

INSTITUTE OF ENVIRONMENTAL AND WATER RESOURCES MANAGEMENT (IPASA)

The Institute of Environmental & Water Resource Management (translated in Bahasa Melayu as Institut Pengurusan Alam Sekitar dan Sumber Air - IPASA) was established in 1994. This Institute was previously known as the Institute of Environmental Studies (IKAS) which serves as an effort to integrate available expertise in various fields at UTM to understand and to overcome complex problems related to our environment. IPASA is an interdisciplinary center for environmental research, consultation and graduate training. This Institute also provides continuing education programs

(i.e. seminars and short courses) in environmental related areas.

Although it was officially established in 1994, most of the IPASAs' associate fellows and researchers have vast experience in environmental studies, consultancies and teaching since early 1980s. Currently, IPASA is being led by a Director and a Deputy Director who are appointed on a rotational basis, supported by research fellows and contract staff. It is one of the Centers of Excellence under the Water Research Alliance.

OBJECTIVES

The objectives of IPASA are as follow:

- To stimulate, encourage and enhance research programs in environmental related
- To establish collaboration among academics in various disciplines related to environmental studies toward enhancing the research programs;
- To establish and enhance relationship and collaboration between UTM and various agencies (private and public sectors) in environmental research and consultancy;
- To provide advisory and consultancy services to public and private agencies on environmental issues;
- To provide facilities for strengthening postgraduate courses in environmental studies offered by related faculties;
- To provide technical program in the field of environmental technology and management:
- To provide services on environmental quality testing.





With its wide range of expertise, IPASA also provides consultancy and testing services in environmental related areas. IPASA members have carried out more than 100 Environmental Impact Assessment (EIA) and related projects during the past years. Other projects include:

- · River classification and pollution study
- · River basin study
- Lake and reservoir studies
- Industrial wastewater treatment
- Solid and hazardous waste disposal
- Air pollution control
- Ecotoxicology and risk assessment
- Urban pollution discharges

With available sophisticated its instruments and well-trained personnel, IPASA is capable of providing services for environmental quality analysis. This includes common water quality parameters testing such as pH, BOD, COD, SS, TOC, turbidity, microbiological study, oil and grease and heavy metals content. Ambient air and fuel gas content and noise level can also be tested. Various other chemical analyses can be carried out at our chemistry and environmental engineering laboratories. Table 1 shows the list of consultation projects and contract research awards in the year 2010.



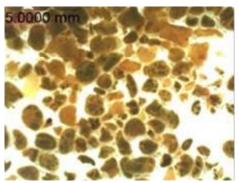


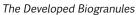


TABLE 1: CONSULTANCY AND CONTRACT RESEARCH (NATIONAL & INTERNATIONAL) (2010)

1 Hydrographic Surveying Course Prof. Dr. Mohrd Razaii bin Mahmud, FKSG Ro. Ahmad Shahlan bin Merd, FKSG Sidn, Bhd. Sidn, Bhd. Carbon Footprint, Project Prof. Dr. Zulkiffi bin Yusop, Gov. Ci Penang 200,000 FKA Dr. Zainura Zainon Noor, FKSG Sh. Bhd. Carbon Footprint, Project Dr. Zainura Zainon Noor, FKSG Sh. Bhd. Dr. Zainura Zainon Noor, FKSG Sh. Bhd. Assoc. Prof. Mohd Safe Mohd, FKSG Kelartan Cournal (Kerja-kerja Penlaian Semula Majis Daerah Tanpat) Projek 2010 UTM Hydro I Course (Catagory A Level) Course (Kerja-kerja Penlaian Semula Majis Deeren Tanah Merah Town Course (Catagory A Level) Projek 2010 UTM Hydro I Course (Catagory A Level) Projek 2010 UTM Hydro I Course (Catagory A Level) Projek 2010 UTM Hydro I Course (Catagory A Level) Projek 2010 UTM Hydro I Course (Catagory A Level) Projek 2010 UTM Hydro I Course (Catagory A Level) Projek 2010 UTM Hydro I Course (Catagory A Level) Projek 2010 UTM Hydro I Course (Catagory A Level) Projek Perlombongan Bijh Timah di Perlor Dr. Zulkifii Yusop Unita Perancan Kalas Sungai Baru, Daorah Alar Gajah Melakai Di Dasktop Skudy on River Buffer Zone in Melaysis - Projek Perlombongan Bijh Timah di Perancan Kalas Sungai Baru, Daorah Alar Gajah Melakai Di Dasktop Skudy on River Buffer Zone in Melaysis - Projek Perlombongan Bijh Timah di Perancan Kalas Sungai Baru, Daorah Alar Gajah Melakai Di Dasktop Skudy on River Buffer Zone in Melaysis - Prof. Dr. Zulkifii Yusop NAHRIM Sajas Skin Bala Palaysis on Skudy For Burand in Industries - In Tarms of Quantiby &	BIL	PROJECT TITLE	PROJECT LEADER	CLIENT	COSTING (RM)
2 Hydrogrephic Survey For Kurneng CPP Marki, FKSB Schember Cerbon Footprint Project Dr. Zaliviti bin Yusop, FKA Cerbon Footprint Project Dr. Zaliviti bin Yusop Sdn. Bhd. Cerbon Footprint Project Cerbon Footprint Project Cerbon Footprint Project Dr. Zaliviti bin Yusop Cerbon Footprint Project Dr. Zaliviti bin Yusop Cerbon Footprint Project Cerbon Fo	1	Hydrographic Surveying Course	Prof. Dr. Mohd Razali bin	Govt. & Private	580,273
Merd, FKSG Sdn, Bhd. Carbon Footprint Project. Prof. Dr. Zulkfil bin Yusop. RKA Carbon Footprint Project. Dr. Zainura Zainun Noor, FKKKSA Assoc. Prof. Mohd Safie Mohd, FKSG Sdn, Bhd. Beassessment of Tumpat Town Council (Kerja-kerja Penilaian Semula Majis Daerah Tumpat) Reassessment of Tanah Merah Town Council (Kerja-kerja Penilaian Semula Majis Daerah Tumpat) Reassessment of Tanah Merah Town Council (Kerja-kerja Penilaian Semula Majis Daerah Tumpat) Reassessment of Tanah Merah Town Council (Kerja-kerja Penilaian Semula Majis Daerah Tanah Merah Town Council (Kerja-kerja Penilaian Semula Majis Daerah Tanah Merah Town Council (Kerja-kerja Penilaian Semula Majis Daerah Tanah Merah Town Council (Kerja-kerja Penilaian Semula Majis Daerah Tanah Merah Town Council (Kerja-kerja Penilaian Semula Majis Daerah Tanah Merah Town Council (Kelantan Majis Daerah Tanah Merah Town Council (Kelantan Majis Daerah Majis Projek Perlombongan Bijih Timah di Perairan Kuala Sungal Baru, Daerah Ajis Daerah Majis Perlombagan Bijih Timah di Perairan Kuala Sungal Baru, Daerah Ajis Daerah Majis Perlombagan Bijih Timah di Perairan Kuala Sungal Baru, Daerah Ajis Daerah Majis Perlombagan Bijih Timah di Perairan Kuala Sungal Baru, Daerah Ajis Daerah Majis Perlombagan Bijih Timah di Perairan Kuala Sungal Baru, Daerah Ajis Daerah Majis Perlombagan Bijih Timah di			Mahmud, FKSG		
3	2	Hydrographic Survey For Kumang CPP	En. Ahmad Shahlan bin	Sime Darby Engineering	8,500
FKA Cerbon Footprint Project Dr. Zainura Zainon Noor, FKKKSA Assoc. Prof. Mohd Safe Mohd, FKSG Sdn. Bhd. FRA FRA FRA FRA FRA FRA FRA FR			Mardi, FKSG	Sdn. Bhd.	
4 Carbon Footprint Project Br. Zainurs Zainon Noor, RKKSA Assoc. Prof. Mohd Safe Mohd, RKSG Sdn. Bid. 5 Reassessment of Tumpat Town Council (Kerja-kerja Penilalan Semula Majlis Deerah Tumpet) Assoc. Prof. Mohd Safe Mohd, RKSG Sdn. Bid. 6 Reassessment of Tanah Merah Town Council (Kerja-kerja Penilalan Semula Majlis Deerah Tumpet) Assoc. Prof. Mohd Safe Tumpat Town Council Kelantan Mohd, RKSG Kelantan Assoc. Prof. Mohd Safe Tanah Merah Town Council Kelantan Mohd, RKSG Kelantan Prof. Dr. Mohd Rafe Kelantan Mohd, RKSG Kelantan Mohd, RKSG Kelantan Prof. Dr. Mohd Safe Tanah Merah Town Council Kelantan Mohd, RKSG Royal Maleysian Navy Royal Maleysia	3	"Cybercity Pulau Pinang" Project	Prof. Dr. Zulkifli bin Yusop,	Govt. Of Penang	200,000
FKKKSA Assoc. Prof. Mohd Safe Mohd, FKSG Kelantan Assoc. Prof. Mohd Safe Assoc. Prof. Mohd Safe Reassessment of Tumpet Town Council (Kerja-kerja-Penilaian Semula Majlis Daerah Tumpet) Assoc. Prof. Mohd Safe Reassessment of Tanah Merah Town Council (Kerja-kerja-Penilaian Semula Majlis Daerah Tanah Merah) Projek "2010 UTM Hydro II Course (Category A Levell)" Assoc. Prof. Dr. Mohd Razaii bin Royal Malaysian Navy Royal			FKA		
Safie Mohd, FKSG Sdn. Bhd. Reassessment of Tumpat Town Council (Kerja-kerja Penilaian Semula Majis Daerah Tumpat) Reassessment of Tanah Merah Town Council (Kerja-kerja Penilaian Semula Majis Daerah Tumpat) Reassessment of Tanah Merah Town Council (Kerja-kerja Penilaian Semula Mohd, FKSG Kelantan Mohd FKSG B Projek "2010 UTIM Hydro II Course (Catagory A Levell)" Rayl Malaysian Navy 285,000 Mahmud, FKSG B Projek "Study On Sub-Merge Vane" di Rasundan FKSG B Projek "Study On Sub-Merge Vane" di Rasundan FKSG B Projek "Study On Sub-Merge Vane" di Rasundan FKSG B Projek "Study On The Potential of Falinwater Utiliseation in Supplementing Water Demand in Industries - In Terms of Quantity and Quality 12 Disposal of Sediments and Deepening of Sq. Simping Kin and all Felated Works in the District of Baur Pahat (Projek Membuang Kelodak dan Mendalamkan Sq. Simpang Kin is ent kerpakerja lain yang Berkaitan di Deerah Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sq. Simpang Kin is ent kerpakerja lain yang Berkaitan di Deerah Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sq. Simpang Kin is enta Kerpakerja lain yang Berkaitan di Deerah Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sq. Simpang Kin is enta Kerpakerja lain yang Berkaitan di Deerah Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sq. Simpang Kin is enta Kerpakerja lain yang Berkaitan di Deerah B	4	Carbon Footprint Project	Dr. Zainura Zainon Noor,	Advanced Technical	-
Seepart Reassessment of Tumpet Town Council Assoc. Prof. Mohd Safie Tumpet Town Council ADD,000 Keja-kerja Penilaian Semula Mold, FKSG Mohd, FKSG Kelantan			FKKKSA Assoc. Prof. Mohd	Laminates Manufacturing	
[Kerje-kerja Penilaian Semula Majlis Daerah Tumpat] 6 Reassessement of Tanah Merah Town Assoc. Prof. Mohd Safie Tanah Merah Town Council (Kerje-kerja Penilaian Semula Majlis Daerah Tanah Merah) 7 Projek '2010 UTM Hydro II Course (Catagory A Level)" Mohd, FKSG Kelantan Royal Malaysian Navy 285,000 (Catagory A Level)" Mahmud, FKSG Reunding Prof. Dr. Supish Shamsudin Bhd. 9 Detailed Environmental Impact Assoc. Prof. Dr. Supish Bhd. 9 Detailed Environmental Impact Prof. Dr. Zulkifii Yusop Unit Perancang Ekonomi Negeri Melaka Sungai Baru Waters, District of Alor Gajah Malacca (Kajian Terpeinci Penilaian Kesan Alam Sekitar bagi Projek Perlombongan Bijih Timah di Pereirar Kuala Sungai Baru, Deerah Alor Gajah Malaysis : Policy by Laws and Incentives 11 Study on The Potential of Rainwater Demand in Industries - In Terms of Guantity and Guality 12 Disposal of Sediments and Deepening of Sq. Signing Kiri and all Related Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sq. Simpang Kiri serat Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Demand In Industries - In Terms of Guantity & Guality and Sulary Prof. Dr. Zulkifii Yusop NAHRIM 236,162 Utilisation in Supplementing Water Demand In Industries - In Terms of Guantity & Guality 13 Study On The Potential Of Rainwater Demand In Industries - In Terms of Guantity & Guality 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifii Yusop NAHRIM 236,162 Utilisation in Supplementing Water Demand In Industries - In Terms of Guantity & Guality 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifii Yusop Alam Sektar Malaysia Sdn 31,241 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifii Yusop Akademi Sains Malaysia Sdn 31,241 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifii Yusop Akademi Sains Malaysia 300,000			Safie Mohd, FKSG	Sdn. Bhd.	
Deerah Tumpat) 6 Reassessment of Tanah Merah Town Council (Kerja-kerja Penilaian Semula Majlis Daerah Tanah Merah) 7 Projek '2010 UTM Hydro il Course (Category A Leveil') Rahmud, FKSG 8 Projek 'Study On Sub-Merge Vane' di Raub, Pahang 9 Detailed Environmental Impact Assec. Prof. Dr. Mohd Razail bin Royal Malaysian Navy 285,000 Rahmud, FKSG 8 Projek 'Study On Sub-Merge Vane' di Raub, Pahang 9 Detailed Environmental Impact Assessment - DEIA for Tin Ore Mining at Kuala Sungai Baru Waters, District of Alor Gajah Malacad (Kajian Tenpeinci Penilaian Kesan Alam Sekitar bagi Projek Performbongan Bijih Timah di Perairan Kuala Sungai Baru, Daerah Alor Gajah Malacad (Kajian Tenpeinci Penilaian Kesan Alam Sekitar bagi Projek Performbongan Bijih Timah di Perairan Kuala Sungai Baru, Daerah Alor Gajah Malacad (Kajian Tenpeinci Penilaian Kesan Alam Sekitar bagi Projek Performbongan Bijih Timah di Perairan Kuala Sungai Baru, Daerah Alor Gajah Malacad (Kajian Tenpeinci Penilaian Kesan Alam Sekitar bagi Projek Performbongan Bijih Timah di Perairan Kuala Sungai Baru, Daerah Alor Gajah Malacad (Kajian Tenpeinci Penilaian Kesan Alam Sekitar bagi Prof. Dr. Zulkifli Yusop NAHRIM \$2,773 Malhaysia : Policy by Lawa and Incentives 10 Desktop Study on River Buffer Zone in Mohd Yusofftop NAHRIM \$235,162 Mahamada Rahada Marka Sag. Simping Kiri and all Relatad Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sag. Simping Kiri and all Relatad Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sag. Simping Kiri and all Relatad Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sag. Simping Kiri and all Relatad Works in the District of Batu Pahat (Projek Membuang Kolodak dan Mendalamkan Sag. Simping Kiri and all Relatad Works in the District of Batu Pahat (Projek Membuang Kolodak dan Mendalamkan Sag. Simping Kiri and all Relatad Works in the District of Batu Pahat (Projek Membuang Kolodak dan Mendalamkan Sag. Simping Kiri and all Relatad Works in the District	5	Reassessment of Tumpat Town Council	Assoc. Prof. Mohd Safie	Tumpat Town Council	400,000
Reassessment of Taneh Merah Town Council (Kerja-kerja Penlalaian Samula Majils Deerah Taneh Merah) South Council (Kerja-kerja Penlalaian Samula Majils Deerah Taneh Merah) Relation (Selantan Merah)		(Kerja-kerja Penilaian Semula Majlis	Mohd, FKSG	Kelantan	
Council (Kerja-kerja Penilaian Semula Majlis Deerah Tanah Merah) 7 Projek "2010 UTM Hydro II Course (Category A Level") Mahmud, FKSG 8 Projek "Study On Sub-Merge Vane" di Assoc. Prof. Dr. Supiah Berunding Nusajasa Sdn. 9 Detailed Environmental Impact Prof. Dr. Zulkifli Yusop Unit Perancang Ekonomi 1,200,000 Assessment – DEIA for Tin Ore Mining at Kuala Sungai Baru Waters, District of Alor Gajah Melakca (Kajian Terpeiroi Penilaian Kesan Alam Sekitar bagi Projek Perfombongan Bijh Timah di Perairan Kuala Sungai Baru, Daerah Alor Gajah Melaka) 10 Desktop Study on River Buffer Zone in Majaysis : Policy by Laws and Incentives Utilisation in Supplementing Water Demand in Industries - In Terms of Guantity and Guality 12 Disposal of Sediments and Deepening of Sg. Simping Kiri and all Related Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkatan di Daerah Batu Pahat) 13 Study On The Petential Of Rainwater Demand In Industries - In Terms Of Guantity & Quality 14 Hydrology and Soil Erosion Study For The Proposed Construction Of The Universit Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000		Daerah Tumpat)			
Majiis Daerah Tanah Merah) 7 Projek "2010 UTM Hydro Il Course (Category A Level") Prof. Dr. Mohd Plazali bin (Category A Level") Mahmud, FKSG 8 Projek "Study On Sub-Merge Vane" di Raub, Pahang Prof. Dr. Supiah Shamsudin Bhd. 9 Detailed Environmental Impact Assessment - DEIA for Tin Ore Mining at Kuala Sungai Baru Waters, District of Alor Gajah Malacca (Kajian Terpeinci Penilaian Kasan Alam Sekitar bagi Projek Perlombongan Bijih Timah di Perairen Kuala Sungai Baru, Daerah Alor Gajah Melaka) 10 Desktop Study on River Buffer Zone in Malaysia : Policy by Laws and Incentives 11 Study on The Potential of Rainwater Utilisation in Supplementing Water Demand in Industries - In Terms of Quentity and Quality Membung Kelodak dan Mendalamkan Sg. Simpang Kiri and all Related Works in the District of Batu Pahat (Projek Membung Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Utilisation in Supplementing Water Demand in Industries - In Terms of Quentity and Quality Mohd Yusoffop 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop NAHRIM 236,162 15 Mega Science Project From Work Study 16 Mega Science Project From Work Study 17 Mega Science Project From Work Study 18 Mega Science Project From Work Study 19 Makang Kadama Malaysia 300,000	6	Reassessment of Tanah Merah Town	Assoc. Prof. Mohd Safie	Tanah Merah Town Council	500,000
Projek "2010 UTM Hydro II Course (Category A Level)" Prof. Dr. Mohd Razali bin Mahmud, RKSG		Council (Kerja-kerja Penilaian Semula	Mohd, FKSG	Kelantan	
Category A Level "		Majlis Daerah Tanah Merah)			
B Projek "Study On Sub-Merge Vane" di Raub, Pahang Bub, Pahang Bub	7	Projek "2010 UTM Hydro II Course	Prof. Dr. Mohd Razali bin	Royal Malaysian Navy	285,000
Raub, Pahang Shamsudin Bhd. 9 Detailed Environmental Impact Prof. Dr. Zulkifli Yusop Unit Perancang Ekonomi 1,200,000 Assessment - DEIA for Tin Ore Mining at Kuala Sungai Baru Waters, District of Alor Gajah Malacca (Kajian Terpeinci Penilaian Kesan Alam Sekttar bagi Projek Perlombongan Bijih Timah di Perairan Kuala Sungai Baru, Daerah Alor Gajah Melaka) 10 Desktop Study on River Buffer Zone in Malaysia Study on The Potential of Fainwater Utilisation in Supplementing Water Demand in Industries - In Terms of Guentity and Guelity Membuang Kelodak dan Mendalamkan Sg. Simping Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Demand In Industries - In Terms Of Guentity & Quality 14 Hydrology and Soil Erosion Study For The Proposed Construction Of The Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study 16 Dia Deskitar Malaysia Malaysia Son Deskitar Malaysia Son Sou, 200, 200, 200, 200, 200, 200, 200, 20		(Category A Level)"	Mahmud, FKSG		
9 Detailed Environmental Impact Assessment - DEIA for Tin One Mining at Kuala Sungai Baru Waters, District of Alor Gajah Malacca (Kajian Terpeinci Penilaian Kesan Alam Sekitar bagi Projek Perlombongan Bijih Timah di Perairan Kuala Sungai Baru, Daerah Alor Gajah Melaka) 10 Desktop Study on River Buffer Zone in Malaysia : Policy by Laws and Incentives 11 Study on The Potential of Rainwater Demand in Industries - In Terms of Guantity and Quality 12 Disposal of Sediments and Deepening of Sg. Simping Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Demand in Industries - In Terms of Guantity and Quality and Quality Projek Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Demand In Industries - In Terms Of Guantity & Quality 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop NAHRIM 236,162 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000	8	Projek "Study On Sub-Merge Vane" di	Assoc. Prof. Dr. Supiah	Perunding Nusajasa Sdn.	-
Assessment – DEIA for Tin Ore Mining at Kuala Sungai Baru Waters, District of Alor Gajah Malacca (Kajian Terpeinci Penilaian Kesan Alam Sekitar bagi Projek Perlombongan Bijih Timah di Perairan Kuala Sungai Baru, Daerah Alor Gajah Melaka) 10 Desktop Study on River Buffer Zone in Malaysis: Policy by Laws and Incentives 11 Study on The Potential of Rainwater Utilisation in Supplementing Water Demand in Industries - In Terms of Guantity and Guality and Guality Alembang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 12 Study On The Potential Of Rainwater Prof. Dr. Zulkifli Yusop NAHRIM 236,162 13 Study On The Potential Of Rainwater Demand in Industries - In Terms of Guantity and Guality Alembang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Demand In Industries - In Terms Of Guantity & Guality 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 The Proposed Construction Of The Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000		Raub, Pahang	Shamsudin	Bhd.	
at Kuala Sungai Baru Waters, District of Alor Gajah Malacca (Kajian Terpeinci Penilaian Kesan Alam Sekitar bagi Projek Perlombongan Bijih Timah di Perairan Kuala Sungai Baru, Daerah Alor Gajah Melaka) 10 Desktop Study on River Buffer Zone in Malaysia: Policy by Laws and Incentives 11 Study on The Potential of Rainwater Utilisation in Supplementing Water Demand in Industries - In Terms of Quantity and Quality 12 Disposal of Sediments and Deepening of Sg. Simping Kiri and all Related Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerje-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Utilisation in Supplementing Water Demand In Industries - In Terms Of Quantity & Quality 14 Hydrology and Soil Erosion Study For Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000	9	Detailed Environmental Impact	Prof. Dr. Zulkifli Yusop	Unit Perancang Ekonomi	1,200,000
of Alor Gajah Malacca (Kajian Terpeinci Penilaian Kesan Alam Sekitar bagi Projek Perlombongan Bijih Timah di Perairan Kuala Sungai Baru, Daerah Alor Gajah Melaka) 10 Desktop Study on River Buffer Zone in Malaysia : Policy by Laws and Incentives 11 Study on The Potential of Rainwater Utilisation in Supplementing Water Demand in Industries - In Terms of Quantity and Quality 12 Disposal of Sediments and Deepening of Sg. Simping Kiri and all Related Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Demand In Industries - In Terms Of Quantity & Quality 14 Hydrology and Soil Erosion Study For The Proposed Construction Of The Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia Akademi Sains Malaysia Asademi Sains Malaysia Adademi Sains Malaysia Asademi Sains Malaysia Adademi Sains Malaysia		Assessment - DEIA for Tin Ore Mining		Negeri Melaka	
Penilaian Kesan Alam Sekitar bagi Projek Perlombongan Bijih Timah di Perairan Kuala Sungai Baru, Daerah Alor Gajah Melaka) 10 Desktop Study on River Buffer Zone in Malaysia: Policy by Laws and Incentives 11 Study on The Potential of Rainwater Utilisation in Supplementing Water Demand in Industries - In Terms of Guantity and Guality 12 Disposal of Sediments and Deepening of Sg. Simping Kiri and all Related Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Prof. Dr. Zulkifli Yusop NAHRIM 236,162 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 The Proposed Construction Of The Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000		at Kuala Sungai Baru Waters, District			
Projek Perlombongan Bijih Timah di Perairan Kuala Sungai Baru, Daerah Alor Gajah Melaka) 10 Desktop Study on River Buffer Zone in Malaysia : Policy by Laws and Incentives 11 Study on The Potential of Rainwater Utilisation in Supplementing Water Demand in Industries - In Terms of Quantity and Quality 12 Disposal of Sediments and Deepening of Sq. Simping Kiri and all Related Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendelamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Demand In Industries - In Terms Of Quantity & Quality 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 The Proposed Construction Of The Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000		of Alor Gajah Malacca (Kajian Terpeinci			
Perairan Kuala Sungai Baru, Daerah Alor Gajah Melaka) 10 Desktop Study on River Buffer Zone in Malaysia : Policy by Laws and Incentives 11 Study on The Potential of Rainwater Prof. Dr. Zulkifli Yusop NAHRIM 236,162 Utilisation in Supplementing Water Demand in Industries - In Terms of Quantity and Quality 12 Disposal of Sediments and Deepening of Sg. Simping Kiri and all Related Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Demand in Industries - In Terms Of Quantity & Quality 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 The Proposed Construction Of The Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000		Penilaian Kesan Alam Sekitar bagi			
Alor Gajah Melaka) 10 Desktop Study on River Buffer Zone in Malaysia : Policy by Laws and Incentives 11 Study on The Potential of Rainwater Demand in Industries - In Terms of Guantity and Quality 12 Disposal of Sediments and Deepening of Sg. Simping Kiri and all Related Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Demand In Industries - In Terms Of Quantity & Demand In Industries - In Terms Of Quantity & Quality 14 Hydrology and Soil Erosion Study For The Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 The Proposed Construction Of The Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000		Projek Perlombongan Bijih Timah di			
10 Desktop Study on River Buffer Zone in Malaysia: Policy by Laws and Incentives 11 Study on The Potential of Rainwater Utilisation in Supplementing Water Demand in Industries - In Terms of Guantity and Guality 12 Disposal of Sediments and Deepening of Sg. Simping Kiri and all Related Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Demand In Industries - In Terms Of Guantity & Guality 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 The Proposed Construction Of The Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000		Perairan Kuala Sungai Baru, Daerah			
Malaysia : Policy by Laws and Incentives 11 Study on The Potential of Rainwater Prof. Dr. Zulkifli Yusop NAHRIM 236,162 Utilisation in Supplementing Water Demand in Industries - In Terms of Guantity and Guality 12 Disposal of Sediments and Deepening of Sg. Simping Kiri and all Related Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Prof. Dr. Zulkifli Yusop NAHRIM 236,162 Utilisation In Supplementing Water Demand In Industries - In Terms Of Guantity & Quality 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 The Proposed Construction Of The Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000					
11 Study on The Potential of Rainwater Utilisation in Supplementing Water Demand in Industries - In Terms of Quantity and Quality 12 Disposal of Sediments and Deepening of Sg. Simping Kiri and all Related Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Demand In Industries - In Terms Of Quantity & Quality 14 Hydrology and Soil Erosion Study For The Proposed Construction Of The Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop NAHRIM 236,162 NAHRIM 236,16	10		Prof. Dr. Zulkifli Yusop	NAHRIM	52,773
Utilisation in Supplementing Water Demand in Industries - In Terms of Quantity and Quality 12 Disposal of Sediments and Deepening of Sg. Simping Kiri and all Related Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Demand In Industries - In Terms Of Quantity & Quality 14 Hydrology and Soil Erosion Study For The Proposed Construction Of The Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study 16 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Hati Muda Sdn. Bhd. 103,194 Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Brd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Brd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Brd. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. 103,194 Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. 103,194 As					
Demand in Industries - In Terms of Quantity and Quality 12 Disposal of Sediments and Deepening of Sg. Simping Kiri and all Related Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Demand In Industries - In Terms Of Quantity & Quality 14 Hydrology and Soil Erosion Study For The Proposed Construction Of The Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000	11	•	Prof. Dr. Zulkifli Yusop	NAHRIM	236,162
Guantity and Guality 12 Disposal of Sediments and Deepening of Sg. Simping Kiri and all Related Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Demand In Industries – In Terms Of Guantity & Guality 14 Hydrology and Soil Erosion Study For The Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 Hydrology and Soil Erosion Study For The Proposed Construction Of The Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000					
12 Disposal of Sediments and Deepening of Assoc Prof. Dr. Abdull Rahim Hati Muda Sdn. Bhd. Sg. Simping Kiri and all Related Works Mohd Yusoffop in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Prof. Dr. Zulkifli Yusop NAHRIM 236,162 Utilisation In Supplementing Water Demand In Industries – In Terms Of Guantity & Guality 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 The Proposed Construction Of The Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000					
Sg. Simping Kiri and all Related Works in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Demand In Industries – In Terms Of Quantity & Quality 14 Hydrology and Soil Erosion Study For The Proposed Construction Of The Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000		Quantity and Quality			
in the District of Batu Pahat (Projek Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Prof. Dr. Zulkifli Yusop NAHRIM 236,162 Utilisation In Supplementing Water Demand In Industries – In Terms Of Quantity & Quality 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 The Proposed Construction Of The Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000	12			Hati Muda Sdn. Bhd.	103,194
Membuang Kelodak dan Mendalamkan Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Prof. Dr. Zulkifli Yusop NAHRIM 236,162 Utilisation In Supplementing Water Demand In Industries – In Terms Of Quantity & Quality 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 The Proposed Construction Of The Bhd (ASMA) Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000			Mohd Yusoffop		
Sg. Simpang Kiri serta Kerja-kerja lain yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Prof. Dr. Zulkifli Yusop NAHRIM 236,162 Utilisation In Supplementing Water Demand In Industries – In Terms Of Quantity & Quality 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 The Proposed Construction Of The Bhd (ASMA) Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000		•			
yang Berkaitan di Daerah Batu Pahat) 13 Study On The Potential Of Rainwater Prof. Dr. Zulkifli Yusop NAHRIM 236,162 Utilisation In Supplementing Water Demand In Industries – In Terms Of Quantity & Quality 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 The Proposed Construction Of The Bhd (ASMA) Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000		_			
13 Study On The Potential Of Rainwater Prof. Dr. Zulkifli Yusop NAHRIM 236,162 Utilisation In Supplementing Water Demand In Industries – In Terms Of Quantity & Quality 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 The Proposed Construction Of The Bhd (ASMA) Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000					
Utilisation In Supplementing Water Demand In Industries – In Terms Of Quantity & Quality 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 The Proposed Construction Of The Bhd (ASMA) Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000					
Demand In Industries – In Terms Of Quantity & Quality 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 The Proposed Construction Of The Bhd (ASMA) Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000	13	•	Prof. Dr. Zulkifli Yusop	NAHRIM	236,162
Quantity & Quality 14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 The Proposed Construction Of The Bhd (ASMA) Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000					
14 Hydrology and Soil Erosion Study For Prof. Dr. Zulkifli Yusop Alam Sekitar Malaysia Sdn 31,241 The Proposed Construction Of The Bhd (ASMA) Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000					
The Proposed Construction Of The Bhd (ASMA) Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000					
Universiti Malaysia Kelantan, Bachok Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000	14		Prof. Dr. Zulkifli Yusop	•	31,241
Campus 15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000		•		Bhd (ASMA)	
15 Mega Science Project From Work Study Prof. Dr. Zulkifli Yusop Akademi Sains Malaysia 300,000		•			
For Sustainability National Development	15	-	Prof. Dr. Zulkifli Yusop	Akademi Sains Malaysia	300,000
		For Sustainability National Development			









Synthetic wastewater (a) before and (b) after treatment

Continuing Education

IPASA also conduct courses and in-service training for public and private sectors. Among the courses and training conducted includes:

- Advanced wastewater treatment
- Industrial air pollution control
- Clean technology for industrial applications
- Medical waste management
- Sludge management
- Environmental risk assessment
- Solid and hazardous waste management
- Environmental instrument analysis
- Membrane technology for environmental control
- Water quality laboratory practices

in Table 3.

- Sewer:- Physical, chemical and biological reactor
- Cleaner production practices







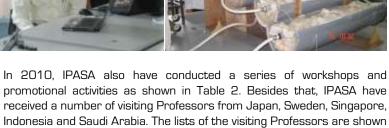




TABLE 2: WORKSHOP / PROMOTION ACTIVITIES (2010)

NO	NAME OF PROGRAMME	DATE	VENUE
1	Automation of Water and Wastewater	4 March 2010	Best Western Seri Pacific, Kuala
	System		Lumpur
2	Workshop on "How to Write Journal	5 - 9 March 2010	Pusat Latihan UTM, Kolej 17
	Paper?" for Water Research Alliance		
3	Strategic Planning and Team Building	22 - 24 Dec 2010	A'Famosa Resort Melaka
	IPASA 2010		
4	Join as Exhibitor during Merdeka Award	9 February 2010	UTM International Campus
	Lecture Series		
5	Road Tour to Japan during Global	9 - 14 May 2010	Nagoya Institute of Technology
	Outreach Program		(NIT) & Osaka Sangyo University
6	As Invited Exhibitor during "Pesta Sungai	22 June 2010	Dataran Sungai Melaka
	Melaka"		
7	As Invited Exhibitor at "National	23 - 24 June 2010	UTHM, Batu Pahat, Johor
	Conference on Hydrology and		
	Environmental 2010 (HIDRAS 2010)"		
8	Road Tour to Bandung and Jakarta	25 - 31 July 2010	Institut Teknologi Bandung &
	during Global Outreach Program		Universiti Indonesia
9	As Invited Exhibitor at "Water	4 - 10 October 2010	Tasik Putrajaya
	Awareness Programme in Conjuction		
	with Varsity Boat Race 2010"		

TABLE 3: VISITING PROFESSOR IPASA (2010)

NO	NAME OF VISITTING PROFESSOR	DATE	UNITVERSITY
1	Prof. Dr. Gustaf Olsson	18 February - 13 March	Lund University, Sweden
		2010	
2	Assoc. Prof. Dr. Karin Jonsson	19 February - 11	Lund University, Sweden
		March 2010	
3	Prof. Dr. David Stuckey	1- 4 March 2010	Imperial College, London
4	Prof. Dr. Yoshihisa Shimizu	14 - 16 March 2010	Kyoto University, Japan
5	Prof. Habib Rahman (U.S) and Dr. Aouda	25 May 2010	Taibah University
	Al Johani		
6	Prof. Dr. Masao Tamada	8 June 2010	Japan Atomic Energy Agency,
			Japan
7	Dr. Mas Agus Mardyanto	20 June – 10 July	Institut Teknologi Sepuluh
		2010	Nopember (ITS)
8	Dr. Mustafa M. Bob	10 – 24 July 2010	University of Taibah, Saudi Arabia
9	Prof. Dr. Norio Tase	20 - 26 September	University of Tsukuba, Japan
		2010	
10	Assoc. Dr. Alan D. Ziegler	19 October 2010	University National Singapore
11	Professor Brian Shutes	28 - 31 Dec 2010	University of London, UK



AWARDS AND CONFERENCES

Apart from workshops, IPASA has also organized local and international seminars. One international Seminar titled "The 1st IWA Young Water Professional Conference 2010" was successfully joint organized with the IWA which was held at PWTC on 2-4th March. Regarding awards, IPASA managed to obtain gold and a silver medal in MTE competition. These awards were won by Prof Dr. Ani Idris. At the University level, IPASA managed to secure silver and a bronze medal. The list of seminars organized by IPASA and awards received by the members are shown in Table 4 and Table $\tilde{\mathsf{5}}$.

TABLE 4: AWARDS (2010)

NO	PROJECT LEADER	DATE	UNITVERSITY	UNITVERSITY	UNITVERSITY
1	Prof. Dr. Ani Idris	MTE/ Malaysian	4-6 February 2010	EFBLaC	GOLD
		Association of Research			
		Scientists (MARS)			
2	Prof. Dr. Ani Idris	MTE/ Malaysian	4-6 February 2010	FERROPHOTO GEL	SILVER
		Association of Research		- Dual-Function	
		Scientists (MARS)		Photocatalyst Magnetic	
				Beads	
3	Dr. Khalida Muda	INATEX	5-7 August 2010	Hybrid Biogranular	SILVER
				System for Textile	
				Wastewater Treatment	
4	Prof. Dr. Zulkifli Yusop	INATEX	5-7 August 2010	An Automated Decision	BRONZE
				Support System For	
				Determining Optimum	
				Rain Gauge Network	

CONFERENCE / SEMINAR (2010)

NO	NAME OF PROGRAMME	DATE	VENUE	PRESENTERS	ORGANISED
1	Postgraduate Seminar on	20 January	Rumah Alumni,	 Dr. Raymond 	IPASA and
	WATER SUSTAINABILITY	2010	UTM	Venneker	WATER
				(UNESCO-IHE)	Research
				 Mr. Wong Chee 	Alliance UTM
				Loong_(UNESCO-IHE)	
				• IPASA's	
				Postgraduate	
				Students	
2	The 1st IWA Young Water	2-4 March	Best Western	International and	IPASA and
	Professional Conference	2010	Seri Pacific, Kuala	national presenters	WATER
	2010		Lumpur		Research
					Alliance UTM
3	Fate and Movement of	15 March 2010	IPASA Meeting	Prof. Yoshihisa Shimizu,	IPASA and
	dioxins in the Lake Biwa		Room, Block CO7,	Kyoto University, Japan	WATER
	Basin in Japan, and		Level 2		Research
	Integrated Lake Basin				Alliance UTM
	Management				
4	Summer Course 2009	31 May - 18	FKSG, UTM	Sustainable Production	IPASA and
	Sustainable Production:	June 2010		In Collaboration with:	WATER
	Improving Eco-efficiency			Denmark Technical	Research
				University, DTU	Alliance UTM



NO	NAME OF PROGRAMME	DATE	VENUE	PRESENTERS	ORGANISED
5	Treatment of Wastewater	8 June 2010	Bilik Jamuan, DSI	Prof. Dr. Masao	IPASA and
	using Electron Beam and			Tamada, Japan Atomic	WATER
	Radiation Grafted Ion			Energy Agency, Japan	Research
	Exchange Materials				Alliance UTM
6	Summer Course 2010	21 June – 9 July	FKA, UTM	In Collaboration with:	IPASA and
	Title: Managing Water	2010		Institut Teknologi	WATER
	Environment in tropical			Sepuluh Nopember,	Research
	Countries			ITS, Surabaya	Alliance UTM
7	Title: Study of Shallow Water	21 July 2010	IPASA Meeting	Dr. Mustafa Mohamed	IPASA and
	Table Rise Problem in Al-		Room, Block CO7,	Bob, Taibah University	WATER
	Madinah Al-Munawwarah		Level 2		Research
					Alliance UTM
8	Topic: The potential of	6 August 2010	IPASA Meeting	Dr. Paul J. Sallis (New	IPASA and
	Anaerobic Digestion in		Room, Block CO7,	Castle University)	WATER
	Future Global Energy Supply		Level 2		Research
					Alliance UTM
9	Water Awareness	4 - 10 October	Tasik Putrajaya,	 Prof. Dr. Zilkifli Yusop 	IPASA and
	Programme in Conjuction	2010	Putrajaya	 Assoc. Prof. Dr. 	WATER
	with Varsity Boat Race			Abdull Rahim	Research
	2010			Mohd Yusoff	Alliance UTM
				 Assoc. Prof. Dr. Azmi 	
				Aris	
				 Dr. Shamila Azman 	
				Dr. Salmiati	
10	ITS-UTM International	8 - 10 December	Institut Teknologi	IPASA's	IPASA and
	Conference 2010 on	2010	Sepuluh	Postgraduate	WATER
	Sustainable Urban		Nopember,	Students	Research
	Environment		Surabaya (ITS),		Alliance UTM
			Indonesia		
11	Integrated Urban	30 December	IPASA Meeting	Prof. Brian Shutes,	IPASA and
	Management	2010	Room, Block CO7,	University of London,	WATER
			Level 2	UK	Research
					Alliance UTM

