

Challenges and Lessons Learnt on Biodiversity and HCV Issues from the Growers Perspective

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Conservation challenges in Indonesia

I. Land:

- HCV areas are not recognised by Indonesian government in agricultural land (APL/ non-forest other land purpose).
- Conflict between law and with RSPO Biodiversity P and C. (P 5.2)
- Conservation areas considered as idle land and can be taken back by the government whether its status is *Ijin lokasi* or *HGU*.

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Conservation challenges in Indonesia

2. Plasma and compensation:

- Communities expect plasma for HCV areas released.
- Communities do not want to receive lower compensation for HCV areas.
- Releasing large HCV areas requires huge financial commitment by the company.
- Compensation via desa or individuals? Need government facilitation.
- Without compensation- high challenges to protect and take action on illegal activities and prevent clearance by communities.



Conservation challenges in Indonesia

3. HCV identification and assessments

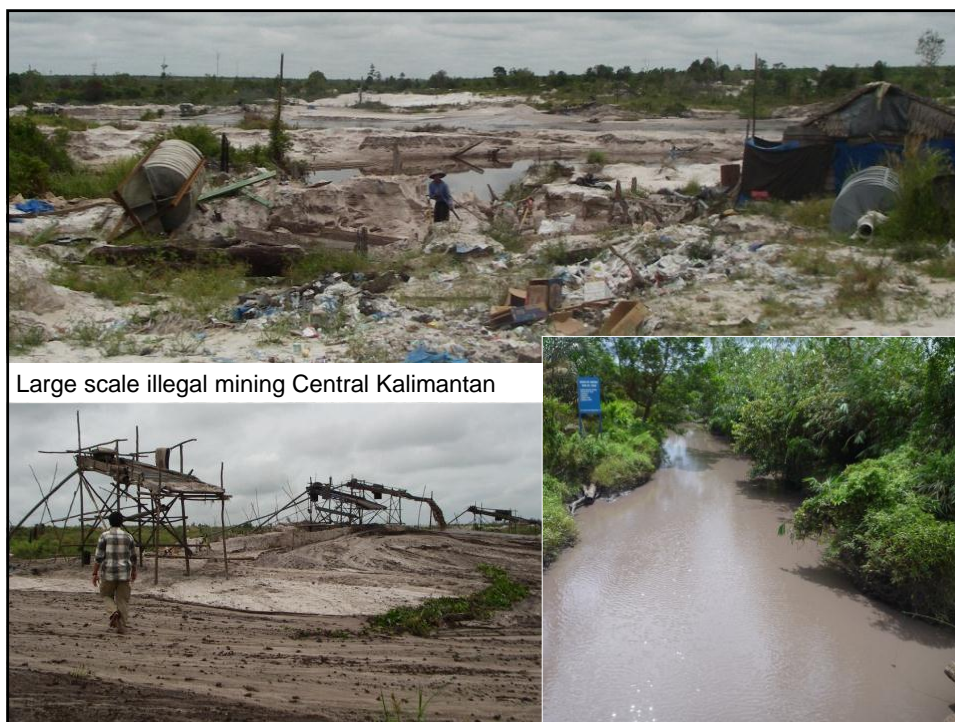
- Costly and time consuming and *Ijin Lokasi* is only applicable for 3 years.
- HCV mis-identification and map artifacts.
- Vast differences in HCV assessment quality and interpretations by consultants.
- Management plans from consultants often academic and not practical and very little guidance on implementation.
- HCV 5 and 6 issues as HCV 5 is dynamic and the communities have changing values and needs.
- Some communities reject HCV concept.



Conservation challenges in Indonesia

4. HCV Management.

- Compensation to communities does not guarantee protection against clearance and illegal activities by local communities.
- Inadequate support and action from Local Authorities for illegal activities especially mining.
- Overlapping HCV values and co-management with HCV5 is a big challenge due to non-sustainable use of resources. Once activities are considered non-sustainable the value is lost.
- Intensive conservation management such as habitat enrichment is a great deviation from op business and may conflict financial viability.



Conservation challenges in Indonesia

5. HCV Monitoring.

- Limited practical guidance on monitoring.
- Most op companies lack expertise/ specialists to guide practical implementation.
- Dedicated staff extra expense so HCV PIC double up on roles then not so effective.
- Sustainability roles often seen as a dead end careers- can cause high turnover.
- Plantations tend not to monitor how effective the monitoring is.
- RSPO auditors overstep line to a role of consultants during audit process and plantations have to comply.



Lessons learnt

- HCV management plans and monitoring records are necessary to show active management of HCV areas to prove the land is not idle.
- Continual engagement with local and provincial government is vital for verification and recognition of HCV.
- Partnering with governments, NGOs and research institutions is essential and achieves greater success.
- Continual engagement with communities.



Lessons learnt 2

- Aerial photography highly useful in HCV management and monitoring change.
- Employing teams of HCV staff with staff numbers relevant to biodiversity and threat levels.
- Continual HCV training necessary.
- Annual updating and tweaking of monitoring systems necessary based on the feedback of field monitoring.
- Sustainability structures must ensure sufficient career opportunities to retain staff.
- Higher management support ensures success.



Good practices I

- Partnering with governments, NGOs and academic institutions.
- Education programmes with staff, workers and local communities.
- Tree nurseries for HCV enhancement and enrichment planting.
- Orangutan nest census surveys to manage and monitor any orangutan populations.
- Review of species specific management plans by relevant consultants.





Orangutan Education Programme YAYORIN, BKSDA and Wilmar



47 orangutan food plants species –Central Kalimantan

HCV enrichment programmes in Indonesia and Malaysia

Type	Partner	Project
Government	Sabah Forestry Department.	5 year Riparian Management Project Sabahmas Plantation, Malaysia. 2009-2014.
	Sabah Wildlife Department.	Honorary Wildlife Wardens, Sabahmas Plantation and Tabin Wildlife Reserve, Malaysia. Ongoing.
NGOs and multi-parties	BACP- Zoological Society London, Wildlife Conservation Society and the Indonesian Institute of Sciences (LIPI).	2009-2011: BACP ZSL-Wilmar project on "Increasing the effectiveness of the implementation of biodiversity P&C." 2012: Development of monitoring protocols and a software programme which will provide HCV monitoring tools to effectively monitor HCV areas in oil palm.
	Central Kalimantan Government and BOSF.	Orangutan Best Management Practices Project. May 2011-December 2012.





Riparian project using advanced pruning to allow light in for natural regeneration to compliment tree planting.





A PRACTICAL TOOLKIT FOR IDENTIFYING AND MONITORING BIODIVERSITY IN OIL PALM LANDSCAPES

Edited by: **Manuella Sophie Peres, Dolly Palma, Laura Wang, and Uli Jacklin**

VERSION 1, SEPTEMBER 2011
ENGLISH

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December 2011
Version 1, English

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FINAL DRAFT

HABITAT MONITORING MODULE

LAURA WANG & MICHAEL ZRUST

ZSL-Wilmar Project 2012

HCV monitoring protocol for oil palm landscapes
DRAFT FOR CONSULTATION

THREAT MONITORING PROTOCOL

Patrols

Review	Type of Patrol	Method	Start Date & Time	End Date & Time
621	Ecological National Park	monitoring	1/1/2009 11:30	1/1/2009 15
622	Ecological National Park	monitoring	1/2/2009 11:15	1/2/2009 15
623	Ecological National Park	monitoring	1/3/2009 10:00	1/3/2009 14
624	Ecological National Park	monitoring	1/4/2009 14:00	1/4/2009 18
625	Ecological National Park	monitoring	1/5/2009 14:00	1/5/2009 18
626	Ecological National Park	monitoring	1/6/2009 10:30	1/6/2009 14
627	Ecological National Park	monitoring	1/7/2009 11:30	1/7/2009 15
628	Ecological National Park	monitoring	1/8/2009 10:45	1/8/2009 15
629	Ecological National Park	monitoring	1/9/2009 10:00	1/9/2009 14
630	Ecological National Park	monitoring	1/10/2009 14:00	1/10/2009 18
631	Ecological National Park	monitoring	1/11/2009 11:15	1/11/2009 15
632	Ecological National Park	monitoring	1/12/2009 10:15	1/12/2009 13
633	Ecological National Park	monitoring	1/13/2009 10:15	1/13/2009 14
634	Ecological National Park	monitoring	1/14/2009 07:15	1/14/2009 14
635	Ecological National Park	monitoring	1/15/2009 14:00	1/15/2009 17
636	Ecological National Park	monitoring	1/16/2009 11:30	1/16/2009 15
637	Ecological National Park	monitoring	1/17/2009 10:00	1/17/2009 14
638	Ecological National Park	monitoring	1/18/2009 12:45	1/18/2009 16
639	Ecological National Park	monitoring	1/19/2009 11:45	1/19/2009 15
640	Ecological National Park	monitoring	1/20/2009 10:15	1/20/2009 13
641	Ecological National Park	monitoring	1/21/2009 10:00	1/21/2009 14
642	Ecological National Park	monitoring	1/22/2009 10:00	1/22/2009 14
643	Ecological National Park	monitoring	1/23/2009 10:00	1/23/2009 14
644	Ecological National Park	monitoring	1/24/2009 10:00	1/24/2009 14
645	Ecological National Park	monitoring	1/25/2009 10:00	1/25/2009 14
646	Ecological National Park	monitoring	1/26/2009 10:00	1/26/2009 14
647	Ecological National Park	monitoring	1/27/2009 10:00	1/27/2009 14
648	Ecological National Park	monitoring	1/28/2009 10:00	1/28/2009 14
649	Ecological National Park	monitoring	1/29/2009 10:00	1/29/2009 14
650	Ecological National Park	monitoring	1/30/2009 10:00	1/30/2009 14

Legend:
 - Patrol Intensity: 0-10, 11-20, 21-30, 31-40, 41-50, 51-60, 61-70, 71-80, 81-90, 91-100
 - Patrol Route: Red line, Green line, Blue line, Yellow line, Purple line, Orange line, Grey line
 - Other: Green area, Yellow area, Purple area, Orange area, Grey area

Good practices- 2

- Patrol monitoring.
- Biodiversity tree plots for long term monitoring.
- Camera trap monitoring- along trails or in grids for more accurate species monitoring.
- Six monthly rapid biodiversity assessments.
- Conservation education programmes with local schools.
- Research by students from local and international universities and institutions on biodiversity and ecosystem services.

Type	Partner	Project
Research Institutions	South East Asian Rainforest Research Programme, International and Malaysian and Indonesia Universities.	<p>Universities (MSc, PhD and Post-Doc students) Malaysia: Cambridge University, York University, University of Cumbria, Swansea University and the University of Malaysia Sabah.</p> <p>Projects- 3 year Darwin initiative project- “Developing tools for reducing biodiversity losses in tropical agricultural landscapes” 2009- August 2012.</p> <p>5 year Earthwatch project- ecosystem services and biodiversity in oil palm 2010-2015.</p> <p>Indonesia: MoU Andalas University, Padang 2012. Previous MoU was under ZSL –Wilmar project.</p>
Bankers/ Financial Institutions	HSBC Bank Malaysia	Sustainability courses to enable HSBC to practice better due diligence in order to comply with the Equator Principles 2009-2011.



Biodiversity and Ecosystem Services in Oil Palm:
Developing tools to assist in Malaysia's drive for sustainability in palm oil

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Conference held in Sabah 2011

Thank you to all partners for their collective intelligence, passion, support and commitment towards our conservation goals and objectives.

