

## **Asst. Prof. Dr. Shamzani Affendy Mohd. Din**

*Kulliyah of Architecture and Environmental Design*



### **Academic/Professional Qualification**

PhD Civil Eng.(Cardiff, UK), MEng. Civil & Env. Management (UTM),  
B.Eng.(Civil Eng.)(Hons.)(UTM)

### **Expertise**

Collection and characterisations of airborne particulates, environmental engineering & management

### **Research Interest**

Airborne particulates, indoor Air Quality (IAQ), sick building syndrome (SBS), environment materials analysis, and building pathology & risk assessment, and environmental tourism carrying capacity (ETCC).

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### **Profile**

Shamzani Affendy Mohd Din - Born in Perak, Malaysia on 14th July 1977. He graduated with Bachelor Degree of Engineering (Civil)(Hons.) and Master Degree Engineering in Civil-Environmental Management from Universiti Teknologi Malaysia in 1999 and 2001 respectively. He has served 10 years with Department of Building Technology and Engineering at Kulliyah of Architecture & Environmental Design, International Islamic University Malaysia since November 2001. Obtained his Ph.D in Civil Engineering from Cardiff School of Engineering, Cardiff University, UK on March 2007 and has been promoted to the post Assistant Professor in 2008. Specialising in collection and characterisations of airborne particulates; environmental engineering & management; indoor air quality (IAQ); environmental materials analysis; and also in environmental tourism carrying capacity (ETCC).

Previously he was seconded to Centre for Built Environment (CBE), one of IIUM strategic business unit (SBU) as Deputy Director from June 2007 – May 2011 (4 years) and been promoted as Director of CBE in June 2011 till June 2012. Currently, he has been appointed as academic advisor for 2 post graduate programme i.e. Master of Science in Building Services Engineering (MSBSE) and Master of Arts in Assets and Facilities Management (MSAFM). He also very actively involved in research, publications and supervising undergraduate and postgraduate students, as well as reviewing numbers of journal and conference papers in few refereed journal at national level. He also member of International Islamic Heritage and Sustainable Conservation (IIHSC) research cluster, a graduate member of Board of Engineer Malaysia (BEM) and member of International Society of Indoor Air Quality and Climate (ISIAQ). In 2011, he has been appointed as one of board of editorial for Journal of Planning, Construction and Management (JAPCM) and Journal of Universal Design in the Built Environment (JUDBE). He also has reviewed more than 50 journals and conference papers from National and International levels through his 15 years academician career with International Islamic University Malaysia. Recently, he had been appointed as Programme Coordinator for MasterClass Certificate in Professional Photography & New Media under IIUM Centre for Strategic Continuing Education & Training (CRESCENT IIUM), where he had been jointly developed together with DinArshad Academy.

In 2012 he has been appointed as one of group expert to review the National Ambient Air Quality Standard Malaysia (NAAQSM) by Department of Environmental (DOE), Ministry of Natural Resources and Environment Malaysia. On consultancy area, during his tenurship at CBE, he has been appointed as Project Management Consultant (PMC) for numerous IIUM new buildings and Interior Design (ID) for several renovation works with IIUM Development Division. He has also been appointed as Civil & Infrastructure consultant for Master Plan of Bako, Sarawak under the State of Sarawak, Economy Planning Unit (EPU) and also appointment as Design Advisor for DSA Development Sdn Bhd for a RM2Billion GDV Development at Bukit Tinggi, Pahang Darul Makmur in 2016. His latest appointment was as one of the Advisory Committee Member for Car Museum Project of IIUM under Endowment Trust Fund (ETF).

In research, he had completed 8 grants and in progress 10 grants ranges from Endowment Fund A, Endowment Fund B, RAGS, FRGS, and MIRGS amounting RM734,000 between year 2009 to 2017 respectively. Latest achievement was as one of co-researcher together under KAED Universal Design Unit (KUDU) by completing of 4 manuals & policy papers under Department of Social Welfare, Ministry of Woman, Family and Community Development i.e. i. Registry of Access Consultants, Access Auditors and Access Advisors; ii. Manual Access Audit; iii. Manual Disaster Emergency Preparedness for Person with Disabilities; and also Local Authority. On 20th December 2016 also, he had be awarded a Research Initiative Grant Scheme (RIGS) grant worth RM20,000 by Research Management Centre (RMC), IIUM with the title "The Characterisations of Airborne Particulates Soiling Defect Toward Museum Artefacts."

He has won 3 bronxe and 1 silver awards during the IIUM Research, Invention and Innovation Exhibition (IRIIE) in 2012 and 2013 respectively. He had also won award on Department Best Indexed Journal Articles during IIUM Research, Invention and Innovation Exhibition 2015 and Outstanding Contributor Journal Articles Indexed in Scopus & WOS during IIUM Celebrating Research Excellence and Achievement Month 2016 (CREAM 2016). Recently, he has been awarded the Long Service (15 Years) Award at IIUM Staff Appreciation Ceremony 2016.

In community services to IIUM, he has been representing the university in Mixed Tennis Team event during the Intersarsity Games and Sukan Badan Berkanun since the year 2002 until present. His highest achievement was winning the Best Sport Team Award during IIUM Quality Day 2016.

