

Contents

Preface

Chapter 1 Introduction

- Rehabilitation of Degraded Tropical Forest and Local Communities' 3
Incentive Living with the Forest, Shigeo Kobayashi

Chapter 2 Evaluation of use of tropical forests ecology resource by 17 local populace based on traditional knowledge.

- 2-1. Transformation and Continuation of Mangrove Charcoal Production 19
as Traditional Occupation on Batam Island, Indonesia., Yukari Harada,
Shigeo Kobayashi
- 2-2. Oil-palm-based agro-landscape in Tropical West Africa: Abundance, 30
stability, and its bottleneck., Gen Yamakoshi
- 2-3. Local Society-centered Perspectives for Forest Resources Management: 36
Progress Report of a Case Study at China-Lao Border Area., Yasuyuki
Kono and Le Zhang

Chapter 3 Development of a measure for semi-domestication of tropical 43 forests ecology resource.

- 3-1. Potential Carbon Sequestration by Rehabilitation of Degraded Peat 45
Swamp Forests in Giam Siak Kecil-Bukit Batu Biosphere Reserve,
Riau, Indonesia., Haris Gunawan, Shigeo Kobayashi, Kosuke Mizuno,
Yasuyuki Kono, Osamu Kozan
- 3-2. Smallholder Rattan Cultivation in Champhone District, Savannakhet 63
Province, Laos., Lamphoune Xayvongsa, Shinya Takeda
- 3-3. Forest Products of the Trans-Boundary Mekong River Watershed: 80
Lac and Teak in the Lao Forests., Shinya Takeda
- 3-4. Introduction of external plants into Agro-silvo-pastoral complex, 96
Tanzania., Juichi Itani
- 3-5. Peccary hunting and animal pets among Peruvian Amazon native 105
people., Kazunobu Ikeya

Chapter 4 Examination of resident participation system of forest ecology 115 resource use of local populace.

- 4-1. Impacts of agriculture on livelihoods of small farmers migrated into 117
the secondary forest in lower Amazon basin., Kanae
Ishimaru and Shigeo Kobayashi
- 4-2. Capacity of buffer zone for villagers' livelihood and forest conservation 131
in Gunung Halimun National Park, Indonesia., Miwa Kataoka



4-3.	The Management of Aquatic Resources in the Ou River Basin.,	146
	Phousavanh Phouvin, Akihisa Iwata, Shigeo Kobayashi	
4-4.	Safeguarding the access of indigenous communities to forest resources:	163
	Case studies from Nepal in light of REDD+, Tatsuro Fujikura	
4-5.	Participatory forest management systems in Nepal and challenges	176
	to make them sustainable., Jagannath Adhikari, Tatsuro Fujikura	
4-6.	Forestry regeneration in eastern Amazon and new challenges for	192
	de-regulated areas: A step towards REDD+?, Ochos Coutinho, Ana Paula Bastos, Silvio Brienza Júnior	
4-7.	Peasant migration and deforestation in Peruvian Amazon, Masahiro	196
	Ichikawa, Arbert Ricse, Julio Ugarte, Shigeo Kobayashi	
4-8.	Towards the Semi-domestication of Korarima (<i>Aframomum corrorima</i>	203
	(Braun) P.C.M. Jansen) Ethiopian cardamom in the forest of southern Ethiopia: Review of literature., Masayoshi Shigeta	
Chapter 5 Incentive for local populace to REDD and evaluation of carbon		205
credit by forest ecology resource use.		
5-1.	Incentivising local people's participation in REDD initiatives in	207
	Tanzania through mainstreaming institutional complexity., Christopher P.I. Mahonge, Jyuichi Itani	
5-2.	Incentive of local community for REDD and evaluation of carbon	220
	credit by forest ecological resources utilization. Shigeo Kobayashi, Haris Gunawan, Anoulom Vilyayphone, Julio Ugarte, Kanae Ishimaru	

Conclusion

