



**REPORT OF THE TRAINING OF TRAINERS (TOT) IN  
IDENTIFICATION OF AQUILARIA SPECIES AND IN  
THE GRADING OF AGARWOOD WORKSHOP  
26 - 30 OCTOBER 2015, KUALA TERENGGANU  
TERENGGANU,  
MALAYSIA**

**MALAYSIA'S WORK PROGRAM FOR 2014/2015**

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**Implementing Agency :  
Forestry Department Peninsular Malaysia (FDPM)  
Jalan Sultan Salahuddin  
50660 Kuala Lumpur**

# MALAYSIA'S WORK PROGRAM FOR 2014/2015

Title	<b>Capacity Building of Forestry Department Peninsular Malaysia's Staff in Identifying <i>Aquilaria</i> to Species Level and in the Grading of Agarwood</b>
Executing Agency	<b>Ministry of Natural Resources and Environment Malaysia (MNRE)</b>
Implementing Agency	<b>Forestry Department Peninsular Malaysia (FDPM)</b>
Project Coordinator	<b>Mohd Nasir Bin Abu Hassan</b>
Secretariats	<b>Encik Mohamed Zin bin Yusop Encik Abdul Khalim bin Abu Samah Encik Aldrich Richard Encik Harry Yong Encik Mohd Rizal bin Sabran Cik Noor Ain binti Abd Karim Puan Siti Nurulhuda binti Ahmad Tarmidzi Encik Mohd Nurwahi bin Abdullah Encik Syamsul Azmi bin Sulaiman</b>
National Experts	<b>Puan Marina binti Tuan Ibrahim Encik Mohd Nasir bin Mohd</b>
Venue	<b>PRINZPARK HOTEL &amp; RESORT, KUALA TERENGGANU</b>
Date	<b>26 - 30 OCTOBER 2015</b>

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**Report of the Training of Trainers (TOT) in Identification of *Aquilaria* Species and in the Grading of Agarwood Workshop  
26 - 30 October 2015, Kuala Terengganu, Terengganu,  
Malaysia**

**REPORT OF THE WORKSHOP**

**1.0 BACKGROUND**

The workshop was held at Prinzpark Hotel and Resort, Kuala Terengganu, the capital city of Terengganu. The Workshop is one of the activity (Activity 3.2 – Conduct a training workshop on the identification of *Aquilaria* to species level and in the grading of Agarwood) in the Activity approved to be implemented by Forestry Department Peninsular Malaysia (FDPM) - “Capacity Building of Forestry Department Peninsular Malaysia’s Staff in Identification of *Aquilaria* to Species Level and in the Grading of Agarwood” under the ITTO-CITES 2014/2015 Malaysia’s Work Programme.

**2.0 WORKSHOP OBJECTIVE**

The Workshop aims to produce a group of qualified trainers who are proficient in the identification of *Aquilaria* to species level and in the grading of Agarwood and to provide continuous training to FDPM’s personnel.

**3.0 WORKSHOP DELIBERATION**

**3.1 Workshop Venue and Participants**

The Workshop was held at Prinzpark Hotel and Resort, Kuala Terengganu, Terengganu. Kuala Terengganu is about 60 kilometres from the *Aquilaria* plantations in Merchang Forest Reserve and Kampung Tok Fakir, Marang which was visited during the workshop.

The Opening Ceremony was graced by Mr. Mohd Rizal bin Sabran, Senior Assistant Director of Natural Forest Silviculture, Silviculture and Forest Biodiversity Conservation Division, Forestry Department Peninsular Malaysia Headquarters. A total of 36 participants from Forestry Department Peninsular Malaysia Headquarters (FDPM HQ) and State Forestry Departments (SFDs) attended this workshop. The list of participants is as **Annex 1**.

### **3.2 The Programme**

The workshop's programme was divided into three (3) sessions as below:

- i. Session 1: Classroom Lecture
- ii. Session 2: Field Practical
- iii. Session 3: Evaluation

The detail workshop's programme is as in **Annex 2**.

#### **3.2.1 Classroom Lecture**

The session was conducted by both the National Experts. During this session, participants were given lectures on the Family of the Thymelaeaceae and Genus of *Aquilaria*; preparation of teaching method; herbarium preparation; and Agarwood grading.

#### **3.2.2 Field Practical**

A field visit to *Aquilaria* plantations in Merchang Forest Reserve and Kampung Tok Fakir, Marang which comprises both wild and planted *Aquilaria*, was arranged to give participants' practical experience in preparation of teaching material e.g. sample collection for herbarium.

### **3.2.3 Evaluation**

The assessment was conducted at the end of the workshop to evaluate participants' competency in:

- i. identification of *Aquilaria* species;
- ii. grading of Agarwood grading; and
- iii. teaching techniques and skills.







#### 4.0 WORKSHOP RECOMENDATION

Based on the assessment, it is recommended that:

- i. only participants who surpassed the minimum mark is eligible to be appointed as a trainer; and
- ii. the nomination for future Train the Trainer programme's candidates should be should be those selected based on their capability and capacity to ensure the success of this programme.

#### 5.0 CONCLUSION

The successful implementation of the Workshop contributed towards the achievement of Output 3 of the Activity - to produce 30 persons from FDPM trained as trainers and who are proficient in the identification of *Aquilaria* to species level and in the grading of Agarwood. This workshop also serve as field test for both manuals and field guides; "**Manual Pengecaman Spesies *Aquilaria* di Semenanjung Malaysia (*Manual to the Identification of Aquilaria Species in Peninsular Malaysia*)**"; "**Manual Penggredan Gaharu Jabatan Perhutanan Semenanjung Malaysia (*Forestry Department Peninsular Malaysia's Manual in Grading of Agarwood*)**"; "**Panduan Kerja Luar Pengecaman Spesies *Aquilaria* di Semenanjung Malaysia (*A Field Guide to the Identification of Aquilaria Species in Peninsular Malaysia*)**"; and "**Panduan Kerja Luar Penggredan Gaharu Jabatan Perhutanan Semenanjung Malaysia (*A Field Guide to the Forestry Department Peninsular Malaysia's in Grading of Agarwood*)**". The successful of the workshop is also due to the collaboration between Forestry Department Peninsular Malaysia Headquarters and State Forestry Departments, as well as effective monitoring by Ministry of Natural Resources and Environment.

# ANNEX



**ANNEX 1 : List of Participants**

<b>NO</b>	<b>NAME</b>	<b>ORGANIZATION / AGENCY</b>
1	Noor Ain binti Abd Karim	FDPM HQ
2	Siti Nurulhuda binti Ahmad Tarmidzi	FDPM HQ
3	Jakson Kinsabul	FDPM HQ
4	Mohd Thajirine bin Shukri	FDPM HQ
5	Mohd Nurwahi bin Abdullah	FDPM HQ
6	Syamsu Azmi bin Sulaiman	FDPM HQ
7	Muhamad Nuur Afiq bin Mohamad	FDPM HQ
8	Mohd Tarmizi bin Mohd Zaki	FDPM HQ
9	Mohd Ishanizam bin Mohamad Sahak	SFD of Pahang
10	Saiful Nizam bin Mahmud	SFD of Pahang
11	Mohd Nazrudin bin Abdul Manaf	SFD of Pahang
12	Norihan binti Shamsudin	SFD of Pahang
13	Norlela binti Panut	SFD of Pahang
14	Roziah binti Shamsuddin	SFD of Pahang
15	Azhar bin Murad	SFD of Kedah
16	Mohd Aisamuddin bin Mohd Yusof	SFD of Kedah
17	Azman bin Saad	SFD of Penang
18	Roshidi bin Abdul Rashid	SFD of Penang
19	Umi Kalsom binti Nan	SFD of Perak
20	Mohd Faizal bin Ibrahim	SFD of Perak

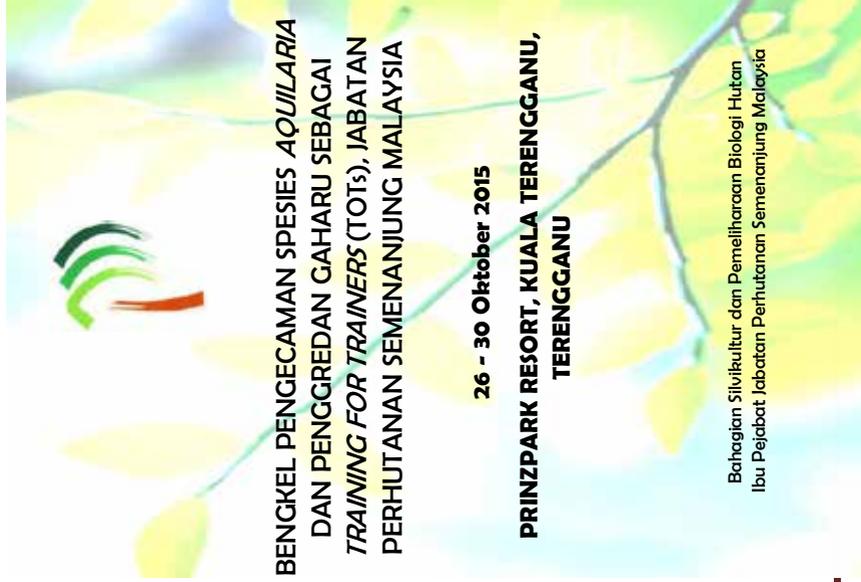
<b>NO</b>	<b>NAME</b>	<b>ORGANIZATION / AGENCY</b>
21	Ahmad Nazeri bin Shahabuddin	SFD of Perak
22	Salleh bin Endut	SFD of Terengganu
23	Zulkifli bin Mohd Rabi	SFD of Terengganu
24	Mat Yusop bin Yaacob	SFD of Terengganu
25	Mohd Sidi bin Sulaiman	SFD of Terengganu
26	Mohamad bin Yaacob	SFD of Terengganu
27	Mohd Fauzi bin Awang Mat	SFD of Terengganu
28	Abd Wahab bin Omar	SFD of Terengganu
29	Hashim bin Ibrahim	SFD of Selangor
30	Mohamad Rizal bin Zanuddin	SFD of Selangor
31	Azamuddin bin Kassan	SFD of Johor
32	Zailan bin Kasim	SFD of Johor
33	Idris bin Sapie	SFD of Kelantan
34	Tarmizi bin Said	SFD of Kelantan
35	Rohana binti Zit	SFD of Negeri Sembilan
36	Basirun bin Bakar	SFD of Perlis

## ANNEX 2 : Workshop's Programme



Bahagian Silvikultur dan Pemeliharaan Biologi Hutan  
Ibu Pejabat Jabatan Perhutanan Semenanjung Malaysia

[www.forestry.gov.my](http://www.forestry.gov.my)



**BENKEL PENGECAMAN SPESIES AQJILARIA  
DAN PENGGEDAN GAHARU SEBAGAI  
TRAINING FOR TRAINERS (TOTs), JABATAN  
PERHUTANAN SEMENANJUNG MALAYSIA**

**26 - 30 Oktober 2015**

**PRINZPARK RESORT, KUALA TERENGGANU,  
TERENGGANU**

Bahagian Silvikultur dan Pemeliharaan Biologi Hutan  
Ibu Pejabat Jabatan Perhutanan Semenanjung Malaysia

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Bahagian Silvikultur dan Pemeliharaan Biologi Hutan,  
Ibu Pejabat Jabatan Perhutanan Semenanjung Malaysia

Training Of Trainers (Tots) in Identification of *Aquilaria* Species and the Grading of Agarwood Workshop

DATE / TIME	8:00-10:00	10:00 - 10:30	10:30-12:30	12:30 - 2:00	2:00-5:00	5:00 - 8:30	8:30-10:00	
26.10.2015 (Monday)	Introduction To Family Thymelaeaceae- <b>Theory</b>	Introduction To Family Thymelaeaceae- <b>Theory</b>	Introduction To Family Thymelaeaceae- <b>Theory</b>	<b>BREAK</b>	Introduction To Genus Aquilaria- <b>Theory</b>	<b>BREAK</b>	Species Aquilaria Introduction <b>Theory / Practical</b>	
27.10.2015 (Tuesday)	Species Aquilaria Introduction <b>(Practical)</b>							Species Aquilaria Introduction <b>(Practical)</b>
28.10.2015 (Wednesday)	Indentification Species ( <b>Practical/Visit</b> )							Herbarium Preparation
29.10.2015 (Thursday)	Agarwood Grading ( <b>Theory</b> )	<b>BREAK</b>	Agarwood Grading ( <b>Theory</b> )	<b>BREAK</b>	Agarwood Grading ( <b>Practical</b> )	<b>BREAK</b>	Agarwood Grading <b>(Practical)</b>	
30.10.2015 (Friday)	Aquilaria Spp. Identification Competence		Grading Agarwood Competence		Course Evaluation And Closing			



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