

## Research Publications

January – June 2017

### Book Chapter

1. **Worrall JD.** The Passion of Shigeru Ban. *The Inventive Work of Shigeru Ban*. Editors: Sherman G. 27-37. Sherman Contemporary Art Foundation, 2017.

### Journal Articles

1. **Baker, E** and Lester, L (2017) Multiple housing problems: A view through the housing niche lens, *Cities*, Volume 62: 146-151, ISSN 0264-2751, <http://dx.doi.org/10.1016/j.cities.2016.10.001>.
2. **Baker, E.**, Beer, A., Lester, L., Pevalin, D., Whitehead, C., & Bentley, R. (2017). Is housing a health insult? *International Journal of Environmental Research and Public Health*, 14(6): 567. doi:10.3390/ijerph14060567.
3. Balston J, Iankov I, **Kellett J**, Li S Wells G (2017) Quantifying the Financial Impact of Climate Change on Australian Local Government Roads, *Infrastructures* 2(1):2-1-2-16
4. **Bennetts, H., Soebarto, V.**, Oakley, S., Babie, P (2017). Feeling safe and comfortable in the urban environment, *Journal of Urbanism: International Research on Placemaking and Urban Sustainability*. April, 1-21. <http://dx.doi.org/10.1080/17549175.2017.1310746>
5. Boven, T., Ariga, T., & **Worrall, J. D.** (2017). Culture-led Reuse of Former Elementary Schools: A Survey of Echigo-Tsumari Art Triennial's Involvement in Tokamachi, Japan. *Journal of Asian Architecture and Building Engineering*, 16(1), 61-66. doi:[10.3130/jaabe.16.61](https://doi.org/10.3130/jaabe.16.61)
6. **Chang, R., Zuo, J., Soebarto, V., Zhao, Z, Zillante, G.,** Gan, X. 2017. Approaches for Transitions Towards Sustainable Development: Status Quo and Challenges. *Sustainable Development*, DOI: 10.1002/sd.1661
7. **Chang, R., Zuo, J., Soebarto, V., Zhao, Z, Zillante, G.** 2017. Evolving theories of sustainability and firms: history, future directions and implications for renewable energy research, *Renewable & Sustainable Energy Reviews* 72: 48–56
8. **Chang, R., Zuo, J., Zhao, Z., Zillante, G.,** Gan, X., & **Soebarto, V. I.** (2017). Evolving theories of sustainability and firms: history, future directions and implications for renewable energy research. *Renewable and Sustainable Energy Reviews*, 72, 48-56. doi:[10.1016/j.rser.2017.01.029](https://doi.org/10.1016/j.rser.2017.01.029)
9. **Daniel, L., Williamson, T., & Soebarto, V.** (2017). Comfort-based performance assessment methodology for low energy residential buildings in Australia. *Building and Environment*, 111: 169-179. doi:[10.1016/j.buildenv.2016.10.023](https://doi.org/10.1016/j.buildenv.2016.10.023)
10. Hamilton C and **Kellett J** (2017) Cost Comparison of Infrastructure on Greenfield and Infill Sites, *Urban Policy and Research*. January, 1-13. <http://dx.doi.org/10.1080/08111146.2016.1274257>
11. Mao, G., Wang, S., Teng, Q., **Zuo, J.**, Tan, X., Wang, H., & Liu, Z. (2017). The sustainable future of hydropower: A critical analysis of cooling units via the Theory of Inventive Problem Solving and Life Cycle Assessment methods. *Journal of Cleaner Production*, 142, 2446-2453. doi:[10.1016/j.jclepro.2016.11.031](https://doi.org/10.1016/j.jclepro.2016.11.031)
12. Shari, Z., **Soebarto, V.** (2017). Development of an Office Building Sustainability Assessment Framework for Malaysia. *Journal of Social Sciences and Humanities*. Accepted for publication 8 June.

13. Tian, W., Yang, S., **Zuo, J.**, Li, Z. Y., & Liu, Y. L. (2017). Relationship between built form and energy performance of office buildings in a severe cold Chinese region. *Building Simulation*, 10(1), 11-24. doi:[10.1007/s12273-016-0314-3](https://doi.org/10.1007/s12273-016-0314-3)
14. van Hoof, Schellen, L., **Soebarto, V.**, Wong, JKW, Kazak, JK (2017). Ten questions concerning thermal comfort and ageing. *Building and Environment* 120: 123-133.
15. Wang, L., Zhao, L., Mao, G., **Zuo, J.**, & Du, H. (2017). Way to accomplish low carbon development transformation: A bibliometric analysis during 1995–2014. *Renewable and Sustainable Energy Reviews*, 68, 57-69. doi:[10.1016/j.rser.2016.08.021](https://doi.org/10.1016/j.rser.2016.08.021)
16. **Worrall JD.** House in Hamilton. *Architecture Australia* 106(2):78-84 Mar 2017 (Journal article)
17. Wu, G., Duan, K., **Zuo, J.**, Zhao, X., & Tang, D. (2017). Integrated sustainability assessment of public rental housing community based on a hybrid method of AHP-entropyweight and cloud model. *Sustainability* 9(4): 603. doi:10.3390/su9040603.
18. Yuan, X., Zhang, M., Wang, Q., Wang, Y., & **Zuo, J.** (2017). Evolution analysis of environmental standards: Effectiveness on air pollutant emissions reduction. *Journal of Cleaner Production*, 149, 511-520. doi:10.1016/j.jclepro.2017.02.127.
19. **Zhao, Z.**, Yang, H., & Zuo, J. (2017). Evolution of international trade for photovoltaic cells: A spatial structure study. *Energy*, 124, 435-446. doi:[10.1016/j.energy.2017.02.093](https://doi.org/10.1016/j.energy.2017.02.093).
20. Zheng, L., **Wu, H.**, Zhang, H., Duan, H., Wang, J., Jiang, W., . . . **Zuo, J.**, Song, Q. (2017). Characterizing the generation and flows of construction and demolition waste in China. *Construction and Building Materials*, 136, 405-413. doi:[10.1016/j.conbuildmat.2017.01.055](https://doi.org/10.1016/j.conbuildmat.2017.01.055).

### Refereed Conference Papers

1. Hopfe, C J, **Soebarto, V.**, Crawley, D, Rawal, R. Understanding The Differences Of Integrating Building Performance Simulation in The Architectural Education System. Accepted for *Building Simulation 2017, the 15<sup>th</sup> International Conference of the International Building Performance Simulation Association*. San Francisco, August 7-9.
2. **Morley, D., Soebarto, V. (2017)** Investigating The Use Of Earth Tubes For Passive Cooling And Heating Through Thermal Modelling. Accepted for *Building Simulation 2017, the 15<sup>th</sup> International Conference of the International Building Performance Simulation Association*. San Francisco, August 7-9.
3. **Palazzo, E.**, Bitar H. (2017). Integrated Landscape-Based Solutions for urban flash flooding, heat islands and water pollution mitigation in Adelaide, South Australia. *International conference on Landscape Futures*, Copenhagen, 19-12 June.
4. **Palazzo, E.**, & Wan, N. (2017). Regenerating urban areas through climate sensitive urban design. In *Acts of the International Conference on Architecture and Built Environment ICABE 2016, Sustainable Well-being in Architecture & Environmental Sciences*. Kuala Lumpur Malaysia.
5. **Soebarto, V., Williamson, T.**, Freney, M. (2017). Investigating the impact of earth tubes in an Earthship. Accepted for *Building Simulation 2017, Proceedings of the 15th International Conference of the International Building Performance Simulation Association*. San Francisco, August 7-9.

### **Report to External Organisation**

1. Bardsley D.K., **Palazzo E.**, Wiseman N.D. and Stringer R. (2017) *The Roles of Agricultural Biodiversity in the McLaren Vale Landscape*. DEWNR Technical report 2017/01. Government of South Australia, Department of Environment, Water and Natural Resources, Adelaide. ISBN 978-1-925510-59-1  
<https://data.environment.sa.gov.au/Content/Publications/DEWNR-TR-2017-01.pdf>

### **Other Articles**

1. **Worrall JD.** 'Tokyo: A Biography': Tracing the life of a city The Japan Times 22-22 26 Mar 2017
2. **Worrall, J. D.** (2017). Of Mountains and Water. *Icon*, (168), 106-113. Retrieved from <https://www.iconeye.com/opinion/comment/item/12688-icon-168-mad-architects-end-of-work-ryue-nishizawa-italian-new-wave>.
3. **Worrall, J. D.** (2017). Archaeology of the Smart City (No. Of Pieces: 22 A1 full-colour panels (H840mmxW597mm)) [Exhibition]. Adelaide.