

# **CURRICULUM VITAE**

**FARIDAH HANUM IBRAHIM**



**Faculty of Forestry  
Universiti Putra Malaysia  
Serdang**

December 2011

**DITERIMA**

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**AKADEMI SAINS MALAYSIA**



## **CURRICULUM VITAE**

1. **NAME:** FARIDAH HANUM IBRAHIM

2. **ADDRESS:** Dean

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Universiti Putra Malaysia (UPM)  
43400 UPM Serdang  
Selangor, MALAYSIA

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3. **FIELD OF SPECIALIZATION:** Botany (Plant Taxonomy)

4. **DATE OF BIRTH:** 8 January 1960

**AGE:** 51 years

5. **ACADEMIC QUALIFICATIONS:**

<b>Institution</b>	<b>Degree</b>	<b>Year</b>
University of Reading (England)	Ph.D. (Botany) - Plant Taxonomy	1989
Universiti Kebangsaan Malaysia, Bangi (Malaysia)	B.Sc.(Honours) - Botany	1984

6. **AWARDS AND FELLOWSHIPS:**

1. **Universiti Putra Malaysia Excellent Service Awards**

This award is given annually to only 5% of the staff for their excellent service to the university. I received this award twice for the years 2001 and 2009.

2. **Excellent Service Yearly Performance**

Staff whose yearly performance exceed 80% for a particular year. I have been in this category for 9 years since 1999.

3. **SEAMEO-BIOTROP Fellowship 1992**

I was awarded a one-month travel fellowship for the co-ordination of a post-doctoral training course for 30 ASEAN participants entitled 'Taxonomy for the

Inventory of Tropical Trees' at the South-East Asian Regional Centre for Tropical Biology (SEAMEO-BIOTROP) in Bogor, Indonesia.

4. **ARCBC Fellowship 2000**  
A travel fellowship that is awarded to scientific experts in the area of biodiversity conservation in the ASEAN countries by ASEAN Regional Centre on Biodiversity Conservation (ARCBC) based in Los Banos, Philippines. I was one of the two candidates chosen to represent Malaysia based on my active involvement at the international level with DANIDA, WWF, PROSEA, UNESCO, UNEP and UNDP for the conservation of biodiversity in Malaysia and South-East Asia.
5. **UPM Silver Jubilee Publication Award 2002**  
This award is given to an academic staff of the university for the most cited paper in 25 years (1977-2002) for three categories viz.: Physical Sciences, Biological Sciences and Agriculture, and Social Sciences. I was the recipient of the best paper award entitled 'Plant Diversity and Conservation Value of Ayer Hitam Forest, Selangor, Peninsular Malaysia' for the Biological Sciences and Agriculture Category.
6. **UPM Research and Development Exhibition 2001**  
Bronze Medal and Certificate for Excellent Research 2002 (Sampling species diversity in 5-ha of a logged-over forest at Ayer Hitam, Selangor).
7. **UPM Research and Development Exhibition 2002**  
Silver Medal and Certificate for Excellent Research 2002 (Economic valuation of forest goods and services).
8. **Foreign Specialist Fellowship 2003**  
A travel fellowship was awarded to foreign specialists who actively coordinated and collaborated in the tropical forest research in South-East Asia sponsored by Forest and Forest Products Research Institute (FFPRI), Tsukuba, Japan. I was one of the recipients of this award.
9. **UPM Research Awards 2002, 2003, 2005 & 2007**  
This award is given to researchers in the university annually for the following criteria: excellent research, research with potential commercial value, research with potential national and international recognition and/or with potential patents. I was one of the winners of these awards.
10. **Islamic Development Bank Fellowship 2008, 2009 & 2010**  
A travel fellowship which is awarded to recognized scientists in the Muslim countries by the Islamic Development Bank. I was the recent recipient of this award in the area of tropical botany.

## **7. ACADEMIC AND MANAGEMENT APPOINTMENTS**

### **a) Academic Posts**

- |    |  |                 |
|----|--|-----------------|
| 1. | Professor<br>Faculty of Forestry<br>Universiti Putra Malaysia, Serdang           | 1 April 2009    |
| 2. | Associate Professor<br>Faculty of Forestry<br>Universiti Putra Malaysia, Serdang | 1 August 1998   |
| 3. | Lecturer<br>Faculty of Forestry<br>Universiti Putra Malaysia, Serdang            | 28 January 1989 |
| 12 | Tutor<br>Faculty of Forestry<br>Universiti Putra Malaysia, Serdang               | 9 October 1984  |

### **b) Management Posts**

- |     |  |            |
|-----|--|------------|
| 1.  | Dean<br>Faculty of Forestry<br>Universiti Putra Malaysia, Serdang                                    | 1 May 2011 |
| 2.  | Deputy Director<br>Research Management Centre<br>Universiti Putra Malaysia, Serdang                  | 2010-2011  |
| 3.. | Head<br>Department of Forest Production<br>Faculty of Forestry<br>Universiti Putra Malaysia, Serdang | 2009-2010  |
| 4.  | Head<br>Department of Forest Production<br>Faculty of Forestry<br>Universiti Putra Malaysia, Serdang | 1999- 2001 |

## **8. OTHER APPOINTMENTS**

### **a) International Level**

- Member. Steering Committee for Asia-Pacific Forestry Deans. (2011)

- Member. Steering Committee for International Society for Environment: Survival and Sustainability. (2007 – to date )
- Reviewer. United Nations Development Project (UNDP) Book on Plants of Peat Swamp Forests of Sarawak ( 2006)
- Consultant. United Nations Development Project (UNDP) on Trees of Peat Swamp Forests in Malaysia (2004- 2005)
- Member. Advisory. Japan Society of Tropical Ecology Journal (TROPICS). (2002 – 2005)
- Co-ordinator and Project Leader. Tsukuba Forest and Forest Products Research Institute Research Project: Rehabilitation for the creation of Wildlife Corridor at Ayer Hitam Forest, Selangor (2002-2004)
- Consultant to DANIDA /WWF Malaysia for the Preparation of 'Resource Management Plan: Conservation and Development of Perlis State Park' (2001-2002)
- Short Term Advisor (STA) to DANIDA /WWF/Forestry Department Perlis on the Biodiversity and Conservation of Perlis State Park (2000 - 2002)
- Scientific Expert to ASEAN Regional Centre on Biodiversity Conservation (ARCBC) based in Los Banos, Philippines (2000).
- Resource person for CABI on the Asian Pacific Project on Electronic Forestry Compendium of Forest Species (1997 – 1998)
- Editor. Plant Resources of South-East Asia (PROSEA) Volume 11: Auxiliary Plants (1996-1997)
- Resource person to United Nations Environmental Programme (UNEP) in preparing Biodiversity Country Study for Malaysia (1995-1997)
- Resource person. Asian Pacific Trees for UNESCO (1994)
- Coordinator and Resource Person for the International Training Course for ASEAN Post-Doctorate Students on 'Taxonomy for the Inventory of Tropical Trees' at the South-East Asian Regional Centre for Tropical Biology (SEAMEO-BIOTROP) in Bogor, Indonesia (1992).

**b) National Level**

- External Assessor to Universiti Malaysia Sarawak (Faculty of Science and Technology) for promotion to the post of Professor (2010).

- External Assessor to Universiti Kebangsaan Malaysia (Faculty of Science and Technology) for promotion to the post of Associate Professor (2008-2010).
- External Assessor to Universiti Malaysia Sarawak (Faculty of Science and Technology) for promotion to the post of Associate Professor (2008-2010).
- Research Fellow (1997-2000)  
Institute of Environment and Development (LESTARI)  
Universiti Kebangsaan Malaysia, Bangi
- Member. National Plant Strategy Committee. . Kementerian Sumber Asli dan Alam Sekitar (2007-2008)
- Member, National Steering Committee on Biodiversity Inventory. Kementerian Sumber Asli dan Alam Sekitar ( August 2006- 2008)
- Member, Technical Working Group for Sustainable Forestry ITTO Projects in Malaysia (2006 – to date)
- Member. National Heritage Register Committee (Flora dan Fauna), KeKKWA (2006-to date)
- Member. Technical Working Group on Biodiversity for RM 9, Ministry of Natural Resource and Environment (2004-2005)
- *As hoc* Member, CITES Plants Committee Malaysia (2000 -2002)
- Research Fellow. Institute of Environment and Development (LESTARI) (1997-2001)
- Member. Malaysian Technical Committee on Biodiversity (1995-1998)
- Resource person. Ensiklopedia Sains & Teknologi Kebangsaan DBP-UTM (Kata masukan Dendrologi) (1994)
- Member, Malaysian National Committee of Plant Genetic Resources (MNCPGR), (1989-1995)
- Head, Scientific Expedition to Wang Mu, Perlis State Park (2000)
- Head, Scientific Expedition to Hutan Simpan Ayer Hitam, Selangor (2000)
- Head, Scientific Expedition to Wang Kelian, Perlis State Park (1999)
- Member. Research and Development Committee Forest Department Peninsular Malaysia (1991-1995)

**c) University Level**

- Senate Member (2010 – now)
- Associate Researcher (2008-2010)  
Institute of Bioscience, Universiti Putra Malaysia, Serdang
- Panel Assessor of Research Proposals for University Fundamental Research Grant Scheme (FRGS) for Year 2007- 2010
- Panel Assessor of Research Proposals for Research University Grant Scheme (RUGS) for Year 2007-2010
- Programme Coordinator (1997-2001)  
Master of Science in Tropical Forest Resource Management  
Faculty of Forestry, Universiti Putra Malaysia, Serdang
- Course Coordinator (2001-2003)  
Master of Science in Sustainable Resource Management  
Faculty of Agriculture, Universiti Putra Malaysia, Serdang
- Member. Universiti Putra Natural Resource Network ( 2007 -2010)
- Assessor of Research Proposals for e-Scienfund ( MOSTI) (Sector: Environmental Science & Forestry for Year 2006.
- Member, University Germplasm Committee ( 1993)

**d) Faculty Level**

- Member. Academic Committee (2007- 2010)
- Member. Research Committee (2007 – 2010)
- Member. Ayer Hitam Forest committee (2000 –2010)
- Chairman. ISO Laboratory Monitoring (2007 – 2009)
- Chairman. Forest Ecology and Biodiversity (FOREBIO) Research (2007 – 2010)
- Editorial Member. Faculty Research Bulletin (2007 – 2009)
- Member. Postgraduate Studies Committee ( 1997 -2002)
- Coordinator for Postgraduate Studies (Structure C- by coursework) for Faculty of Forestry (1997-2001)

- Editorial Member. Occasional Faculty Research Papers ( 1991- 1993)
- Chairman. National Essay Competition for Secondary Schools (1991-1994)
- Member. Faculty Social Club (1989-1992)
- Curator of Faculty Herbarium (UPM) ( 1990- 2006)

**e) Editorial Responsibilities**

- Chief-Editor to a citation-indexed journal, *The Malaysian Forester* ( 2007 - to date )
- Editor. Pakistan International Journal of Botany ( May 2008 – to date)
- Editor to the journal, *The Malaysian Forester* ( 2004-2006)
- Reviewer. United Nations Development Project (UNDP) on '*Plants of Peat Swamp Forests of Sarawak*' (2006)
- Editor. Japan Society of Tropical Ecology Journal (*TROPICS*) (2003 - present)
- Editor with Professor L.J.G. van der Maesen of Wageningen Agriculture University on the book '*Plant Resources of South-East Asia (PROSEA) Volume 11: Auxiliary Plants*' (1997)
- Consultant Editor to Dewan Bahasa dan Pustaka, Malaysia on Dictionary of Trees/ Kamus Besar Dewan (2004- to 2009)

**9. LANGUAGE PROFICIENCY**

English (Malaysian Certificate of Education - Grade A)

Bahasa Malaysia (M.C.E. Grade C4)

Have taught Diploma, Degree and Postgraduate courses in both languages.

**10. TEACHING EXPERIENCE**

**10.1 Courses Within UPM**

<u>Code</u>	<u>Course</u>	<u>Credit</u>	<u>Programme</u>
FHP 2101	Forest Botany	4	Diploma (Year 1)
FHP 201	Forest Botany 1	3	Diploma (Year 1)
FHP 202	Forest Botany II	2	Diploma (Year 1)
FHP 2107	Forest Botany	4	Diploma (Year 1)



FHP 301	Dendrology 1	3	B.Sc (Year 1)
FHP 302	Dendrology II	2	B.Sc. (Year 1)
FHP 3101	Dendrology	4	B.Sc. (Year 1)
FHP 3110	Forest Ecology	3	B.Sc. (Year 1)
FHS 3704	Research Project	4	B.Sc. (Final Year)
FHP 4103	Biodiversity and Conservation	3	M.S.
FHS 5218	Forestry Issues and Economic Development	3	M.S./Ph.D.
SPS 5999	Research Project	3- 9	M.Sc.
SPS 6999	Research Project	3-12	Ph.D.
FHS 5955	Special Topics	3	M.S./Ph.D.
FHS 5933	Seminar	1	M.S./ Ph.D.

## 10.2 Courses Outside UPM

1. Paper Writing and Editing Courses to Forestry Department Peninsular Malaysia's officers (2007 and 2008).
2. Training courses in 'Plant Identification' and 'Plant Inventory' (for various institutions such as State Forestry Departments, National Wildlife Department (PERHILITAN), the National Museum Herbarium and other state museums, and several State Parks) (2000 – to date)
3. Second Year course in 'Plant Taxonomy' at the Faculty of Life Sciences, Universiti Kebangsaan Malaysia, Bangi (1991-1992)
4. Post-Doctoral Training Course for ASEANs on 'Taxonomy for the Inventory of Tropical Trees' at the South-East Asian Regional Centre for Tropical Biology (SEAMEO-BIOTROP) in Bogor, Indonesia (May-June 1992)

## 11. SUPERVISION OF STUDENTS

### 11.1 Doctor of Philosophy - all graduated

	Candidate/ year of graduation	Project Title	Supervisory Role
1.	Sholeh Gholassimood (2011)	Floristic composition, diversity and economic valuation of a coastal hill forest in Pulau Pankor, Malaysia	Chairman
2.	Ismail Parlan (2010)	Autecology of <i>Gonystylus bancanus</i> in the peat swamps of Peninsular Malaysia	Member
3.	Gloria Abraham Oanes (2002)	A systematic study on <i>Callicarpa</i> L. (Verbenaceae) in Borneo	Chairman

4.	Affendi Suhaili (2007)	Identification and mapping of tropical tree species using Airborne Imaging System	Member
5.	Agus Hikmat (2004)	Species composition, stand structure and biomass of trees in three Virgin Jungle Reserve, Peninsular Malaysia	Member
6.	Evelyn Varquez Bigcas (2003)	Rehabilitation of a degraded tropical lowland forest using three indigenous timber species in Peninsular Malaysia	Member
7.	Saiful Islam (2002).	Effects of selective logging on tree species diversity, stand structure and physical environment of tropical hill dipterocarp forest of Peninsular Malaysia	Member

#### 11.2 Master of Science - all graduated

	Candidate and Year graduated	Project Title	Supervisory Role
1.	Lee Shiou Yih (2011)	Molecular DNA studies of three <i>Aquilaria</i> Species in Malaysia	Member
2.	Abdul Razak Abu Samah (2011)	Forensic Botany in Crime Investigation using pollen, spores and DNA	Member
3.	Tnah Lee Hong (2007)	DNA typing for identification of Malaysian important timber species for the purpose of forestry forensic	Member
4.	Ridzuan Salleh (2005)	Forest composition and structure of a Montane forest at Cameron Highlands, Malaysia	Chairman
5.	Radhiah Zakaria (2004)	Systematic studies on Guttiferae Juss. and Hypericaceae of Peninsular Malaysia	Chairman
6.	Romeo M. Lomoljo (2003)	Phenology and availability of fruit trees and their influence on the abundance of selected animals in a logged and primary forest of	Member

Sg. Lalang, Selangor

- |     |                                   |  |          |
|-----|-----------------------------------|--|----------|
| 7.  | Boyd Sun Fatt<br>(2003)           | Forest composition, structure and wildlife abundance in mixed-dipterocarp forest of Sungai Lalang, Selangor                        | Member   |
| 8.  | Philip Lepun<br>(2002)            | Tree species composition and distribution in Ayer Hitam Forest, Puchong, Selangor  | Chairman |
| 9.  | Ismail Parlan<br>(2001)           | Rehabilitation of degraded peat swamp forest in Raja Muda Forest Reserve, Selangor   | Member   |
| 10. | Chanhsamone Phongoudome<br>(2000) | A systematic study on <i>Vitex Tourn.</i> (Verbenaceae) in Sabah and Sarawak, Malaysia   | Chairman |
| 11. | Ahmad Farid Abdul Fuad<br>(2000)  | Knowledge and perception of forest conservation in the Forestry Department Headquarters of Peninsular Malaysia                     | Chairman |
| 12. | Maswar<br>(2000)                  | Effects of different rehabilitation methods and soil parameters on the establishment of forest tree seedlings in a degraded forest | Member   |
| 13. | Imam Santoso<br>(2000)            | Stumpage appraisal of a peat swamp forest in Selangor  | Member   |
| 14. | Alona Cuevas Linatoc<br>(1999 )   | Ecology and Taxonomy of <i>Mangifera</i> species (Anacardiaceae) in the 50-ha plot of Pasoh Forest Reserve, Peninsular Malaysia    | Chairman |
| 15. | Mohd. Zaki Abdullah<br>(1999)     | Reproductive biology and phenological observation of three rattan species in Peninsular Malaysia                                   | Member   |
| 16. | Sebastian Chew<br>(1999)          | Forest type classification and inventory in Pulau Tioman using AIRSAR Data   | Member   |
| 17. | Zulhazman Hamzah                  | Assessing and monitoring forest changes  | Member   |

(1999) Using Landsat TM: a case of Selangor

18. Nor Rahmat Abdul Jalil (1997) Analysis of climatic change recorded in the growth rings of tropical trees Member

### 11.3 On-going Postgraduate Students

	Candidate	Project Title	Level	Supervisory Role
1.	Radhiah Zakaria	Plant community diversity, biomass and phytosociology of different geological limestone formation forests in Perlis State Park, Malaysia	Ph.D.	Chairman
2.	Seyed Mousa Sadeghi	Comparison of floristic composition, diversity and structure of a hill forest 10-years after supervised and conventional logging in Ulu Muda FR, Kedah	Ph.D.	Chairman
3.	Nurulsyida Shaari	Floristic studies in Ayer Hitam FR 10-ha permanent plot	Ph.D.	Chairman
4.	Shamsul Khamis	Systematic studies of <i>Litsea</i> in Peninsular Malaysia	Ph.D.	Member
5.	Mohd Nizar Jamaluddin	Optimum sampling for hill forest inventory	M.Sc.	Chairman
6.	Siti Umairah Othman	Ecological dynamics of Burseraceae in Ayer Hitam Forest, Puchong, Selangor	M.Sc.	Chairman
7.	Fatheen Nabila Ghazali	Floristic studies of three riverine vegetation in Langkawi Geopark	M.Sc.	Chairman
8.	Mohd. Zamakshaury Mustapa	Ecology and Conservation of <i>Aquilaria</i> species in Peninsular Malaysia	M.Sc.	Chairman
9.	Abdul Hayat Mat Saad	Stand Structure and Diversity of Trees in a Recreational Forest in Langkawi, Kedah	M.Sc.	Member
10.	Muhammad Hafidz Abdullah	Economic Valuation of Timber Resources in Forest Recreation Area in Kedah	M.Sc.	Member

11. Salimah Ahmad                      Non-trees Composition and Species Diversity of a M.Sc. Member  
Recreational Forest in Langkawi, Kedah

#### 11.4 Bachelor of Science (Forestry)

Has supervised more than 65 undergraduate students for their final year theses.

## 12. EXPERIENCE AS EXAMINER

### a) From University of Malaya (UM), Universiti Sains Malaysia (USM), Universiti Kebangsaan Malaysia (UKM), Universiti Malaysia Sarawak (UNIMAS), Universiti Putra Malaysia (UPM)

1. Rafidah Abdul Rahman (MSc). Revision of *Chirita* (Gesneriaceae) for Peninsular Malaysia. Faculty of Science, Universiti Malaya (UM) -2011
2. Nurfazliza Kamarul Bahrin (MSc). Community structure, composition and distribution of liana in relation to edaphic factors in Pasoh 50-ha Plot, Negeri Sembilan. Faculty of Science and Technology, Universiti Kebangsaan Malaysia (UKM) – 2010
3. Priyono Suryanto (PhD). 2010. Silviculture agroforestry regime: Compatible management in Southern Gunung Merapi National Park, Java, Indonesia. Faculty of Forestry, Universiti Putra Malaysia (UPM) -2010
4. Lee Chai Ting (MSc) . Development of microsatellite markers and genetic diversity assessment of a tropical timber species, *Koompassia malaccensis* (Leguminosae). Faculty of Science, Universiti Putra Malaysia – 2009
5. Rohani Shahrudin (MSc) Community structure, floristic variation and biomass in Taman Rimba Kenong, Pahang. Faculty of Science and Technology, Universiti Kebangsaan Malaysia (UKM) - 2008
6. Mohamad Ruzi b. Abdul Rahman (MSc). Leaf anatomy of the genus *Dipterocarpus* Gaertn. (Dipterocarpaceae). Faculty of Science and Technology, Universiti Kebangsaan Malaysia (UKM) - 2007
7. Mariam Jutta Poetz (MSc). Root Endophytes in the genus *Paphiopedilum* in Peninsular Malaysia. Faculty of Science and Technology, Universiti Kebangsaan Malaysia (UKM) - 2007
8. Maskur Masdor (MSc). Elevational changes of vegetation in Gunung Jerai, Kedah,

Malaysia. School of Biological Sciences, Universiti Sains Malaysia (USM) - 2006

9. Nurul Nahar Esa (MSc). Anatomi daun spesies *Shorea* Roxb. (Dipterocarpaceae) in Malaysia. Faculty of Science and Technology, Universiti Kebangsaan Malaysia (UKM) – 2006
10. Noor Pahtiw Bohari (MSc). Ecology and growth performance of *Endospermum diadenum*. Faculty of Science and Technology, Universiti Malaysia Sarawak (UNIMAS) -2005
11. Zahari Ibrahim (MSc). Vegetation Associations and site preference of *Eurycoma longifolia* Jack (Simaroubaceae) in Heath Lowland Forest. - Faculty of Forestry, Universiti Putra Malaysia (UPM) - 2005
12. Runi Sylvester (MSc). Plant associations of Bau Limestones, Sarawak. Faculty of Agriculture, Universiti Putra Malaysia (UPM) - 2005
13. Nor Khafizah Masri (MSc). A study on forest Encroachment in Kelantan Faculty of Forestry, Universiti Putra Malaysia (UPM) – 2004
14. Jenne Lajuni (MSc). Plant diversity and biomass of Ulu Muda Forest, Kedah. Institute of Environment and Development (LESTARI), Universiti Kebangsaan Malaysia (UKM) - 2003
15. Mohd. Abdullah Abd. Ghani (MSc). The effects of logging activity on woody debris distribution in stream channels. Faculty of Forestry, Universiti Putra Malaysia (UPM) – 2000
16. Mohd. Abdullah Abd. Ghani (MSc). The effects of logging activity on woody debris distribution in stream channels. Faculty of Forestry, Universiti Putra Malaysia (UPM) – 2000

**b) Universiti Putra Malaysia (UPM) Undergraduate Theses**

Have examined more than 100 undergraduate theses on their final year research project for their Bachelor's degree.

**13. RESEARCH ACTIVITIES**

No.	Project	Status
1.	<b>Project Leader (2011-2013)</b> Title of Research: Tree species composition, diversity, structure and physical environment in Ulu Muda Forest Reserve, Kedah 8-years after conventional and supervised logging methods Source of Grant: Ministry of Higher Education Malaysia (RM 124,000)	On-going
2.	<b>Project Leader (2011-2014)</b> Title of Research: Establishment of 10 hectares of Permanent Research	On-going

- Plot for Long-term Forest Dynamic Studies in Ayer Hitam Forest Reserve,  
UPM  
Source of Grant: Ministry of Higher Education Malaysia (RM 146,200)
3. **Co-researcher (2011-2013)** On-going  
Title of Research: Economic valuation of mangrove forest and its  
implications to coastal community  
Source of Grant: MOSTI (RM 447, 470)
  4. **Co-researcher (2011-2012) – Knowledge Transfer Programme** On-going  
Title of Research: Peningkatan Kualiti Hidup Penduduk Persisiran Pantai  
di Kota Marudu, Sabah menerusi pembangunan ekopelancongan  
berasas komuniti  
Source of Grant: Ministry of Higher Education Malaysia (RM 117,000)
  5. **Co-researcher (2008-2011)** On-going  
Title of Research: Mangrove Ecosystem Enhancement for the Livelihood  
Improvement of Marudu Bay Community in Sabah  
Source of Grant: MOSTI/ National Oceanography Directorate  
(RM500,000)
  6. **Project Leader ( 2007-2008 )** Completed  
Title of Research: Ecology and Conservation of *Aquilaria* species in  
Peninsular Malaysia  
Source of Grant: Ministry of Higher Education Malaysia (RM 67,000)
  7. **Project Leader ( 2007-2008 )** Completed  
Title of Research: Biodiversity Assessment and Economic Valuation of  
Recreational Forests in Kedah, Malaysia  
Source of Grant: Ministry of Higher Education Malaysia (RM 178,000)
  8. **Co-researcher ( 2006-2008 )** Completed  
Title of Research: Economic Valuation and Forest Resource Accounting  
in Peninsular Malaysia.  
Source of Grant: Forest Department Peninsular Malaysia  
(RM 550, 000)
  9. **Project Leader (1998-2000)** Completed  
Title of Research: Plant Diversity and Conservation of Lowland Forests  
Source of Grant: IRPA (RM 366, 000)
  10. **Project Leader (2002-2005)** Completed  
Title of Research: Biodiversity and Conservation of Perlis State Park  
Source of Grant: IRPA (RM 163,760)

11. **Project Leader** (2004-2006)  
Title of Research: Peat Swamp Forest Plants  
Source of Grant: UNDP/GEF ( RM 100, 000) Completed
12. **Project Co-ordinator and Researcher** (2002-2004)  
Title of Research: Rehabilitation for the Creation of Wildlife Corridor at Ayer Hitam  
Source of Grant: Forest and Forest Products Research Institute, Tsukuba, Japan (RM 30, 000) Completed
13. **Co-researcher** (1997-1999)  
Title of Research: Rehabilitation of logged-over tropical forest ecosystem  
Source of Grant: Centre of International Forestry Research CIFOR (RM 50, 000) Completed
14. **Co-researcher** (1997-1998)  
Title of Research: Ecosystem evaluation of fragile habitats through advanced technology  
Source of Grant: IRPA (RM 30,000) Completed
15. **Co-researcher** (1997-1999)  
Title of Research: Economic Valuation of Forest Goods and Services  
Source of Grant: IRPA ( RM 50, 000) Completed
16. **Project Leader** (1996)  
Title of Research: Multidisciplinary studies on *Pangium edule* in Malaysia,  
Source of Grant: International Foundation of Science (Sweden) (US 10,000) Completed
17. **Project Leader** (1991)  
Title of Research: Plants of Ayer Hitam  
Source of Grant: UPM Seed Money (RM 10,000) Completed

#### 14. PATENT DEPOSIT

'Spectral Band Configuration for Airborne Hyperspectral Imaging of the Tropical Forest' (Researchers: Affendi Suhaili, Awang Noor Abd Ghani, Ainudin Nurudin and **I.Faridah-Hanum**) - patent pending

#### 15. PUBLICATIONS



## 15.1 BOOKS

1. **Faridah-Hanum, I.** 2008. *Ayer Hitam Forest: the green lung of Klang Valley*. Universiti Putra Malaysia Press, Serdang. 100 pp. ISBN 978-967-5026-72-0
2. Roslan Ariffin, Kasim Osman, **Faridah-Hanum, I.**, Zainudin. A. and A. Latiff. 2006. *A Guide-Book to Plants of Perlis* (Suatu Buku Panduan Untuk Perlis). Forestry Department of Perlis. 200 pp. ISBN 983-40653-6-1
3. **Faridah-Hanum, I.** and Shamsul Khamis. 2005. *A Handbook on the Peat Swamp Flora of Peninsular Malaysia*. Universiti Putra Malaysia Press, Serdang. 251 pp. ISBN 983-41877-4-2
4. **Faridah-Hanum, I.** and Shamsul Khamis. 2004. *A Guide to the Common Plants of Ayer Hitam Forest, Selangor, Peninsular Malaysia*. Universiti Putra Malaysia Press, Serdang. 219 pp. ISBN 983-2871-65-4
5. Kasim Osman, **Faridah-Hanum, I.**, Zainudin. A. and A. Latiff. 2002. *A Guide-Book to Medicinal Plants of Perlis*. Forestry Department of Perlis. 139 pp. ISBN 983-40653-3-7

## 15.2 CHAPTERS IN BOOK

6. **Faridah Hanum, I.** 2001. A systematic study of the *Ormosia*-group (Leguminosae: Papilionoideae). In: Saw, L.G., Chua, L.S.L. and K.C. Khoo (Eds.). *Taxonomy: the cornerstone of biodiversity*. Ampang Press Sdn. Bhd., Kuala Lumpur. pp. 107- 121. ISBN 983-2181-16
7. **Faridah Hanum, I.** 1998. *Callerya Endl.* In: Sosef, M.S.M., Hong, L.T. and S. Prawirohatmodjo (Eds.). *Plant Resources of South-East Asia No. 5 (3). Timber Trees: Lesser known timbers*. Backhuys Publishers, Leiden, Netherlands. pp. 127-129. ISBN 979-8316 -00-2
8. **Faridah Hanum, I.** 1998. *Archidendron F.v. Mueller* In: Sosef, M.S.M., Hong, L.T. and S. Prawirohatmodjo (Eds.). *Plant Resources of South-East Asia No. 5 (3). Timber Trees: Lesser Known Timbers*. Backhuys Publishers, Leiden, Netherlands. pp. 84-87. ISBN 979-8316 -00-2
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## 15.7 PAPERS PRESENTED (IN ABSTRACTS)

### 15.7.1 As presentation in Overseas Conferences

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### 15.7.3 POPULAR CONTRIBUTIONS

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### 15.7.4 TECHNICAL REPORTS

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### 15.7.5 EIA REPORTS

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## 16. OTHER CONTRIBUTIONS ( EXTENSION AND PUBLIC SERVICES )

### 16.1 Referee for Papers in Scientific Journals



1. Japan Society of Tropical Ecology Journal (TROPICS) – 5 papers
2. Journal of Tropical Forest Science- 3 papers
3. Sains Malaysiana - 3
4. The Malaysian Forester – 30 papers
5. Malaysian Applied Biology –2 paper
- 6.. Pertanika Journal Tropical Agricultural Science (Special Issue)– 25 papers
7. Ekoloji - 5

**16.2 Started the Series of Scientific Expeditions** in collaboration with Forestry Department of Peninsular Malaysia in 1999, and has co-ordinated and led the following scientific expeditions:

1. Scientific Expedition to Wang Kelian, Perlis State Park (1999)
2. Scientific Expedition to Wang Mu, Perlis State Park (2000)
3. Scientific Expedition to Hutan Simpan Ayer Hitam, Selangor (2000)

**16.3 Founded** the Junior Ranger Club Malaysia, launched in Perlis State during the celebration of Malaysia World Forestry Day in 1977.

**16.4 Examiner** to Malaysian Examination Board (STPM Biology Paper) -1991

**16.5 Resource person.** Science and Technology Seminar, Pahang

**16.6 Resource person.** Documentary on Taman Negara entitled Natural National Heritage.

**16.7 Founding Member** of Mara Junior Science College (MRSM) Alumni

**16.8 Resident Fellow,** 4<sup>th</sup> College Universiti Putra Malaysia ( 1989-1990)

**16.9 Membership of the following learned societies:**

1. Malaysian Nature Society (MNS)
2. International Association of Plant Anatomy (IAWA)
3. Ecological Society of Malaysia (Persatuan Ekologi Malaysia)

**16.10 Member** of the National Biodiversity Drafting Committee (1997)

**16.10 Currently conducting the following Environmental Impact Assessment (EIA) for forested land in the area of biodiversity:**

1. Macro EIA for Trengganu State for Forestry Department Trengganu
2. Macro EIA for Pahang State for Forestry Department Pahang
3. Macro EIA for Kelantan State for Forestry Department Kelantan

**16.11 Have chaired and organized International and local Conferences/ Seminars as**

**follows:**

1. International Conference on Medicinal Plants (Kuala Lumpur, December 2005)
2. National Seminar on Medicinal Plants (UPM Serdang, 2003)
3. UPM Research and Development Exhibition Committee (UPM Serdang, 2002 and 2003)
4. Seminar on Management and Ecology of Ayer Hitam Forest, Puchong (UPM Serdang, 2000)
5. Seminar on Biodiversity and Conservation of Ayer Hitam Forest, Selangor (1999)
6. International Conference on Multipurpose Tree Species (2002)
7. International Symposium on Taxonomy of Tropical Trees for Genetic Diversity Studies (Indonesia, 1993)