



Lutz Fehrmann (Herausgeber)  
Christoph Kleinn (Herausgeber)

**Forests in Climate Change Research and Policy: The  
Role of Forest Management and Conservation in a  
Complex International Setting**



Lutz Fehrmann and Christoph Kleinn (Eds.)

Proceedings of the 3<sup>rd</sup> International DAAD Workshop

Forests in Climate Change Research and Policy:  
The Role of Forest Management and Conservation  
in a Complex International Setting

28<sup>th</sup> November to 2<sup>nd</sup> December 2012  
Dubai and Doha



Cuvillier Verlag Göttingen  
Internationaler wissenschaftlicher Fachverlag

<https://cuvillier.de/de/shop/publications/6344>

Copyright:

Cuvillier Verlag, Inhaberin Annette Jentsch-Cuvillier, Nonnenstieg 8, 37075 Göttingen,  
Germany

Telefon: +49 (0)551 54724-0, E-Mail: [info@cuvillier.de](mailto:info@cuvillier.de), Website: <https://cuvillier.de>



# Contents

## ***Chapter One: The Role of Forests and their Management under Climate Change***

Forest management and climate change <i>Achim Dohrenbusch</i>	3
The medium-term forest management plan also for complex and changing situations <i>Hanns Höfle</i>	13
Development of silvicultural models for multifunctional forest management: its systematic consideration and application in the tropical forestry experiment center, Southwestern China <i>Yuanchang Lu, Xianzhao Liu</i>	27
Participatory Forest Management as a method of conservation <i>Tsegay G. Gebreyesus, Jeanne Roux</i>	39
Introductory of Commune Land Use Planning (CLUP), a tool for Participatory Forest Management Thailand and Cambodia's perspective <i>Soveat Vuth, Suphawadee Wilamart</i>	53

## ***Chapter Two: Methodological Issues: International Policy Processes***

Introduction on Standards and methodologies for Carbon Projects <i>Sabine Schreiner</i>	63
Painting it REDD? Considering the Status of Forests in International Law <i>Anja Eickermann</i>	69
International reporting processes on sustainable forest management and evolving issues of fragmentation <i>Almut Jenke</i>	81
Discursive multilevel REDD+ Governance <i>Anne F. Itubo and Lukas Giessen</i>	91

## ***Chapter Three: Methodological Issues: Remote Sensing***

Above Ground Biomass Estimation of Dry Land Forest using ALOS PALSAR in Central Kalimantan <i>I Nengah Surati Jaya</i>	107
Remote sensing potentials to estimate forest carbon stocks in Indonesia and Nepal in the context of REDD+ <i>Eva Achmad, Utsab Thapa</i>	125



## **Chapter Four: Country Cases on forest management under climate change**

Is the Forestry Sector in Myanmar approaching International Contexts? Potential and Challenges <i>Ohn Lwin</i>	141
Amazonian forests and adaptation to climate change: remarks in Bolivia and Peru <i>Maria Camila Florez Bossio, Paola Sarela Pozo Inofuentes</i>	153
Effect of Agricultural land expansion on Deforestation and its implication on climate change in Ethiopia and Zimbabwe context <i>Ambachew Getnet, Fungai Svondo</i>	165
Conservation and Multiple Purpose Dam Management in North Benin: Challenges and Opportunities <i>Check Abdel Kader Baba</i>	173
Optimisation of financial returns from environmental services on plantation forestry estates in South Africa <i>Cornelis Ham</i>	189
Dynamic of REDD+ in Indonesia, opportunities and challenges, case study Hutan Nagari Indonesia <i>Fitria Rinawati, Santi Pratiwi</i>	201
Implementation of REDD+ policy and its effects in national level Brazil and Nepal <i>Smita Das, Livia Menezes Pagotto</i>	217
REDD+ in China: Opportunities and Challenges <i>Haijun Yang</i>	229
REDD+ and community forests in Myanmar and Thailand <i>Ratchada Arpornsilp, Myint Zaw Min</i>	235

## **Annex**

Workshop Program	247
Workshop participants	250