



INSTRUCTOR

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EXPERTISE

- Air Quality (PM2.5)
- Sustainable Technology Integration
- Circular Economy
- Innovative Business Values

EDUCATION

ค.ศ. 2017 | Ph.D.

Architecture & Built Environment, The University of Nottingham, UK

ค.ศ. 2007 | M.Arch.

Architecture, Thammasat University, Thailand

ค.ศ. 2005 | B.Sc.

Architecture, Thammasat University, Thailand

PUBLICATIONS: JOURNAL ARTICLES

- Gesawahong, S., Wongwatcharapaiboon, J. & Muangnapoh, K. (2021) . Identifying Key Implication Factors to Influence The Approach and Promotion of The Sustainable Furniture-Sharing Platform in The Circular Economy in Bangkok, Thailand. *Future Cities and Environment*, 7(1), 11.
- Wongwatcharapaiboon, J, & Riffat, S.B. (2021) . Technical Approaches of PM2.5 Control for Spatial Design in Thailand. *International Journal of Building, Urban, Interior and Landscape Technology (BUILT)*, 17(2021), 7-16.
- Wongwatcharapaiboon, J. (2020). Review Article: Toward Future Particulate Matter Situations in Thailand from Supporting Policy, Network and Economy. *Future Cities and Environment*, 6(1), 1-10.



PUBLICATIONS: JOURNAL ARTICLES (CONT.)

- Wongwatcharapaiboon, J., Gan, G. & Riffat, S.B. (2019). A New Air PM2.5 Filtrative Lamp with A Combination of Fabric Filter and Tio2 Coating Mop. *International Journal of Low-Carbon Technologies*, (2019), 1-6. <https://doi.org/10.1093/ijlct/Ctz027>
- จิฐิพร วงศ์วัชรโพนุสย์, อรรจน์ เศรษฐบุตร, เฉลิมวัฒน์ ดันตสวัสดิ์, ดารณี จารีมิตร และสุดากรณ์ ฉิ่งคู่. (2552). ศักยภาพการระบายอากาศของปล่องแสงอาทิตย์ในประเทศไทย. *วารสารวิจัยพลังงาน*, 6(1), 92-105.



PUBLICATIONS: CONFERENCE PROCEEDINGS

- Kunkhett, S., Jamieson, I.A., Wongwatcharapaiboon, J. & Mongkol, K. (2021). A Study of Sustainability for The Wedding Industry in Bangkok, Thailand. In Proceedings of the *12Th Built Environment Research Associates Conference: BERAC 12* (pp. 990-997). June 28, 2021, Pathum Thani: Thammasat University.
- Teang, L., Wongwatcharapaiboon, J. & Irvine, K. (2021). Modelling The Impact of Water Sensitive Urban Design on Pluvial Flood Management in A Tropical Climate. In Proceedings of the *12Th Built Environment Research Associates Conference: BERAC 12* (pp. 350-359). June 28, 2021, Pathum Thani: Thammasat University.
- Imyen, K., Wongwatcharapaiboon, J., Thienthaworn, A., Irvine, K. & Sim, V. (2021). Storytelling Strategy for Value-Added Approaches to Enhance Self-Service Water Kiosk Demand in Urban Thailand. In Proceedings of the *12Th Built Environment Research Associates Conference: BERAC 12* (pp. 980-989). June 28, 2021, Pathum Thani: Thammasat University.
- Thanyamahasunthon, J. & Wongwatcharapaiboon, J. (2021). The Strategic Analysis to Enhance Secondhand Luxury Customers' Purchasing Experience on The Online Platforms. In Proceedings of the *12Th Built Environment Research Associates Conference: BERAC 12* (pp. 911-920). June 28, 2021, Pathum Thani: Thammasat University.
- Klancomsorn, Y., Grøn, N., Wongwatcharapaiboon, J. & Suwiwatsanti, J. (2020). A Business Model Guideline to Decrease Disparity of The Music Artists And explore The Possibility to Purchase Artists's Product by Music Listener in Thailand. In Proceedings of the *11Th Built Environment Research Associates Conference: BERAC 11* (pp. 603-608). June 25, 2020, Pathum Thani: Thammasat University.
- Manoopun, M. & Wongwatcharapaiboon, J. (2020). A Design Strategy for Changing Attendee Behavior to Reduce Single-Use Plastics at Edm Festivals in Thailand. In Proceedings of the *11Th Built Environment Research Associates Conference: BERAC 11* (pp. 717-721). June 25, 2020, Pathum Thani: Thammasat University.





PUBLICATIONS: CONFERENCE PROCEEDINGS (CONT.)

- Thanawarananta, T., Grøn, N., Chotiratanapinun, T. & Wongwatcharapaiboon, J. (2020). A Study of Plastic Waste Reduction Related to Design Amenity Product for The In-Flight Services in Thailand. In Proceedings of the *11Th Built Environment Research Associates Conference: BERAC 11* (pp. 685-690). June 25, 2020, Pathum Thani: Thammasat University.
- Nimcharoenchaikul, S. & Wongwatcharapaiboon, J. (2020). Design Digital Platform for Green Construction Material Selection. In Proceedings of the *11Th Built Environment Research Associates Conference: BERAC 11* (pp. 618-624). June 25, 2020, Pathum Thani: Thammasat University.
- Rungyuttapakorn, C. & Wongwatcharapaiboon, J. (2020). Eco-Design Product Development for Alternative Dishwashing Detergent. In Proceedings of the *11Th Built Environment Research Associates Conference: BERAC 11* (pp. 8-16). June 25, 2020, Pathum Thani: Thammasat University.
- Gesawahong, S. & Wongwatcharapaiboon, J. (2020). Platform Design to Promote The Sustainable Material-Sharing in Circular Economy in Bangkok, Thailand. In Proceedings of the *11Th Built Environment Research Associates Conference: BERAC 11* (pp. 685-633). June 25, 2020, Pathum Thani: Thammasat University.
- Sisang, K., Jamieson, I., Wongwatcharapaiboon J. & Chulerk, R. (2020). Sati (Smarter Agriculture Thai Initiative): A Smarter Organic Farming Model for Thai Farmers. In Proceedings of the *11Th Built Environment Research Associates Conference: BERAC 11* (pp. 17-26). June 25, 2020, Pathum Thani: Thammasat University.
- Wongwatcharapaiboon, J. (2020). Circular Economy: Case Studies in Upcycled Industrial Waste Glass in Thailand. In Proceedings of the *The 6Th International Conference on Green Asia And Sustainability Forum: Bcg in Action; The New Sustainable Growth Engine Bio-Circular-Green Economy*, 2020: 14-24.
- Manawat, P. & Wongwatcharapaiboon, J. (2019). A Study Physical Factors Related to Accidents in Edm Festivals in Bangkok Metropolitan Region. In Proceedings of the *10 Th Built Environment Research Associates Conference: BERAC 10* (pp. 232-237). June 25, 2019, Pathum Thani: Thammasat University.
- Hongsrichinda, V., Wongwatcharapaiboon, J., Klinmalai, S. & Thossilaporn, P. (2019). A Study to Determine The Factors That Contribute to The Success of Online Platforms for Thai Silver Jewelry Companies. In Proceedings of the *10 Th Built Environment Research Associates Conference: BERAC 10* (pp. 245-253). June 25, 2019, Pathum Thani: Thammasat University.



PUBLICATIONS: CONFERENCE PROCEEDINGS (CONT.)

- Chulerk, P., Wongwatacharapaiboon, P., Jamieson, I.A. & Thossilaporn, P. (2019). An Effective Brand Strategy Guideline to Increase Possibility of Purchasing Diamond Jewelry by Middle Class Buyers in Bangkok (Case Study In The Old Siam Shopping Plaza). In Proceedings of the *10Th Built Environment Research Associates Conference: BERAC 10* (pp. 283-290). June 25, 2019, Pathum Thani: Thammasat University.
- Okum, N., Klinmalai, S., Wongwatcharapaiboon, J., Sawangjaroen, C. & Phoolcharoen, W. (2019). Factors Affecting The Decision to Buy An Online Clean Food. In Proceedings of the *10Th Built Environment Research Associates Conference: BERAC 10* (pp. 204-209). June 25, 2019, Pathum Thani: Thammasat University.
- Panvisavas, P., Riratanaphong, C. & Wongwatcharapaiboon, J. (2019). Factors Influencing Customer Purchasing Decisions in M-Commerce of Herbal Products in Bangkok. In Proceedings of the *10Th Built Environment Research Associates Conference: BERAC 10* (pp. 170-177). June 25, 2019, Pathum Thani: Thammasat University.
- Maneerattanakulchai, J., Natakun, B., Wongwatcharapaiboon, J., Sawangjaroen, C. & Thossilaporn, P. (2019). Gamification for Promoting Well-Being Retirement for “The First Jobber in Bangkok”. In Proceedings of the *10Th Built Environment Research Associates Conference: BERAC 10* (pp. 196-203). June 25, 2019, Pathum Thani: Thammasat University.
- Wongwatcharapaiboon, J. (2019). Interrelating Factors of Promoting and Learning Sustainability in University Classes at Thammasat University, Thailand. In Proceedings of the *10Th Built Environment Research Associates Conference: BERAC 10* (pp. 163-169). June 25, 2019, Pathum Thani: Thammasat University.
- Jianpinitnun, J., Wongwatcharapaiboon, J., Wankanapon, P. & Chindapol, S. (2019). Investigating Airport Service Quality Approaches. In Proceedings of the *10Th Built Environment Research Associates Conference: BERAC 10* (pp. 291-298). June 25, 2019, Pathum Thani: Thammasat University.
- Phongpipatkul, M. & Wongwatcharapaiboon, J. (2019). The Impact of Food Waste Initiatives on Urban Resilience, Well-Being and Inclusiveness. In Proceedings of the *10Th Built Environment Research Associates Conference: BERAC 10* (pp. 312-317). June 25, 2019, Pathum Thani: Thammasat University.
- Bantarawon, N. & Wongwatcharapaiboon, J. (2019). The Marketing Guideline in Food Delivery Business for Elderly in Bangkok. In Proceedings of the *10Th Built Environment Research Associates Conference: BERAC 10* (pp. 190-195). June 25, 2019, Pathum Thani: Thammasat University.



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- ศัลยลักษณ์ มุกด์ธนะอนันต์, ภูษิต เลิศวัฒนารักษ์, ทรงกลด จารุสมบัติ และจิฐิพร วงศ์วัชรโพธิ์พลย์. (2562). การพัฒนาสมบัติของแผ่นประกอบที่ผลิตจากเศษวัสดุเหลือใช้ทางการเกษตรที่ผสมเศษพลาสติกเพื่อการประยุกต์ใช้ในงานอาคารพักอาศัย (Development Of Composite Board Made From Agricultural Residues And Plastic Waste For Residential Building Applications). การประชุมวิชาการ Built Environment Research Associates Conference (BERAC) ครั้งที่ 10 (น. 463-469). 25 มิถุนายน 2562. ปทุมธานี: มหาวิทยาลัยธรรมศาสตร์.

