

論文審査の要旨
Summary of Dissertation Review

博士の専攻分野の名称 Degree	博 士 (学 術)	氏名 Author	SETYO NUGROHO
学位授与の要件	学位規則第4条第①・2項該当		
論 文 題 目 Title of Dissertation			
Sense of Place in Culturally Vulnerable Areas: Case Studies of Asian Towns			
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〔論文審査の要旨〕 Summary of Dissertation Review			
<p>The globalization of towns and cities worldwide has urged planners, designers, and governments to protect the local value, pay attention to the physical elements which provide uniqueness, and use them to support people's mental health or psychological well-being. For the reasons mentioned above, an urgent study on the exploration of sense of place (SOP) in culturally vulnerable areas, such as disadvantaged places, is important, especially in exploring the applicable methodology to collect people's experiences, examining the relationship between SOP and other variables such as satisfaction, and analyzing the shared physical elements among people. This study's main objective is to comprehensively explore the sense of place in different case studies of culturally vulnerable areas: first, to explore and collect people's experiences through walking experiences; second, to explore a sense of place to develop attractiveness and to influence people's intention to stay; and third, to reveal people's perceptions about the image of the place. In this study, the research questions are as follows: [1] How can urban design qualities and individual reactions describe the sense of place through real-time walking experience?, [2] How do participants' responses contribute to urban design policy?, [3] In border towns, what attributes reflect residents' sense of place?, [4] What should be considered to improve residents' sense of place in border towns?, [5] In border towns, what attributes reflect residents' sense of place?, [6] How are SWOT and SOP influencing residents' intentions through Place satisfaction?, [7] What objects which had a strong impression for the residents that can reflect the place identity? (for Taoyaka Onsite Team Project).</p> <p>The dissertation consists of eight chapters: (1) "Introduction", (2) "Literature review", (3) "Methodology", (4) "Measuring sense of place using urban design qualities", (5) "residents' place attachment in the Greater Mekong Subregion's border towns", (6) "the association between sense of place and swots to increase residents' intention to stay in the Greater Mekong Subregion's border towns", (7) residents' sense of place to reveal the place identity, a case of Mitarai, Japan (Taoyaka onsite team project)", and (8) "Conclusions and recommendations".</p> <p>Theoretical contribution: This study formulates a research framework for a sense of place in culturally vulnerable place to increase the intention to revisit and stay longer. The theoretical contribution is mainly in Chapters 5 and 6, which discuss the border towns in developing countries. First, it is found that visibility and interaction influence the development of a sense of familiarity. Second, people's negative and positive feelings are associated with geographical distances.</p>			

Methodological contribution: A combination and application of quantitative and qualitative approaches to draw broad conclusions regarding how a sense of place affects people's intentions. In addition, the contribution related to the appropriateness of utilizing theoretical concepts from different contexts may help future studies on a sense of place.

Practical contribution: The study highlights the importance of understanding people's feelings, experiences, and values in creating livable neighborhoods or towns. These findings can potentially be used by designers, planners, and government officials. The study also provides strategies, suggestions, and recommendations to improve the neighborhood or town from culturally vulnerable place, which different stakeholders can implement.

The applicant already published the following peer-reviewed papers. Among the published papers, there are two first-authored papers, and one papers in a journal with an impact factor (web of science).

Peer-reviewed journal papers

- **Nugroho, S.,** Zhang, J. (2022). Exploring Young People's Sense of Place by Using Urban Design Qualities. *Sustainability*, 14(1): 472, <https://doi.org/10.3390/su14010472>. (**IF=3.889; Date of publication: January 2, 2022**). (Chapter 4)
- **Nugroho, S.,** Zhang, J. (2023). Residents' Sense of Place in Rapidly Changing Border Towns of the Greater Mekong Subregion: Case Studies of Savannakhet, Laos and Myawaddy, Myanmar. *Journal of Urbanism: International Research on Placemaking and Urban Sustainability*. Passed the 1st round review (major revision) **Date of re-submission for review: December 30, 2022**. (Chapter 5)
- **Nugroho, S.,** Zhang, J., Zhang, L. Association of sense of place and SWOT factors through place satisfaction with long-term residential intention in border towns of the Greater Mekong Subregion. *Habitat International* (**IF=5.205**) (**Date of submission: February 6, 2023**). (Part of Chapter 6)
- **Nugroho, S.,** Rizqiyah, F., Bararatin, K., Mahendra, A. S., Kharismawan, R., and Soemardiono, B. (2021). Making use of google-street-view for urban observation during COVID-19 pandemic (in Bahasa Indonesia: Pemanfaatan Google-Street-View untuk Observasi Kota di tengah Pandemi Covid-19). *ATRIUM Jurnal Arsitektur*, 7(2), 1-12. <https://doi.org/10.21460/atrium.v7i1.111>. (**Date of publication: May 30, 2021**) (Part of Chapters 2 and 3)
- Soemardiono, B., Rachmawati, M., Ardianta, D. A., **Nugroho, S.** (2019). Spatial analysis of the urban dense area in developing criteria design based on people participation: Case study of Kembang Jepun, Surabaya. *Geographia Technica*, 14 (Special Issue), 13-21. https://doi.org/10.21163/GT_2019.141.14 (**Indexed by Clarivate Analytics, Scopus**) (**Date of publication: March 2, 2019**) (Part of Chapters 2 and 3)

Presentations at international conferences

- **Nugroho, S.,** Zhang, J. (2020). Measuring the Individual Perception of Culturally Vulnerable Historical District in Surabaya, Indonesia. *Architecture Media Politics Society International Conference* (peer-review), Department of Interior Architecture and Design, Florida State University. 15-17 January 2020. (Part of Chapter 4). (**peer-reviewed**)
- **Nugroho, S.** (2021). Mitarai in the eyes of residents: revealing residents' sense of place through architectural identity. *Southeast Asia and Japan: Bonds and Connections towards 20307th Biennial International e-Conference of the Japanese Studies Association for Southeast Asia*. 15 – 17 December 2021. (Part of Chapter 7).
- Mahendra, A. S., Bararatin, K., **Nugroho, S.,** Kharismawan, R., & Suryawan, W. A. (2021). Intervention on pedestrian paths on high risk object in the City of Surabaya during the Covid-19 pandemic. *IOP Conference Series: Earth and Environmental Science*, 1015, 012009, IOP Publishing. <https://doi.org/10.1088/1755-1315/1015/1/012009> (Part of Chapter 2). (**peer-reviewed**)

With the above evidence, the members of the committee found that this dissertation is of sufficient to award the applicant the degree of "Doctor of Philosophy".