

SENARAI PEMENANG KLUSTER PERHUTANAN DAN ALAM SEKITAR

No.	Booth No.	Project Leader Name	Invention / Innovation Title	Category	Cluster	Faculty / Institute / School / Academy	Medal
1	B-FE-335	Ahmad Makmom Abdullah	PM10 distribution using remotely sensed data and GIS techniques; Klang Valley, Malaysia	Applied Research (B)	Forestry and Environment (FE)	Faculty of Agriculture	Gold
2	B-FE-349	Siti Khairunniza Bejo	Development of Mangrove Forest Monitoring Technique Using Local Similarity Measure	Applied Research (B)	Forestry and Environment (FE)	Faculty of Engineering	Gold
3	B-FE-343	Mohamad Pauzi Zakaria	Method development for the simultaneous quantification of Pharmaceuticals and Personal Care Products (PPCPs) using Solid Phase Extraction and Liquid Chromatography Tandem Mass Spectrometry	Applied Research (B)	Forestry and Environment (FE)	Faculty of Environmental Studies	Gold
4	B-FE-350	Wan Nor Azmin Sulaiman	The application of digital elevation model for the interpretation of Klang valley geological structure	Applied Research (B)	Forestry and Environment (FE)	Faculty of Environmental Studies	Gold
5	B-FE-344	Mohamad Pauzi Zakaria	Method Development for Simultaneous Quantification of Veterinary Antibiotics in Broiler Chicken Manure and Land Applied Manure and Its Fate during Composting: A New Approach in Environmental Forensic	Applied Research (B)	Forestry and Environment (FE)	Faculty of Environmental Studies	Gold
6	A-FE-55	Mohamad Pauzi Zakaria	Distribution of Linear Alkylbenzenes (LABs) in selected sediments of Sarawak, and Sembulan Rivers East Malaysia	Fundamental (A)	Forestry and Environment (FE)	Faculty of Environmental Studies	Gold
7	B-FE-341	Mohamad Pauzi Zakaria	Environmental Forensic Techniques in identifying 16 Priority Pollutant PAHs in Langat River, Selangor.	Applied Research (B)	Forestry and Environment (FE)	Faculty of Environmental Studies	Gold

SENARAI PEMENANG KLUSTER PERHUTANAN DAN ALAM SEKITAR

8	A-FE-54	Mohamad Pauzi Zakaria	Linear Alkylbenzenes (LABs) in Surface Sediments of South China Sea: Molecular Marker for Sewage pollution	Fundamental (A)	Forestry and Environment (FE)	Faculty of Environmental Studies	Gold
9	B-FE-336	Ahmad Makmom Abdullah	Accuracy assessment of moderate resolution image spectroradiometer products for dust storms in semiarid environment	Applied Research (B)	Forestry and Environment (FE)	Faculty of Environmental Studies	Gold
10	C-FE-519	Jegatheswaran Ratnasingam	The Furniture Accountant	Product / Innovation (C)	Forestry and Environment (FE)	Faculty of Forestry	Gold
11	A-FE-65	Wan Nor Azmin Sulaiman	Laboratory Study of Light Nonaqueous Phase Liquid (LNAPL) using Image Analysis Technique	Fundamental (A)	Forestry and Environment (FE)	Faculty of Environmental Studies	Silver
12	B-FE-340	Mohamad Pauzi Zakaria	Source Apportionment of Aquaculture Surface Sediments Polycyclic Aromatic Hydrocarbons (PAHs) Using Multivariate Methods	Applied Research (B)	Forestry and Environment (FE)	Faculty of Environmental Studies	Silver
13	B-FE-342	Mohamad Pauzi Zakaria	Distribution of Polycyclic Aromatic Hydrocarbons (PAHs) in Selected Surface Sediment of Sarawak River, Sembulan River and Kuantan River.	Applied Research (B)	Forestry and Environment (FE)	Faculty of Environmental Studies	Silver
14	A-FE-56	Nik Muhamad Nik Ab Majid	Determination of Phytoremediator of contaminated soil	Fundamental (A)	Forestry and Environment (FE)	Faculty of Forestry	Silver
15	A-FE-60	RUSEA GO	Perlis Rich Orchid Flora, the Implausible Discovery for Malaysia	Fundamental (A)	Forestry and Environment (FE)	Faculty of Science	Silver

SENARAI PEMENANG KLUSTER PERHUTANAN DAN ALAM SEKITAR

16	A-FE-67	Yap Chee Kong	Heavy Metal Accumulation in a Medicinal Plant <i>Centella asiatica</i> from Peninsular Malaysia	Fundamental (A)	Forestry and Environment (FE)	Faculty of Science	Silver
17	B-FE-334	Ahmad Ainuddin Nuruddin	Assessment of Light Stress Adaptability of <i>Platyserium bifurcatum</i> in a Changing Climate	Applied Research (B)	Forestry and Environment (FE)	Institute of Tropical Forestry and Forest Products	Silver
18	B-FE-347	Rosta Harun	Impacts of Forest Changes on Indigenous People Livelihood in Pekan District, Pahang	Applied Research (B)	Forestry and Environment (FE)	Faculty of Environmental Studies	Bronze
19	B-FE-339	H'ng Paik San	Production of Oil Palm Trunk Core Board with Wood Veneer Lamination	Applied Research (B)	Forestry and Environment (FE)	Faculty of Forestry	Bronze
20	B-FE-345	Mohd Hasmadi Ismail	Land Use Trends and Landscape Analysis Using SPOT-5 Images of Cameron Highland, Malaysia	Applied Research (B)	Forestry and Environment (FE)	Faculty of Forestry	Bronze
21	B-FE-346	Mohd Hasmadi Ismail	Hotspot Occurrences: Classification Model using Decision Tree Method.	Applied Research (B)	Forestry and Environment (FE)	Faculty of Forestry	Bronze
22	A-FE-66	Yap Chee Kong	Possibility of Hg redistribution in <i>Tridax procumbens</i> due to Hg contamination	Fundamental (A)	Forestry and Environment (FE)	Faculty of Science	Bronze
23	A-FE-59	Rusea Go	Orchids, the Hidden Beauties and Treasures of Gunung Nuang, Selangor	Fundamental (A)	Forestry and Environment (FE)	Faculty of Science	Bronze
24	B-FE-337	Ainun Zuriyati Mohamed @ Asa'ari	Writing and printing grade paper from kenaf-EFB mixed fibres	Applied Research (B)	Forestry and Environment (FE)	Institute of Tropical Forestry and Forest Products	Bronze

SENARAI PEMENANG KLUSTER PERHUTANAN DAN ALAM SEKITAR

25	A-FE-64	Sheriza Mohd Razali	FUEL TYPE MAPPING USING TASSELED CAP TRANSFORMATION TECHNIQUE	Fundamental (A)	Forestry and Environment (FE)	Institute of Tropical Forestry and Forest Products	Bronze
26	A-FE-63	Seca Gandaseca	Comparison of Selected Soil Chemical Properties of Two Different Mangrove Forests in Sarawak	Fundamental (A)	Forestry and Environment (FE)	Faculty of Agriculture and Food Sciences	No Medal
27	A-FE-57	Nor Rasidah Hashim	Ant diversity in Peninsular Malaysian Mangrove Forests	Fundamental (A)	Forestry and Environment (FE)	Faculty of Environmental Studies	No Medal
28	A-FE-58	Rusea Go	Malaysian Lycopodiaceae, a Potential Natural Wealth	Fundamental (A)	Forestry and Environment (FE)	Faculty of Science	No Medal
29	B-FE-338	H'ng Paik San	Properties of Particleboard produced from admixture of Rubberwood and Mahang Species	Applied Research (B)	Forestry and Environment (FE)	Faculty of Forestry	No Medal
30	A-FE-62	Seca Gandaseca	Effect of Tropical Peat Swamp Forest Clearing on Soil Carbon Storage	Fundamental (A)	Forestry and Environment (FE)	Faculty of Agriculture and Food Sciences	No Medal
31	A-FE-61	Seca Gandaseca	Effect of Converting Secondary Tropical Peat Swamp Forest into Oil Palm	Fundamental (A)	Forestry and Environment (FE)	Faculty of Agriculture and Food Sciences	No Medal
32	B-FE-348	Sheriza Mohd Razali	Identification of Bamboo Areas Using the Tassel Cap of Sub-pixel Classifier for SPOT-XS Remote Sensing Data	Applied Research (B)	Forestry and Environment (FE)	Institute of Tropical Forestry and Forest Products	No Medal
33	A-FE-53	Ahmad Ismail	FUEL TYPE MAPPING USING TASSELED CAP TRANSFORMATION TECHNIQUE	Fundamental (A)	Forestry and Environment (FE)	Faculty of Science	No Medal