



MASRAN BIN SARUWONO (Dr)

Professor

Centre of Studies for Architecture
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Areas of research interest

Environment Behaviour, Housing, Design Management, Architectural Psychology

Personal Information

Prof Dr Masran Saruwono
Centre of Studies for Architecture,
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Universiti Teknologi MARA Cawangan Selangor
Kampus Puncak Alam

Academic Qualifications

- PhD in Architectural Studies, 2007, Sheffield University, United Kingdom
- Master of Philosophy, 1998, Sheffield University, United Kingdom
- Bachelor of Architecture, 1987, University of New South Wales, Australia
- Diploma in Architecture, 1983, Institut Teknologi MARA Shah Alam

Professional Membership

1. Pertubuhan Arkitek Malaysia (PAM), G858
2. Lembaga Arkitek Malaysia (LAM), AG/M116
3. Association of Malaysian Environment-Behaviour Researchers (AMER) 2010 - present
4. Asian Behavioural Researchers Association (ABRA) – 2010 – present
5. Lembaga Peradaban Melayu (ADAB) – 2012 - present

Teaching and Learning

1. PhD Supervision (AP990 & AP991)
2. Master by Research Supervision (AP780)
3. Master of Architecture (AP773: ARK801, ARK800, ARK850, ARK750)
4. Master in Integrated Construction Project Management (AP776: ICP853)
5. Bachelor of Science in Architecture (AP243: AAR650, AAR406)

Student Supervision

1. PhD and Masters as in April 2021 – completed PhD 4; MSc Research 1; PhD in progress 4
2. Master of Architecture – completed 6, in progress 2; MSc ICPM – completed 6, in progress 1
3. BSc in Architecture – more than 20+

Recent Publications

1. Nor Aniswati Awang Lah & Masran Saruwono. *Relevance of metaphysics on functional performance of commercial building designs*. SA Conference Proceeding: Industrial Revolution 4.0, e-ISBN:978-967-17985-0-8 1(01), 74-85, 2020
2. Nik Atilla A.S, Sharkawi C.D, & Masran Saruwono. *Wayfinding concepts and navigational performance in public environments*. International Journal of Interactive Media, 5(1), ISSN 2289-4098, e-ISSN 2289-4101, 2019
3. Ridzuan Yacob, Masran Saruwono & Zulhabri Ismail. *A review of leadership qualities among building refurbishment project managers*. International Journal of Engineering and Technology, 7 (4.22), 126-131, 2018
3. Rizuan Yacob, Masran Saruwono, Zulhabri Ismail & Low Shui Ping. *Influence of Human Factors on uncertainties of refurbishment projects*. Journal of Engineering, ISSN: 0128-0198 e-ISSN:2289-7526, 2018
4. Nor Aniswati Awang Lah & Masran Saruwono. *Analysing Functional Sustainability Performance of Commercial Premises using Metaphysical Approach and Standard Commercial Guidelines (SCG)*. Journal of Social Science and Humanities, 25 (S): 59 - 70 (2017)
5. Ridzuan Yacob, Ismail Rahmat, Masran Saruwono & Zulhabri Ismail. *Effects of Uncertainty Factors and Refurbishment Projects Performance in Relation to Leadership Quality of Project Managers*. Journal of Building Performance 8(1), 2017
6. Ridzuan Yacob, Masran Saruwono & Zulhabri Ismail. *Managing uncertainty from planning and design to construction process of building refurbishment projects: A proposed conceptual framework*. International Journal of Sustainable Construction Engineering and Technology, ISSN: 2180-3242 e-ISSN:2600-7959
7. Adel Noori, Masran Saruwono, Hamimah Adnan & Ismail Rahmat. *Conflict, Complexity and Uncertainty in Building Refurbishment Projects*. InCIEC 2015 - Third International Civil and Infrastructure Engineering Conference (InCIEC2015), Kuala Lumpur, 21-22 September 2015
8. Masran Saruwono & Nor Aniswati Awang Lah. *Metaphysics Relevancy in Contemporary Design*. Asian Journal of Quality of Life, 1(3), 29-38, 2016

Consultation & Expertise

1. PhD External Examiner – Universiti Teknologi Malaysia, Johor (5)
2. PhD External Examiner – Universiti Islam Antarabangsa Malaysia (1)

3. PhD Internal Examiner – Universiti Teknologi MARA Shah Alam (1)
4. MSc Research Ext Examiner – Universiti Teknologi Malaysia, Johor (2)
5. MSc Research Ext Examiner – Universiti Sains Islam Malaysia (1)
6. External Assessor Master of Architecture Programme – Universiti Islam Antarabangsa Malaysia (2019-2021)
7. External Assessor BSc in Architecture – Universiti Sains Islam Malaysia (2010 – 2020)
8. International Scientific Reviewer (ISC) – Journal of Environment-Behaviour Studies (2010-present)
9. Reviewer - International Technology Journal (IJTech-Universitas Indonesia)
10. Reviewer – Interiority (Universitas Indonesia)
11. Independent Jury Panel for Malaysia Property Award organised by FIABCI (2011 – 2017)
12. Member of 9-member Jury for Kuala Lumpur River of Life Project (2011)

Services & Administration

1. Dean, Faculty of Architecture, Planning & Surveying (Jan 2011 – Dec 2018)
2. Deputy Dean (Academic), Faculty of Architecture, Planning & Surveying (Jan 2008 – Dec 2010)
3. Chairperson, Corporate Image and Identity (JKIJK) UiTM (2009 – Apr 2021)
4. Permanent Member JKIKU (Academic Curriculum) UiTM (June 2019 – June 2021)
5. Member, Inspektorat Korporat UiTM (Jun 2019 – June 2021)

Work and Collaboration Experience

1. UiTM Corporate Office – Committee Chair of Corporate Image & Identity (2011 – 2021)
2. End-user representative for Kompleks Alam Bina & Seni Reka UiTM Project (PFI) – 2011 – 2016
3. Client representative for Proposed Kompleks Arshad Ayub at Section 3 Shah Alam

Awards & Recognitions

1. UiTM Excellence Service Award (2017, 2014, 2007)
2. UiTM Loyal Service Award

Research and Consultations

1. Fakulti Senibina, Perancangan & Ukur (2017-2019). National Housing Survey. Kementerian Perumahan & Kerajaan Tempatan. Contract Research Grant (RM2.87 mil)
2. Norhati Ibrahim (PI), Masran Saruwono, Nor Norhafiszah (2012 – 2014). Learning-Centered Physical Environment on Campus Ground. ERGS, MOHE – (RM50,000)
3. Masran Saruwono (PI) & Nik Mastura Nik Mohammad (2010-2012). Barrier-free access to mosque buildings and premises for the elderly. FRGS, MOHE – (RM35,000)
4. Masran Saruwono (PI) (2010 – 2012). Investigating renovation trends on Malaysian terraced houses, Research Management Institute, Universiti Teknologi MARA.(RM7,000.00)
5. Masran Saruwono (PI) & Mohamed Yusoff Abbas (2007-2009). Inclusive environment: Residential indoor and outdoor space in the Klang Valley – A pilot study, FRGS, MOHE – (RM20,000)

Courses (Subjects) taught

1. Design Process and Project Management (MSc ICPM)
2. Advanced Architectural Construction II (Master of Architecture)
3. Research Methodology and Methods (MSc ICPM)
4. Design Thesis (Final Year BArchitecture)
5. Design for Housing (BArchitecture)
6. Design for Highrise Buildings (MArchitecture)

7. Research Paper (BScArchitecture)
8. Topical Study (BScArchitecture)
9. Economics and Architecture (BScArchitecture)
10. Environmental Science and Services (BScArchitecture)
11. Construction Technology and Materials (BScArchitecture)
12. Dissertation (Final Year BScArchitecture)
13. Architectural Working Drawings (DipArchitecture)
14. Architectural Practice (DipArchitecture)
15. History of Architecture (DipArchitecture)
16. Building Construction and Services (DipArchitecture)
17. Architectural Design (DipArchitecture)
18. Draughtsmanship (DipArchitecture)

Recent CSRs

1. Extension of existing Surau Darul-Aman, Klang (2020 – present)
2. Proposed design of Tahfiz School, Kg Tok Muda Kapar, Klang (2020 – present)
3. Proposed design of Tahfiz School, Kedah (2021 – present)