

APPENDIX 1

SURVEY QUESTIONNAIRE



**UNIVERSITI
MALAYA**
K U A L A L U M P U R



RESEARCH INTERVIEW:

Managing Land as a Natural Resource, With Regards to Environmental, Social and Economic Values: The Oil Palm Industry

(Information obtained shall be exclusively used for academic and writing thesis purposes only)

This study is undertaken by the Faculty of Economy and Administration, University Malaya, and is co-sponsored by the Malaysian Palm Oil Council (MPOC). The objective of the study is: To review ecological, social and economic management models that exists for the palm oil industry. And derive a viable management tool for sustainable land resource management in Malaysia.

Stakeholder Interviewed: _____

Representation
from the Palm Oil
Industry

Economic Sector
(traders/manufactures)

Social Sector
(NGOs/Growers/local community)

Environmental Sector
(NGOs/ Growers/local
community)

Media
(networks/press/internet)

Responsibility in the palm oil Industry: _____

Nationality: _____

Definition:

Sustainability: is a pattern of resource use that aims to meet human needs while preserving the [environment](#), so that these needs can be met not only in the present, but also for generations to come.

Biodiversity: is the degree of variation of [life](#) forms within a given [ecosystem](#), or an entire [planet](#). Biodiversity is a measure of the health of [ecosystems](#).

Part A

How important are these sectors for the future OF the palm oil industry today? Please rank the following from (1-4).

1. 2. 3. 4.	1. 2. 3. 4.	1. 2. 3. 4.	1. 2. 3. 4.
Environmental	Social	Economic	Governance

What are the important variables for each sector? Please rank with values from 1-6.

Environment	Variable	Rank (1-6)
	GHG emission issues	
	Deforestation issues	
	Biodiversity maintenance	
	Maintaining water balance	
	Pollution	
	Overuse of chemicals	

Economic	Variable	Rank (1-6)
	Land price	
	Cost of managing the plantation	
	Labour cost	
	Palm oil price	
	Changes in Commodity market	
	Government incentives	

Social	Variable	Rank (1-6)
	Land claims	
	Boundary issues	
	Indigenous rights	
	Cultural matters	
	Heritage site maintenance	
	Labour matters	

Others	Variable	Rank (1-6)
(Please list)		

Part B

In your opinion, do you agree or disagree with the following statements of behavior within the palm oil industry. Please mark ✓ at the appropriate space using the indicator below:

1. COMPLETELY DISAGREE	2 DISAGREE SOMEWHAT	3.AGREE SOMEWHAT	4.AGREE COMPLETELY
---------------------------	------------------------	------------------	--------------------

No	Sectorial Awareness in the Palm Oil Industry	1	2	3	4
1.	<i>Biodiversity management within the plantations is well understood and well managed.</i>				
2.	<i>Ecosystem biodiversity of resources nearby plantations are well understood and protected by growers/local community.</i>				
3.	<i>Best management practises for each land types (mineral soil, peat, etc.) are followed by Malaysian growers.</i>				
4.	<i>Plantation land is managed well and is being out to its best use and has been considered for all other lost opportunity.</i>				
5.	<i>Sustainable agriculture practices are understood widely in the industry.</i>				
6.	<i>In my organization, there is a widespread concern about environmental sustainability of the oil palm industry.</i>				
7.	<i>Fluctuations of prices in the commodity market have a direct impact on sustainability investments in the oil palm industry.</i>				
8.	<i>Cultural and heritage related matters on site are well understood and respected in plantations.</i>				
9.	<i>Oil palm industry is doing enough for long term sustainability.</i>				
10.	<i>Negative coverage that the industry gets in the media for sustainability is unjustified and completely unfair.</i>				

Part C

Please mark ✓ at the appropriate space using the indicator below:

1. Strongly disagree	2 Disagree	3. Agree	4. Strongly agree
----------------------	------------	----------	-------------------

	Land related matters in the palm oil industry	1	2	3	4
1.	Agricultural sustainability can be achieved in the oil palm plantations. It will be the first agriculture produce to be fully sustainable.				
2.	Scientific tools like ISO, GHG measurements are NOT being used appropriately for the palm oil industry. Gaps and assumptions in these tools can be further improved or addressed for better use in this industry.				
3.	There are sufficient environmental data within the oil palm industry to manage its' land resources well, and not suffer biodiversity lost.				
4.	The land bank is not large in Malaysia. The palm oil industry is being affected by the land assignments to other sectors.				
5.	The change in human migration is affecting the management of the plantations. Especially from the villages to the cities by local community.				
6.	The commodity boom is affecting the land management of the plantations. More land is being assigned for the oil palm plantation.				
7.	The media and its opinions affect the management of the plantations. Negative reports from media helps the local growers rethink their practices and improve their work.				
8.	The local industrial code of conduct is sufficient for managing the plantations. Malaysian Palm Oil Board's code is good enough for Malaysian land management.				
9.	Different countries have different value systems; therefore trading country's values impact Malaysian land management of the plantations.				
10.	Social issue, especially land rights have an impact on the management of the plantations. Settlements related to these matters take a lot of effort.				

Any other comments or suggestions for the palm oil industry improvement
