Displacement
- 2019- Jie Zhang (NUS, Co-Supervisor: A/P Rudi Stouffs)
Thesis Topic: Understanding and Predicting Sensory Perceptions and Street Ambiance of Urban Streets: Natural Language Processing (NLP) Approach to Sensory Experience

As Co-Supervisor:

- 2018- Xue Xuan (NUS; Supervisor: Prof Ho Puay Peng)
2022 *Thesis Topic:* Cultural Rhizome: Living Theatrical Approach to Creative Placemaking

Supervision of Visiting Scholars:

- 2019- Ting Duan (China Scholarship Council – CSC Visiting Scholar; PhD candidate at the School of
2020 Architecture, Tianjin University, Tianjin; with Assoc Prof Ye Zhang)
Thesis Topic: Urban Design of Regional Rail Transit Hub Stations

C3: Thesis Committee Participation

PhD NUS:

- 2022 Nabanita Islam (NUS, Supervisor: A/P Zhang Ye; Co-Supervisor: A/P Fu Yuming)
Thesis Topic: A Study of Space and Location of Trade as Livelihood Strategy of Street Trading in Dhaka
- 2020 Lavanya Jothi Venkatachalam (NUS, Supervisor: A/P Cho Im Sik)
Thesis Topic: Publicness at the Edge: Planned public spaces in neoliberal Chennai
- 2018 Bhuyan Md Rashed (NUS, Supervisor: A/P Zhang Ye; Co-Supervisor: A/P Cho Im Sik)
Thesis Topic: Children's Play and Its Relationship with Urban Physical Environments in Dhaka
- 2018 Sonja Berthold (NUS, Supervisor: A/P Johannes Widodo)
Thesis Topic: Urban Choreographies – How Catalyst change Bangkok's Neighbourhoods

External Master Thesis:

- 2020 Martina Dreßelt (Urban Future Programme, Fachhochschule Potsdam, Germany; Supervisor: Prof Michael Prytula)
Thesis Topic: Inside Sheltered Walkways - Deriving the Urban Futures: A Transformative Research Study on Human Mobility and Spatial Perception in Singapore's Public Housing Estates

D: SERVICE

D1: Module Coordination / Leadership

- 2022- **Programme Director:** Master of Urban Planning (since May 2023)
- 2020- **Year Leader:** AR3101 Design 5 (2021/22-2022/23)
Year Co-Leader (2020/21) [with A/P Thomas Kong]
- 2016- **Deputy Coordinator:**
19 AR3101 Design 5 (2017/18-2019/20) [Year Leader: A/P Tsuto Sakamoto]
AR1101 Design 1 & AR1102 Design 2 (2016/17) [Year Leader: Tomohisa Miyauchi]

D2: Academic Service

Peer Reviewer

Peer Reviewer for International Refereed Journals

- 2019- • *Aging & Mental Health; Architecture and Culture; Community Development: Journal of the Community Development Society; Cultural Trends; Journal of Aging and Environment* (Taylor & Francis)
- *Cities; Progress in Planning* (Elsevier)
 - *Built Environment* (Alexandrine Press)
 - *Urban Design International* (Palgrave)
 - *Open House International* (Emerald Publishing)
 - *Architecture; Buildings; International Journal of Environmental Research and Public Health; ISPRS International Journal of Geo-Information; Sustainability; Urban Science* (MDPI)

Peer Reviewer for Book Proposals/Manuscripts

- 2018 • Routledge, Taylor and Francis Asia Pacific

Peer Reviewer for University Rankings and International Research Proposals

- 2023 • QS Global Academic Reviewer for Manchester School of Architecture, University of Manchester, UK
- 2015 • The National Research, Development and Innovation Office (NKFIH), Budapest, Hungary

Scientific Committee Member & Session Chair for International Conferences

- 2022 • Session Chair & Discussion Panel Convenor: AMPS Representing Pasts – Visioning Futures (1-3 Dec 2022), Queen’s University Belfast, Northern Ireland; Cape Peninsula University of Technology, South Africa; & NUS, Singapore [virtual]
- 2021 • Session Chair: IWP (Institute of Water Policy) Online Seminar (1 Jun 2021), Lee Kuan Yew School of Public Policy, NUS [virtual]
- 2017-19 • Scientific Committee Member: The Annual International Conference on Architecture and Civil Engineering (ACE), Singapore
- 2019 • Review Committee Member: The Asian Conference on Aging & Gerontology (AGen), Tokyo, Japan
- 2018 • Senior Reviewer & Session Chair: AGen, Kobe, Japan
- 2018 • Scientific Committee Member: International Research Conference (IRC) Series - Architectural and Environmental Engineering
- 2008; 2018 • Scientific Committee Member & Session Moderator: Great Asian Streets Symposium (GASS), NUS, Singapore (& Pacific Rim Community Design Network 2018)
- 2010 • Scientific Committee Member: International Conference on Kansei Engineering and Emotion Research (KEER), Paris, France

Design Competition Juror

- 2022 • 11th Asian Contest of Architectural Rookie’s Award – ACARA 2022 “Architecture after COVID-19”, international student design competition, King Mongkut’s Institute of Technology Ladkrabang, Thailand [virtual]
- 2022 • Scanteak Design Competition 2022 “Feels at Home”, Scanteak & Kyoob Architects

D3: Professional Service, Research Consultancy/Advisory & Membership

- 2022- • **Team Member:** EQUIGENESIS UrbanLab, Gerontology Research Centre, Simon Fraser University, Vancouver, Canada. URL: <https://www.equigenesis.ca/team>
- 2018-19 • **WELL Community Concept Advisory Board Member:** The International WELL Building Institute - IWBI, New York, USA.
- 2014-15 • **Research Consultant:** “Benchmarking Study and Establishment of Guidelines for Underground Space Planning & Development in Singapore”; *Funding:* Urban Redevelopment Authority (URA) Singapore; ARUP, Singapore [with Dr Malone-Lee L.C.]
- 2007-08 • **Research Consultant:** Posters in Hospital Environments; *Funding:* Singapore General Hospital (SGH), Singapore [with Dr Ruzica Bozovic-Stamenovic]
- 2009- • **Guest Member:** UIA-PHG (Public Health Group)

D4: Academic Events (Conferences, Seminars & Workshops) Organised

- 2022 Organising Committee Member, Panel Moderator & Session Chair: “Representing Pasts-Visioning Futures” Virtual Conference (1-3 Dec 2022). Co-organised by Queen’s University Belfast, Cape Peninsula University of Technology & NUS.
- 2020 Organising Committee & Design Competition Judging Panel Member: “The Stage: CFA Makeover Project” (22-29 Feb 2020), SDE & CFA, NUS, Singapore
- 2019 Organiser, Convenor & Speaker: “Body, Space and Arts” workshop (7-8 Aug 2019), DOA, SDE, NUS; collaboration with NUS Centre For the Arts (CFA), Anja Humljan, Slovenia (workshop day 2 convenor) & Dr Kamalini Ramdas, NUS (guest lecture); NUS Museum
- 2018 Organising Committee Member & Speaker: “Mind and Future Workspaces – Design Charrette & Workshop 2018” (26 Feb – 2 Mar 2018), SDE & NMSC (NUS Mind-Science Centre), NUS, Singapore
- 2018 Organiser, Convenor & Speaker: “City & Senses” workshops (26-27 Jan 2018; & 9-10 Mar 2018), SDE, NUS
- 2016- Organising Committee Member: “Designing Resilience in Asia Competition and Symposium 2018 (DRIA)” (27-29 Jun 2016; 16-18 Aug 2017; & 15-17 Aug 2018), NUS, Singapore
- 2008; Organising & Scientific Committee Member: “GASS - Great Asian Streets Symposium” (5-7 Dec 2008; 12-13 Dec 2016), NUS, Singapore
- 2013 Co-organiser & Facilitator: “TUSA (Tool of Urban Space Assessment) Workshop” (2 Feb 2013), with URA, HDB and NParks, SDE, NUS

D5: Appearance in Media

- 2018 Interview for Channel NewsAsia (04 Sep 2018). “HDB Introduces Town Design Guides Aimed at Fostering Residents' 'Sense of Belonging’”. URL: https://www.youtube.com/watch?v=xL1MfMXQt1w&ab_channel=PauldeLeon
- 2017 Interview for Channel NewsAsia (23 Dec 2017). “Will Jurong Lake District live up to the hype?”. URL: <http://www.channelnewsasia.com/news/videos/will-jurong-lake-district-live-up-to-the-hype-9522972>