

1st NATIONAL COLLOQUIUM ON WIND AND EARTHQUAKE ENGINEERING

13 & 14 JANUARY 2017, KUANTAN, MALAYSIA

No.	Paper ID	Title	Presenter
1	WD01	Evaluation of overhead transmission tower subjected to predominantly wind loading	Siti Aisyah Kamarudin Universiti Tenaga Nasional
2	WD02	Experimental optimization of heat-induced convective flows for updraft velocity improvement in tornado-type wind power generator	Dr. Eng. Hadyan Hafizh City University
3	WD03	Case study: post disaster investigation on wind damage for rural housing roofing system in northern Peninsular Malaysia	Farah Alwani Wan Chik Universiti Sains Malaysia
4	WD04	Numerical simulation on the effect of kitchen house location around rural house using computational fluid dynamics	Siti Noratikah Che Deraman Universiti Sains Malaysia
5	WD05	Effects of gap height on rural houses using computational fluid dynamics	Wan Nurfariza Wan Yahya Universiti Sains Malaysia
6	EQ01	Historical seismicity of Sabah region and its implication for seismic design	Dr. Noor Sheena Heriyani Harith Universiti Malaysia Sabah
7	EQ02	Determination of earthquake design ratio for fixed offshore platform due to Aceh earthquake in Malaysia	Dr. Ir. Saffuan Wan Ahmad Universiti Malaysia Pahang
8	EQ03	Effect of multiple earthquakes considering vertical ground motion to the reinforced concrete structures	Dr. Ir. Saffuan Wan Ahmad Universiti Malaysia Pahang
9	EQ04	Four-dimensional reconstruction of Nepal earthquake displacement from Sentinel-1A satellite	Associate Prof. Dr. Maged Marghany Universiti Putra Malaysia
10	EQ05	Site specific seismic hazard assessment for Kuala Lumpur and vicinity from long distance earthquakes	Dr. Nabilah Abu Bakar Universiti Putra Malaysia
11	EQ06	Four-dimensional of tsunami disasters effects utilizing hologram interferometry of satellite data	Associate Prof. Dr. Maged Marghany Universiti Putra Malaysia
12	EQ07	Vulnerability studies to existing building due to seismic activities in Sabah	Ir. Lee Choon Siang Jabatan Kerja Raya Malaysia
13	EQ08	Strength and stiffness distributions of torsional building systems	Dr. Suhailah Mohamed Noor Universiti Teknologi Mara
14	EQ09	Building inventory for seismic risk assessment using unmanned aerial vehicle	Mohd Nur Asmawisham Alel Universiti Teknologi Malaysia
15	EQ10	Utilisation of rubberised concrete to enhance damping ratio for concrete structures	Dr. Mariana Aida Ab Kadir Universiti Teknologi Malaysia

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No.	Paper ID	Title	Presenter
16	EQ11	Analysis of reinforced concrete buildings with plan irregularity subjected to seismic loads	Junaidah Abdullah Universiti Sains Malaysia
17	EQ12	Modeling of structural deformation of staff quarters hospital in Ranau subjected to the 2015 Ranau earthquake using Ruaumoko 2D	Dr. Kay Dora Abd Ghani Universiti Teknologi Mara
18	EQ13	Seismic assessment of staff quarters hospital in Ranau subjected to 2015 Ranau earthquake using fragility curve	Mohd Azuan Bin Tukiar Universiti Teknologi Mara
19	EQ14	Feasibility assessment of levitating magnetic damper for structural response control	Sk Muiz Bin Sk Abd Razak Universiti Malaysia Perlis
20	CV01	Multi-objective optimization evolutionary algorithm for investigation of fake MH370 debris	Associate Prof. Dr. Maged Marghany Universiti Putra Malaysia