

KEPUTUSAN PRPI 2009 - Kluster : Perhutanan dan Alam Sekitar

| Bil. | Nama Penyelidik | Ahli Kumpulan Penyelidik | PTJ | Tajuk Penyelidikan | Kategori | Kluster | No. Rujukan | Medal |
|------|------------------------|--|--------------------|---|-----------------|--------------------------|------------------|----------|
| 40 | Mohamed Zakaria Hussin | Hossein Varasteh Moradi and Zamri Rosli | Fakulti Perhutanan | Resiliency of Insectivorous Birds to Edge in an Isolated Tropical Rainforest | Fundamental (A) | Forestry and Environment | A-FE-FORR-040 | No Medal |
| 41 | Hazandy Abdul Hamid | Azita Ahmad Zawawi, Mohd Zaki Hamzah and Mohd Nazre Saleh | Fakulti Perhutanan | Impacts of Recreation Activities on Growth and Physiological Characteristics of Upper Mountain Vegetation | Fundamental (A) | Forestry and Environment | A-FE-FORR-041 | Bronze |
| 42 | Hazandy Abdul Hamid | Ika Heriansyah and Mohd Hazim Yusoff | Fakulti Perhutanan | A General Model for Estimating Tropical Forest Biomass | Fundamental (A) | Forestry and Environment | A-FE-FORR-042 | No Medal |
| 43 | Faridah Hanum Ibrahim | | Fakulti Perhutanan | Peat Swamp Flora of Peninsular Malaysia | Fundamental (A) | Forestry and Environment | A-FE-FORR-043 | Gold |
| 44 | Faridah Hanum Ibrahim | | Fakulti Perhutanan | Plant Diversity and Conservation of Ayer Hitam Forest, Selangor | Fundamental (A) | Forestry and Environment | A-FE-FORR-044 | Silver |
| 45 | Faizah Abood | Zaidon Ashaari, Norhisham Ahmad Razi, Razak Terhem and Mohd Shahman Md. Azmi | Fakulti Perhutanan | Development Biology of the Bamboo Borer, <i>Dinoderus minutus</i> (Coleoptera: Bostrychidae) | Fundamental (A) | Forestry and Environment | A-FE-FORR-045 | Bronze |
| 46 | Yap Chee Kong | Cheng Wan Hee | Fakulti Sains | Heavy Metal Concentrations in Nerita Lineata: The Potential as a Biomonitor for Heavy Metal Bioavailability and Contamination in the Tropical Intertidal Area | Fundamental (A) | Forestry and Environment | A-FE-SCIENCE-046 | Bronze |
| 47 | Yap Chee Kong | Hatta Yusoff, Franklin Berandah Edward and Tan Soon Guan | Fakulti Sains | Comparison of Heavy Metal Concentrations (Cd, Cu, Fe, Ni and Zn) in the Shells and Different Soft Tissues of <i>Anadara granosa</i> Collected from Jeram, Kuala Juru and Kuala Kurau, Peninsular Malaysia | Fundamental (A) | Forestry and Environment | A-FE-SCIENCE-047 | Bronze |

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|------|-----------------|---|---------------|---|-----------------|--------------------------|------------------|--------|
| 48 | Yap Chee Kong | Fairuz M S, Cheng Wan Hee and Tan Soon Guan | Fakulti Sains | Distribution of Ni and Zn in the Surface Sediments Collected from Drainages and Intertidal Area in Selangor | Fundamental (A) | Forestry and Environment | A-FE-SCIENCE-048 | Bronze |
| 49 | Yap Chee Kong | Noorhaidah Arifin | Fakulti Sains | An Evidence of Pb Redistribution in the Different Soft Tissues of Telescopium Telescopium Collected from a pb-Contaminated Intertidal Site | Fundamental (A) | Forestry and Environment | A-FE-SCIENCE-049 | Bronze |
| 50 | Yap Chee Kong | Franklin Berandah Edward, Ahmad Ismail and Tan Soon Guan | Fakulti Sains | Interspecific Variation of Heavy Metal Concentrations in the Different Parts of Tropical Intertidal Bivalves | Fundamental (A) | Forestry and Environment | A-FE-SCIENCE-050 | Bronze |
| 51 | Yap Chee Kong | Hatta Yusoff, Franklin Berandah Edward and Tan Soon Guan | Fakulti Sains | Distribution of Heavy Metal Concentrations (Cd,Cu,Ni,Fe and Zn) in the Different Soft Tissues and Shells of Wild Mussels Perna viridis Collected From Bagan Tiang and Kuala Kedah | Fundamental (A) | Forestry and Environment | A-FE-SCIENCE-051 | Bronze |
| 52 | Yap Chee Kong | Franklin Berandah Edward, Cheng Wan Hee and Tan Soon Guan | Fakulti Sains | Determination of Contamination and Bioavailabilities of Heavy Metals (Cu,Cd,Zn,Pb,Ni) in the Serdang Urban Lake by Using Guppy Fish Poecilia Reticulata | Fundamental (A) | Forestry and Environment | A-FE-SCIENCE-052 | Bronze |
| 53 | Yap Chee Kong | Mazyar Yazdani, Faridah Abdullah and Tan Soon Guan | Fakulti Sains | Trichoderma Atroviride as a Bioremediator of Cu Pollution: An In Vitro Study | Fundamental (A) | Forestry and Environment | A-FE-SCIENCE-053 | Gold |
| 54 | Rusea Go | Khor Hong Eng, Tan Mui Ching, Janna Ong Abdullah, Rosimah Nulit and Ahmad Ainuddin Nuruddin | Fakulti Sains | The Orchids of Cloud Forest in Gunung Ulu Kali, Genting Highlands, Our Depleting and Vanishing Natural Heritage, and an Alarm from Global Warming | Fundamental (A) | Forestry and Environment | A-FE-SCIENCE-054 | Bronze |
| 55 | Rusea Go | Phoon Sook Nghoh, Michael Lim Yee Liang, Khor Hong Eng, Janna Ong Abdullah and Julaihi Abdullah | Fakulti Sains | Revealing Padawan Rich Orchid Flora And What's Next? | Fundamental (A) | Forestry and Environment | A-FE-SCIENCE-055 | Bronze |

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|------|---------------------------|--|--|---|-----------------|--------------------------|------------------|-----------|
| 56 | Faridah Abdullah | Yap Chee Kong, Nuriyana Iskandar and Mazyar Yazdani | Fakulti Sains | Fungi as Bioremediators: An Alternative Treatment for Heavy Metal in Wastewaters and Soils | Fundamental (A) | Forestry and Environment | A-FE-SCIENCE-056 | Withdrawn |
| 57 | Seca Gandaseca | Osumanu Haruna Ahmed, John Sabang and Nik Muhamad Ab. Majid | Fakulti Sains Pertanian dan Makanan, UPMKB | Environmental Impact of Timber Harvesting System on Peat Swamp Forest in Sarawak | Fundamental (A) | Forestry and Environment | A-FE-BTU-057 | Bronze |
| 58 | Nor Aini Ab Shukor Shukor | Mohd Hazimy Yusoff, Hazandy Abdul Hamid, Nor Aini Ab Shukor, Mohd Hanafi Mohd and Ika Heriansyah | Institut Perhutanan Tropika dan Produk Hutan | Effects of Fertilizer on Growth and Physiology of Hibiscus cannabinus L. (Kenaf) Planted in Bris Soil | Fundamental (A) | Forestry and Environment | A-FE-INTROP-058 | Silver |
| 59 | Nor Aini Ab Shukor Shukor | Samanthi Priyanka Withanage, Suhaimi Napis and Mohd Pua Abdullah | Institut Perhutanan Tropika dan Produk Hutan | Over Expression of Gibberellin 20 Oxidase Gene Increase of Cellulose Fiber Length in Kenaf (Hibiscus cannabinus L.) | Fundamental (A) | Forestry and Environment | A-FE-INTROP-059 | Gold |
| 60 | Rusea Go | Ahmad Ainuddin Nuruddin and Khor Hong Eng, Tan Mui Ching, Shahla Hossieni, Rosimah Nulitand and Nor Ashikin Psyquay Abdullah | Institut Perhutanan Tropika dan Produk hutan | Identification of Potential Ornamental and Medicinal Canopy Plant Species and Optimization of Culture Media and Techniques for Mass Propagation | Fundamental (A) | Forestry and Environment | A-FE-INTROP-060 | No Medal |
| 61 | Rusea Go | Ahmad Ainuddin Nuruddin and Khor Hong Eng | Institut Perhutanan Tropika dan Produk hutan | Discovery of Two New Orchid Species in Lanjak Entimau Wildlife Sanctuary, Ulu Ketibas, Sarawak | Fundamental (A) | Forestry and Environment | A-FE-INTROP-061 | No Medal |
| 62 | Abdul Rahim Abdul Samad | Mohd Shahwahid Hj. Othman and Zariyawati Mohd Ashhari | Sekolah Pengajian Siswazah Pengurusan | A Comparison Analysis of Logging Cost between Conventional and New Harvesting Operation | Fundamental (A) | Forestry and Environment | A-FE-GSM-062 | No Medal |
| 63 | Abdul Rahim Abdul Samad | Zariyawati Mohd Ashhari and Mohd Shahwahid Hj. Othman | Sekolah Pengajian Siswazah Pengurusan | Short Run and Long Run Analysis of Domestic West Malaysian Log Market | Fundamental (A) | Forestry and Environment | A-FE-GSM-063 | Bronze |

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|------|---------------------------|---|----------------------|--|----------------------|--------------------------|---------------|----------|
| 214 | Mohd Hasmadi Ismail | Alias Mohd Sood and Miss Norizah Kamarudin | Fakulti Perhutanan | Reclassifying Forest Type to a New Forest Class Based on Vegetation and Lithology Characteristics using Geographic Information System at Southern Johore, Malaysia | Applied Research (B) | Forestry and Environment | B-FE-FORR-214 | No Medal |
| 215 | Pakhriazad Hassan Zaki | Mohd Hasmadi Ismail and Kamaruzaman Jusoff | Fakulti Perhutanan | Historical and Current Legislations of National Park (Taman Negara) Peninsular Malaysia | Applied Research (B) | Forestry and Environment | B-FE-FORR-215 | No Medal |
| 216 | Jegatheswaran Ratnasingam | Murughan Manikam, Saeid Reza Farrokhpayam and Mohd. Hamami Sahri | Fakulti Perhutanan | Evaluating the Suitability of Oil Palm Empty Fruit Bunches (EFB) Particleboard as a Furniture Material | Applied Research (B) | Forestry and Environment | B-FE-FORR-216 | Bronze |
| 217 | Jegatheswaran Ratnasingam | Saeid Reza Farrokhpayam and Murughan Manikam | Fakulti Perhutanan | Tool Wear Characteristics of Oil Palm Empty Fruit Bunches (EFB) Particleboard | Applied Research (B) | Forestry and Environment | B-FE-FORR-217 | Bronze |
| 218 | Awang Noor Abd. Ghani | Amir Hafidz Mohd Taha and Tuan Marina Tuan Ibrahim | Fakulti Perhutanan | Economic Value of Water for Agriculture Uses | Applied Research (B) | Forestry and Environment | B-FE-FORR-218 | Gold |
| 219 | Awang Noor Abd. Ghani | Mohd Yusrizal bin Hassim, Tuan Marina Tuan Ibrahim and Mohd Syauki bin Mohd Sidek | Fakulti Perhutanan | Economic Value of Recreation Benefits | Applied Research (B) | Forestry and Environment | B-FE-FORR-219 | Gold |
| 220 | Faizah Abood | Ghulam Ali Bajwa, Yusof Ibrahim and Zaidon Ashaari | Fakulti Perhutanan | Control of the Tongkat Ali Pest <i>Eurycoma Longifolia</i> (Lepidoptera: Yponomeutidae) using the Fungus <i>Beauveria bassiana</i> | Applied Research (B) | Forestry and Environment | B-FE-FORR-220 | Silver |
| 221 | Sa'ari b. Mustapha | Mohanad El-Harbawi | Fakulti Kejuruteraan | Disperg HEPACT | Applied Research (B) | Forestry and Environment | B-FE-ENG-221 | Silver |

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| 222 | Mohamad Pauzi Zakaria | Ho Yu Bin | Fakulti Pengajian Alam Sekitar | Microbial Study of Different Types of Sewage and Effluent as a Tool for Source Identification Using PCR-DGGE | Applied Research (B) | Forestry and Environment | B-FE-ENV-222 | Bronze |
| 223 | Mohamad Pauzi Zakaria | Aziz bin Arshad | Fakulti Pengajian Alam Sekitar | Anthropogenic Waste Indicators (AWI) Particularly PAHs and LABs in Langat River: Application of Earthworms as Bio-Indicators for Identifying Anthropogenic Pollution | Applied Research (B) | Forestry and Environment | B-FE-ENV-223 | Silver |
| 224 | Mohamad Pauzi Zakaria | Mohd Shazwan Jamhari | Fakulti Pengajian Alam Sekitar | Distribution of Alkanes, Hopanes and Polycyclic Aromatic Hydrocarbons (PAHs) in Selected Sediments of Sarawak River and Inanam River, East Malaysia | Applied Research (B) | Forestry and Environment | B-FE-ENV-224 | No Medal |
| 225 | Mohamad Pauzi Zakaria | Norazida Manan | Fakulti Pengajian Alam Sekitar | Distribution and Sources of Polycyclic Aromatic Hydrocarbons (PAHs) in Core Sediment Samples Collected in South China Sea | Applied Research (B) | Forestry and Environment | B-FE-ENV-225 | Bronze |
| 226 | Mohamad Pauzi Zakaria | Sami Muhsen Sleman | Fakulti Pengajian Alam Sekitar | Distribution of Linear Alkylbenzenes (LABs) in Selected Sediments of Kuching and Kota Kinabalu Rivers | Applied Research (B) | Forestry and Environment | B-FE-ENV-226 | No Medal |
| 227 | Mohamad Pauzi Zakaria | Najat Abdullah Ebrahim | Fakulti Pengajian Alam Sekitar | Assesment of Sewage Contaminants Using Linear Alkylbenzenes (LABs) in Sediments Collected from South China Sea | Applied Research (B) | Forestry and Environment | B-FE-ENV-227 | Bronze |
| 228 | Mohamad Pauzi Zakaria | Muhammad Raza | Fakulti Pengajian Alam Sekitar | Mangrove Sediments: The Source or Sink of Polycyclic Aromatic Hydrocarbons (PAHs) Contamination? | Applied Research (B) | Forestry and Environment | B-FE-ENV-228 | Bronze |
| 229 | Ramdani Abdullah | Majid Ajourlo | Fakulti Pengajian Alam Sekitar | A Model-Based Approach for Mapping Rangelands Covers Using Landsat TM Image Data | Applied Research (B) | Forestry and Environment | B-FE-ENV-229 | No Medal |

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| 230 | Wan Nor Azmin Sulaiman | Mohd Hafiz Rosli | Fakulti Pengajian Alam Sekitar | Locating Sediment Trap Using Hydro-GIS Process | Applied Research (B) | Forestry and Environment | B-FE-ENV-230 | Silver |
| 231 | Liang Juan Boo | J.B Liang, Y. Wang, C.s Liu, F.B Li, C.P Liu | Institut Biosains | Photodegradation of Polycyclic Aromatic Hydrocarbon Pyrene by Iron Oxide in Solid Phase | Applied Research (B) | Forestry and Environment | B-FE-IBS-231 | Gold |
| 232 | Ahmad Ainuddin Nuruddin | John Ampun | Institut Perhutanan Tropika dan Produk Hutan | Temporal Analysis of the Keetch-Byram Drought Index in Malaysia: Implications for Forest Fire Mangement | Applied Research (B) | Forestry and Environment | B-FE-INTROP-232 | Gold |
| 233 | Ahmad Ainuddin Nuruddin | Chong Wan Sze | Institut Perhutanan Tropika dan Produk Hutan | Public Attitudes and Perceptions Toward Forest Fire in Selangor, Malaysia | Applied Research (B) | Forestry and Environment | B-FE-INTROP-233 | No Medal |
| 234 | Abdul Rahim Abdul Samad | Mohd Shahwahid Hj. Othman | Sekolah Pengajian Siswazah Pengurusan | Sustainable Forest Management and West Malaysian Sawntimber Supply Analysis | Applied Research (B) | Forestry and Environment | B-FE-GSM-234 | No Medal |
| 495 | H'ng Paik San | | Fakulti Perhutanan | Injection Moulded Door Frame Made from Wood Plastic Composites | Product / Innovation (C) | Forestry and Environment | C-FE-FORR-495 | Gold |
| 496 | Mohd Kamil Yusoff | Pauziah Hanum | Fakulti Pengajian Alam Sekitar | Knowledge-based System for River Water Quality Management | Product / Innovation (C) | Forestry and Environment | C-FE-ENV-496 | Gold |
| 497 | Latifah Abd Manaf | Mohd Armi Abu Samah | Fakulti Pengajian Alam Sekitar | An Integrated Multicriteria Decision Making Tool For Selecting An Appropriate Solid Waste Treatment Technology | Product/ Innovation (C) | Forestry and Environment | C-FE-ENV-497 | Silver |