



CURRICULUM VITAE

A. BUTIR-BUTIR PERIBADI (Personal Details)			
Nama Penuh (<i>Full Name</i>)	MOHAMED ZAKARIA HUSSIN		Gelaran (<i>Title</i>): Prof. Dr.
No. MyKad / No. Pasport (<i>Mykad No. / Passport No.</i>)	Warganegara (<i>Citizenship</i>) Malaysia	Bangsa (<i>Race</i>) Melayu	Jantina (<i>Gender</i>) Lelaki
Jawatan (<i>Designation</i>)	Dekan, Fakulti Perhutanan, UPM	Tarikh Lahir (<i>Date of Birth</i>)	
Alamat Semasa (<i>Current Address</i>)	Jabatan/Fakulti (<i>Department/Faculty</i>)		E-mel dan URL (<i>E-mail Address and URL</i>)
Fakulti Perhutanan Universiti Putra Malaysia Serdang Tel: 03-89467171 Fax: 03-89432514 H/P: 019-2690355	Pengurusan Hutan		E-mail: mzakaria@upm.edu.my URL: www.forr.upm.edu.my

B. KELAYAKAN AKADEMIK (Academic Qualification)			
Nama Sijil / Kelayakan (<i>Certificate / Qualification obtained</i>)	Nama Sekolah Institusi (<i>Name of School / Institution</i>)	Tahun (<i>Year obtained</i>)	Bidang pengkhususan (<i>Area of Specialization</i>)
B.Sc.	University of Nebraska, Lincoln, USA	1985	Life Sciences
M.Sc.	University of Illinois, Urbana-Champaign, USA	1987	Zoology/Ecology
Ph.D	Universiti Kebangsaan Malaysia, Bangi, MALAYSIA	1994	Wildlife Management

C. KEMAHIRAN BAHASA (Language Proficiency)					
Bahasa / <i>Language</i>	Lemah <i>Poor (1)</i>	Sederhana <i>Moderate (2)</i>	Baik <i>Good (3)</i>	Amat Baik <i>Very good (4)</i>	Cemerlang <i>Excellent (5)</i>
English					5
Bahasa Melayu					5
Chinese					
Lain-lain (<i>other</i>):					

D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN (Scientific experience and Specialisation)				
<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>	<i>Expertise</i>
University of Illinois, Urbana-Champaign, USA	Teaching Assistant at the Life Sciences Faculty	August 1986	April 1987	Wildlife Ecology
University of Illinois, Urbana Champaign, USA	Research Assistant at the Department of Illinois Natural History Survey	August 1987	April 1988	Wildlife Ecology
Universiti Kebangsaan Malaysia, Bangi	Associate Fellow at the Institute of Development and Environment (LESTARI),	June 1999	Present Date	Wildlife Ecology
International Ornithological Union	Regional Fellow	2008	Present Date	Ornithology
Asia Pacific Forestry Network (APFNet)	Co-Chair to the Steering Committee of the Asia-Pacific Forestry Education Coordination Mechanism in the Asia Pacific Forestry Network	2015	Present Date	Forestry Education
Asia Pacific Forestry Research Institute (APAFRI)	Executive Member	2015	2018	Forestry Research

E. PEKERJAAN (Employment)				
<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>	<i>Expertise</i>
University of Illinois, Urbana-Champaign, USA	Teaching Assistant at the Life Sciences Faculty	August 1986	April 1987	Wildlife Ecology
University of Illinois, Urbana Champaign, USA	Research Assistant at the Department of Illinois Natural History Survey	August 1987	April 1988	Wildlife Ecology
Faculty of Forestry, UPM	Tutor	April 1989	February 1994	Wildlife Management
Faculty of Forestry, UPM	Lecturer	February 1994 –	Present Date	Wildlife Management
Universiti Putra Malaysia	College Master, Canselor College	November 1999	Mac 2003	Student Development
UPM Bintulu Campus, Sarawak	Director, Student Affairs	April 2003	May 2004	Student Development
Universiti Putra Malaysia	College Master, 13 th College	January 2005	July 2007	Student Development

Universiti Putra Malaysia	Deputy Dean (Research and Innovation), Faculty of Forestry	July 2007	April 2014	Forestry Research
Universiti Putra Malaysia	Dean, Faculty of Forestry	May 2014	Present date	Faculty Development

F. ANUGERAH DAN HADIAH (Honours and Awards)				
<i>Name of awards</i>	<i>Title</i>	<i>Award Authority</i>	<i>Award Type</i>	<i>Year</i>
<i>Academic Awards</i>	Research Awards	Regional Fellow, International Ornithological Union	<i>International</i>	2006
		Malaysian Nature Society Gold Medal (Tan Teck Guan Gold Medal) in 1997 for best research in wildlife management	<i>National</i>	1997
		Appointed as Associate Fellow, Institute of Environment and Development (LESTARI), Universiti Kebangsaan Malaysia	<i>National</i>	1992
		Royal Society London Research Fund in 1992 to conduct research on wildlife (£10,000)	<i>International</i>	1992
<i>Non-Academic Awards</i>	Scholarship	Public Service Department Scholarship, 1981-1982, to pursue Diploma in English at Doane College, Crete, Nebraska	<i>National</i>	1981-1982
		Public Service Department Scholarship, 1982-1985, to pursue B.Sc. in Life Sciences at University of Nebraska, Lincoln, USA		1982-1985 1986-1987
		Public Service Department Scholarship, 1986-1987, to pursue M.Sc. in Zoology at University of Illinois, Urbana-Champaign, USA		1990-1994
		Public Service Department Scholarship, 1990-1994, to pursue Ph.D in Wildlife Management at Universiti Kebangsaan Malaysia, Bangi		
<i>Awards of Merit</i>		Royal Society London Travel Fund in 1998 (£3,000) to visit Centre of Excellence on Wildlife Research in Manchester Metropolitan University, UK	<i>International</i>	1998
		Royal Society London Travel Fund in 1998 ((£3,000) to attend Advance Training Workshop on Wildlife Census Techniques at University of St. Andrews, UK	<i>International</i>	1998
		University Excellent Service Award	<i>University</i>	1999, 2004, 2009, 2014

G. SENARAI PENERBITAN JURNAL (2008-2016)
Badrul, A., Zakaria, M. , Ebil Yusof and Puan, C.L.. 2008. The feasibility of using line-transect-based distance sampling to survey Red Junglefowl (<i>Gallus gallus spadiceus</i>) in Peninsular Malaysia. <i>Malaysian Forester</i> 71(1):77-90.
Zakaria, M. and R. Zamri. 2008. Immediate effects of selective logging on the feeding guild of understorey bird species composition in Peninsular Malaysia. <i>Malaysian Forester</i> 71(2):139-151.

Badrul A., Zakaria, M. Ebil Yusof and Puan, C.L. 2008. Efficiency of fixed-width transect and line-transect-based distance sampling to survey Red Junglefowl (<i>Gallus gallus spadiceus</i>) in Peninsular Malaysia. <i>Journal of Sustainable Development</i> 1(2):63-73.
Badrul A., Zakaria, M. Ebil Yusof and Puan, C.L. 2008. Using deterministic sustainability indices for harvesting Red Junglefowl, <i>Gallus gallus spadiceus</i> (Linnaeus) in Peninsular Malaysia. <i>Malaysian Forester</i> 71(2):159-171.
Moradi, H.V., Zakaria, M. , and Zamri, R. 2008. Comparison of bird species composition in relation to different disturbance level in a Tropical Lowland Rain Forest in Peninsular Malaysia. <i>Malaysian Forester</i> 71(2):173-186.
Moradi, H.V. and Zakaria, M. 2009. Insectivorous bird community changes along an edge-interior gradient in an isolated tropical rainforest in Peninsular Malaysia. <i>Malayan Nature Journal</i> 61(1):48-66
Moradi, H.V. , Zakaria, M. , Abdullah M. and Yusof, E. 2009. Insectivorous birds and environmental factors across an edge-interior gradient in tropical rainforest of Malaysia. <i>International Journal of Zoological Research</i> 5(1):27-41.
Zakaria, M. , Rajpar, M.N. and Sajap, A.S. 2009. Species diversity and feeding guilds of birds in Paya Indah Wetland Reserve, Peninsular Malaysia. <i>International Journal of Zoological Research</i> 5(3):86-100.
Arshad, M.I. and Zakaria, M. 2009. Roosting habits of Red Junglefowl in orchard area. <i>Pak. J. Life Soc. Sci.</i> 7(1):86-89.
Moradi, H.V., Zakaria, M. and Rosli, Z. 2009. Edge responses of birds in an isolated lowland tropical rainforest in Peninsular Malaysia. <i>Malaysian Forester</i> 72 (2):225-245.
Daud, D., Mohd, A., Zakaria, M. and Mariapan, M. 2009. Visitors-wildlife interactive activity towards sustainability of wildlife tourism in National Elephant Conservation Centre, Pahang. <i>Malaysian Forester</i> 72 (2):141-154.
Moradi, H.V. and Zakaria, M. 2009. Host-brood parasite community changes across an edge-interior gradient in a tropical rainforest at Ayer Hitam Forest Reserve, Malaysia. <i>Malayan Nature Journal</i> 61(2):191-208.
Moradi, H.V. and Zakaria, M. 2010. The responses of Babblers (Timaliidae) to the forest edge-interior gradient in an isolated tropical rainforest in Peninsular Malaysia. <i>Journal of Tropical Forest Science</i> 22(1):36-48.
Zakaria, M. and Rajpar, M.N. 2010. Bird Species Composition and Feeding Guilds Based on Point Count and Mist Netting Methods at The Paya Indah Wetland Reserve, Peninsular Malaysia. <i>Tropical Life Sciences Research</i> 21(2):7-26.
Ghasemi, S., Zakaria, M. , Abdul-Hamid, H., Yusof, E., Danehkar, A. and Rajpar, M.N. 2010. A review of mangrove value and conservation strategy by local communities in Hormozgan Province, Iran. <i>Journal of American Science</i> 6(10):329-338.
Rajpar, M.N. and Zakaria, M. 2010. Density and diversity of water birds and terrestrial birds at Paya Indah Wetland Reserve, Selangor Peninsular Malaysia. <i>J. Biol. Sci.</i> 22(2):1- 9.
Hassan, S., Mohd. A, Mariapan, M. and Husin, M.Z. Segmentation of nature tourists through motivation of travel to Kuala Gandah National Elephant Conservation Centre. <i>Malaysian Forester</i> 73(1):7-15.
Ghasemi S. and Zakaria M. 2011. Relative abundance and diversity of waterbirds in <i>Rhizophora</i> mangrove forest in Iran. <i>Asia Life Sciences</i> 20(1):215-237.
Sanei A., Zakaria, M. , Yusof E. and Mohamad, R. 2011. Estimation of leopard population size in a secondary forest within Malaysia's capital agglomeration using unsupervised classification of pugmarks. <i>Tropical Ecology</i> 52(2):209-217.
Ghasemi S., Zakaria M. , A.H. Hazandy, E. Yusof, N. Mola Hoveizeh and A. Danehkar. 2011. Physico-chemical factors in the <i>Avicennia</i> and <i>Rhizophora</i> mangrove habitats in Iran. <i>Asia Life Sciences</i> 20 (2):503-520.
Chong Leong ,P., Anne W. Goldizen, Zakaria M. , Mohd H. Hafidzi, Greg S. Baxter. 2011. Absence of Differential Predation on Rats by Malaysian Barn Owls in Oil Palm Plantations. <i>J. Raptor Research</i> 45(1):71-78.
Mohammad Irshad A. and Zakaria M. 2011. Variation in Home Range Size Exhibited by Red Junglefowl (<i>Gallus gallus spadiceus</i>) in Oil Palm Plantation Habitat, Malaysia. <i>Pakistan J. Zool</i> 43(5):833-840.
C.L. Puan, A.W. Goldizen, M. Zakaria , G.S. Baxter. 2011. Understanding of relationships between ground cover and rat abundances: An integrative approach for management of the oil palm agroecosystem. <i>Crop Protection</i> 30:1263-1268.
Rajpar M.N. and Zakaria M. 2011. Effects of Water Level Fluctuation on Waterbirds Distribution and Aquatic Vegetation Composition at Natural Wetland Reserve, Peninsular Malaysia. <i>ISRN Ecology</i> 2011:1-13.

Zakaria, M. and Sanei A. 2011. Conservation and management prospects of the Persian and Malayan leopards. <i>Asia Life Sciences</i> 7:1-5.
Sanei A. and Zakaria, M. 2011. Impacts of human disturbances on habitat use by the Malayan leopard in a fragmented secondary forest, Malaysia. <i>Asia Life Sciences</i> 7:57-72.
Sanei A. and Zakaria, M. 2011. Occupancy status of Malayan leopard prey species in a fragmented forest in Selangor, Malaysia. <i>Asia Life Sciences</i> 7:41-45.
Sanei A. and Zakaria, M. 2011. Survival of the Persian leopard (<i>Panthera pardus saxicolor</i>) in Iran: Primary threats and human-leopard conflicts. <i>Asia Life Sciences</i> 7:31-39.
Sanei A., Zakaria, M. and Hermidas S. 2011. Prey composition in the Persian leopard distribution range in Iran. <i>Asia Life Sciences</i> 7:19-30.
Sanei A. and Zakaria, M. 2011. Distribution pattern of the Persian leopard (<i>Panthera pardus saxicolor</i>) in Iran. <i>Asia Life Sciences</i> 7:7-18.
Hosseini Tayefeh F., Zakaria M. , Amini H., Ghasemi S. & Ghasemi M. 2011. Breeding Waterbird Populations of the Islands of the Northern Persian Gulf, Iran. <i>West & Central Asian Ornithological Journal</i> 6(1):49-58.
Muhammad Nawaz R. and Zakaria M. 2011. Bird Species Abundance and their Correlation with Microclimate and Habitat Variables at natural Wetland Reserve, Peninsular Malaysia. <i>International Journal of Zoology</i> 2011:1-17.
Azhar B., Lindenmayer D.B., Wood J., Fisher J., Manning A., McElhinny C. and Zakaria M. 2011. The conservation value of oil palm plantation estates, smallholdings and logged peat swamp forest for birds. <i>Forest Ecology and Management</i> 262(12):2306-2315.
Zamri R. and Zakaria, M. 2011. Response of upperstorey bird composition at different distances from forest edge to interior forest. <i>J. Natural & Environmental Sciences</i> 2(2):12-18.
Hosseini Tayefeh F., Zakaria, M. , Amini H., Ghasemi S. and Ghasemi M.. 2011. Breeding waterbird populations of the Islands of the Northern Persian Gulf, Iran. <i>Podoces</i> 6(1):49-58.
Zamri R., Zakaria, M. Abdullah M., Yusuf E., James G. and Khairulmazmi A. 2012. Response of upperstorey birds to the environmental variables at different distances from the edge of an isolated forest reserve in Malaysia. <i>Asia Life Sciences</i> 21(1):65-84.
Asrulsani Jambari, Badrul Azhar, Nor Laili Ibrahim, Syari Jamian, Arnina Hussin, Chong Leong Puan, Hafidzi Mohd. Noor, Ebil Yusof And Mohamed Zakaria . 2012. Avian biodiversity and conservation in Malaysian oil palm production areas. <i>J. of Oil Palm Research</i> 24:1277-1286.
Norfahiah, M., Azema, I., Marina, M.T., and Zakaria, M. 2012. Status and distribution of non-volant small mammals in Universiti Putra Malaysia, Bintulu Sarawak Campus (UPMKB). <i>Pertanika J. Trop. Agric. Sci.</i> 35(2):363-369.
Muhammd Nawaz, R. and Zakaria, M. 2012. Avian community parameters of a freshwater wetland ecosystem in Peninsular Malaysia. 2012. <i>Asia Life Sci.</i> 21(2):409-428.
Farhad Hosseini Tayefeh, Mohamed Zakaria , Hamid Amini, Daryoush Khodadoust, Khosrow Darvishi, ZahrahvElahi-Rad and Saber Ghasemi. 2013. Recoveries of ringed terns in the Northern Persian Gulf, Iran. <i>Podoces</i> 7(1/2): 33-37.
Badrul Azhar, David B. Lindenmayer, Jeff Wood, Joern Fischer, Adrian Manning, Chris Mcelhinny and Mohamed Zakaria . 2013. The influence of agricultural system, stand structural complexity and landscape context on foraging birds in oil palm landscapes. <i>IBIS</i> 155: 297-312.
Zakaria, M. and Rajpar, M. N. 2013. Density and diversity of waterbirds and terrestrial birds in artificial wetland. <i>Journal Sains Malaysiana</i> 42(10): 1483-1492.
Rajpar, M. N. and M. Zakaria . 2013. Avian density in different habitat types at Paya Indah Natural Wetland Reserve, Peninsular Malaysia. <i>Journal of Animal Plant and Sciences</i> 23(4): 1019-1033.
Rajpar, M. N. and M. Zakaria . 2013. Assessing an artificial wetland in Putrajaya, Malaysia, as an alternate habitat for waterbirds. <i>Waterbirds</i> 36(4):482-493.
Rajpar M.N. and Zakaria M. 2013. Artificial wetlands as alternative habitats for avian assemblages. <i>Waterbirds</i> 36(4):482-493.
Ghasemi, S., Mola, N. and Zakaria, M. 2013. Aboveground biomass, litterfall and forest structure in the mangroves of Hormozgan Province, Iran. <i>Nature Area Journal</i> 33(3):339-343.

Bing, D.Y., Rajpar, M.N. and **Zakaria, M.** 2013. Avian richness and habitat characteristics in primary and logged hill dipterocarp tropical rainforest of Peninsular Malaysia. *Malayan Nature Journal* 65(4):300-316.

Lim, E.A.L., Mariapan, M., Su Ming, Yvonne Ang, Abi, J., Aziz, A. and **Zakaria, M.** 2013. Rural students' attitudes toward the Malayan Tapir. *Human Dimensions of Wildlife* 18:469-470.

Arshad, M.I. and **Zakaria, M.** 2013. Effects of arthropods abundance on the Red Junglefowl population in oil palm plantation habitat. *Pak. J. Sci. Ind. Ser. : Biol. Sci.* 56(3):164-166.

Tayefeh, F.H., **Zakaria, M.**, De Marchi, G., Amini, H., Moradi, A., Ahmadpour, P. and Ghasemi, S. 2013. Breeding biology of the crab plover (*Dromas ardeola*) on the Mond Islands, Northern Persian Gulf, Iran. *Waterbirds* 36(4):448-462.

Mohamed Zakaria, Muhammad Nawaz Rajpar, Hossein Varasteh. 2014. Comparison of understorey bird species in relation to edge-interior gradient in an isolated tropical rainforest of Malaysia. *Environment, Development and Sustainability* 16(2):375-392.

Zakaria, M. and Rajpar, M. N. 2014. Assessing the habitat suitability of two different artificial wetland habitats using avian community structures. *American Journal of Applied Sciences* 11(8):1321-1331.

Rajpar, M. N. and **M. Zakaria.** 2014. Assessing the effects of logging activities on avian richness and diversity in different aged post-harvested hill dipterocarp tropical rainforest of Malaysia. *American Journal of Applied Sciences* 11(9):1519-1529.

Salari, A, **Zakaria, M.** Nielson, C.C. and Boyce, M.S. 2014. Quantifying tropical wetlands using field surveys, spatial statistics and remote sensing. *Wetlands* 34:565-574.

Syahr, A.A.G., **Zakaria, M.**, Zuki, A.B.Z., Lokman H.I. and Mazlina, M. 2014. The existence of Red Junglefowls (*Gallus gallus*) in oil palm plantations in selected states in Malaysia and their morphological characteristics. *Jurnal Veterinar Malaysia* 26 (1&2):38-40.

Tayefeh, F.H., **Zakaria, M.**, Amini, H., Mohammadnejad, J., Darvishi, K. and Karami, S. 2014. Dietary segregation between breeding tern species on the Persian Gulf Islands, Iran. *Waterbirds* 37(2):307-318.

Rajpar, M. N. and **M. Zakaria.** 2014. Effects of habitat characteristics on waterbird distribution and richness in wetland ecosystem of Malaysia. *Journal of Wildlife and Parks* 28:105-120.

Zakaria, M. and Rajpar M.N. 2015. Effects of logging and recovery process on avian richness and diversity in hill dipterocarp tropical rainforest-Malaysia. *Journal of Environmental Biol.* 36:121-127.

Zakaria, M. and Rajpar M.N. 2015. Assessing the fauna diversity of Marudu Bay Mangrove Forest, Sabah, Malaysia, for future conservation. *Diversity* 7:137-148.

Rajpar, M. N. and **M. Zakaria.** 2015. Bird abundance and its relationship with microclimate and habitat variables in open-area and shrub habitats in Selangor, Peninsular Malaysia. *Journal of Animal & Plant Sciences* 25(1)114-124.

Styring, A.R., Ragai, R., **Zakaria, M.** And Sheldon, FH. 2016. Foraging ecology and occurrence of seven sympatric babbler species (Timaliidae) in the lowland rainforest of Borneo and peninsular Malaysia. *Current Zoology* 62 (online).

H. SENARAI PENERBITAN BUKU			
Name of Author(s)	Year Published	Title	Publisher
Zakaria M. , C.L. Puan and C.A. Yeap	2008	A photographic guide to birds of Ayer Hitam Forest, Reserve, Selangor	UPM Press (ISBN: 978-967-5026-42-3)
Mohamed Zakaria Hussin and Muhammad Nawaz Rajpar	2014	Birds of wetlands in Peninsular Malaysia	UPM Press (ISBN: 978-967-344-414-4)
Zamri Rosli and Mohamed Zakaria Hussin	2014	Bird communities in Tropical Rain Forest	Lap Lambert Academic Publishing (ISBN: 978-3-659-37588-0)

I. SENARAI PENERBITAN BAB BUKU

Name of Author(s)	Year Published	Title	Publisher
Mohd Nordin Hj. Hasan and Mohamed Zakaria Hussin	1996	Some Effects of Logging in Mixed Lowland Dipterocarp Forests on Birds	Institute for Environment & Development (LESTARI) UKM
Mohamed Zakaria Bin Hussin and Charles M. Francis	2001	The effects of Logging on Birds in Tropical Forests of Indo-Australia	Columbia University Press, New York
Mohamed Zakaria Husin	2002	Pembalakan dan Pemuliharaan Hidupan Liar : Satu Cabaran	Institute for Environment & Development (LESTARI) UKM
Puan, L., Zakaria, M. , Awang Noor, A. G. & Abdullah, M	2006	Conservation Value of Highland Protected Area : The Case of Fraser's Hill, Malaysia	Jabatan PERHILITAN
Mohamed Zakaria Hussin	2012	Birds of Mangrove Forest	UPM Press (ISBN: 978-967-344-281-2)
Rajpar, M.N. and Zakaria, M.	2013	Mangrove Fauna of Asia. In: Mangrove Ecosystems of Asia, Status, Challenges and Management Strategies.	Springer Science + Business Media Ltd. ISBN: 978-1-4614-8581-0. Pp. 500
Mohamed Zakaria Hussin and Muhammad Nawaz Rajpar	2014	Forest Fauna	UPM Press (ISBN: 978-967-344-391-8)
Mohamed Zakaria Hussin	2015	Fauna	Jabatan Perhutanan Negeri Kedah (ISBN: 9789670539188)
Rajpar, M.N. and Zakaria, M.	2015	The effects of climate change on avian diversity in high altitude wetland habitats	Springer Science + Business Media Ltd. ISBN: 978-3-319-12858-0. Pp. 239

<i>J. SENARAI PROJEK PENYELIDIKAN</i>				
<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
Effects of Normal and Supervised Logging on Birds	Project Leader	1996-1999		Completed
Fauna Conservation and Recovery in Logged Forest.	Project Leader	1997-2001	IRPA	Completed
Economic Valuation of Forest Goods and Services	Project Leader	1996-1999	IRPA	Completed
Management and Assessment of Malaysia Biodiversity	Project Leader	1997-2000	IRPA	Completed
Ecological Study of Red Junglefowl (<i>Gallus gallus</i>) in Selangor, Malaysia	Project Leader	1997-1999	Seed Money, UPM	Completed
Effects of Normal and Supervised Logging on Birds at Ulu Muda Forest Reserve, Baling Kedah	Project Leader	2000-2004	IPS	Completed
Limit Acceptable Change Study on Impacts of Visitor on Wildlife	Research m	2000-2002	PERHILITAN	Completed
Forest Concession Policy in Malaysia	Research member	1999-2002	IRPA	Completed
Economic Valuation and Accounting of Forest Resources in Malaysia	Research team	2000-2003	IRPA	Completed
Understorey bird species as health indicator of forest ecosystem	Research Leader	Jan. 2002-Aug 2005	IRPA	Completed
Effects of Distance from Forest Edge on Bird Populations in an Isolated Forest	Project Leader	2007-2009	RUGS	Completed

Ecological study (<i>Panthera pardus</i>) using radio telemetry in Krau Wildlife Reserve, Pahang	Project Leader	2007-2009	RUGS	Completed
Assessment of avifauna population and habitat in freshwater wetland ecosystem	Project Leader	2007-2009	FRGS	Completed
A biodiversity approach for assessing the impacts of activities in mountain forest of Peninsular Malaysia	Research Team	2007-2009	RUGS	Completed
Babbler (Timaliidae) and Bulbul (Pycnonotidae) species as Bio-indicators of forest condition	Project Leader	2009-2011	Science fund	Completed
Environmental factors affecting species diversity, occupancy, population density and abundance of wildlife on palm oil plantations: Towards sustainable agriculture	Project Leader	2009-2011	FRGS	Completed
Enhancement of ecosystem and socio-economy of local community through mangrove resource management in Marudu Bay	Research Team	2009-2011	NOD	Completed
Avian ecology in natural and artificial wetland habitats	Project Leader	2011-2013	RU	Completed
Economic Valuation of Mangrove Forest and Its Implications to Coastal Community	Project Leader	2011-2014	Science fund	Completed
Avian community structures in different ecological characteristics of mangrove habitats in malaysia	Project Leader	2013-2016	FRGS	On-going
A study on insectivorous bird populations in oil palm plantations	Project Leader	2015-2016	MPOB	On-going
Introducing sustainable & innovative green entrepreneurship by turning trash to cash through inclusive business for marine-based lodging enterprise (Borneo Jungle River Island Tours Sdn. Bhd.)	Research Team	2015-2017	KTP	On-going