

GOFC-GOLD

Global Observation of Forest and Land Cover Dynamics



Sourcebook update : overview and summary of new sections



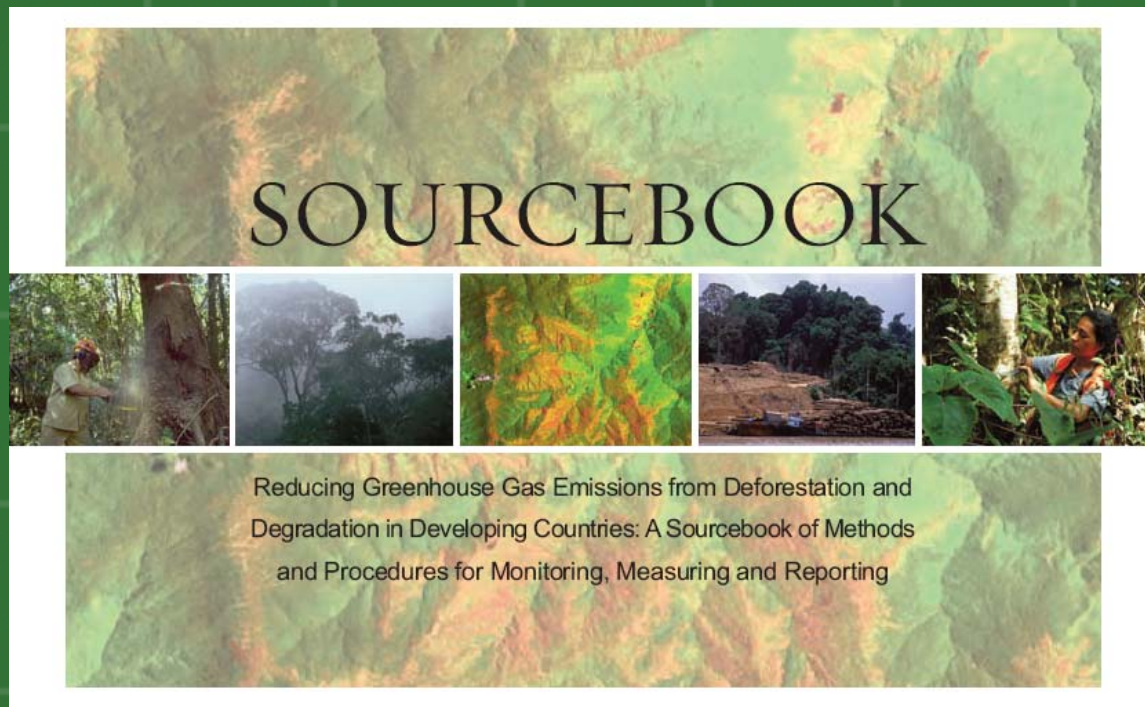
Side-event, Poznan 3rd December 2008

*"Monitoring REDD using the GOFC-GOLD Sourcebook:
Practical examples for data collection "*

What is GOFC-GOLD?

- A technical panel of the UN Global Terrestrial Observing System (GTOS)
- A coordinated international effort:
 - to ensure a continuous program of space-based and field forest observations for global monitoring of terrestrial resources
- A network of participants implementing coordinated research, demonstration and operational projects
- A vision to share data, information and knowledge
- GOFC-GOLD operates through:
 - Executive committee, Science and technical board
 - Implementation teams and 3 project office (CA, US, Germany)
 - **Dedicated working groups**
 - 6 Regional networks

Second Draft of Sourcebook presented in Bali



Version COP13.2 includes:

- Edits from comments received through international review process
- Updated sections, i.e. on fire monitoring, accuracy assessment, national forest inventories ...

Sourcebook objectives

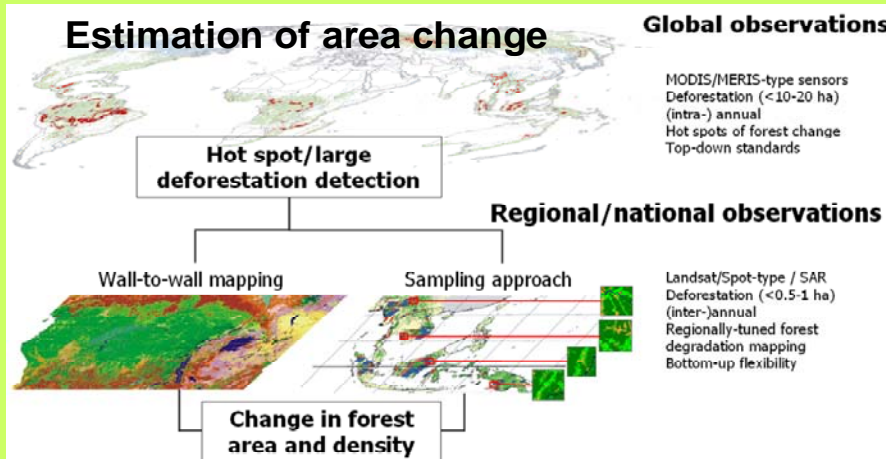
1. To provide transparent methods that are designed to produce estimates of changes in forest area and carbon stocks from deforestation and degradation
 - in a format that is user-friendly
2. To complement the IPCC GPG-LULUCF (2003) and IPCC Guidelines-AFOLU (2006) by providing additional explanations and enhanced methods
3. To support REDD early actions at national level

Sourcebook rationale

1. Consensus perspective from earth observation & carbon measurement and accounting experts:
 - 2nd. draft: 14 authors from 11 organizations
 - GOFC-GOLD platform to formulate scientific and technical consensus
 - User-friendly synthesis of technical procedures
2. Based on status of negotiations and UNFCCC approved methodologies and definitions

Sourcebook initial format

Chapter 1 and 2: Introduction and definitions



Chapter 3

Estimation of carbon stocks

Good Practice Guidance for Land Use, Land-Use Change and Forestry

SOURCEBOOK FOR LAND USE, LAND-USE CHANGE AND FORESTRY PROJECTS

Timothy Pearson, Sarah Walker and Sandra Brown

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
helping to build a world without hunger

Forestry

Forestry home | FAO home | english français español

Chapter 4

Chapter 5
Estimation of CO₂ emissions

Chapter 6
Guidance on reporting of CO₂ emissions

Steps forward planned at SBSTA 28

- In the next years many capacity building activities will take place at regional and national levels
- The next version of the GOFC-GOLD REDD sourcebook is intended to offer technical guidance for collecting key data for national REDD implementation activities

Proposed Table of Content (for next SBSTA)

1. INTRODUCTION

2. METHODOLOGICAL SECTION

3. PRACTICAL EXAMPLES FOR DATA COLLECTION

4. GUIDANCE ON REPORTING

New sections are indicated in red

Proposed Table of Content (for next SBSTA)

1. INTRODUCTION

1.1 Purpose and Scope of the Sourcebook

1.2 Issues and Challenges

2. METHODOLOGICAL SECTION

2.1 Guidance on Monitoring of Changes in Forest Area

Monitoring of changes of forest areas - deforestation and reforestation

Monitoring of forest area changes within forests

2.2 Estimation of Carbon Stocks

2.3 Estimation of Soil Carbon stocks

2.4 Methods for estimating CO₂ Emissions from D. & D.

2.5 Methods for estimating GHG's Emissions from biomass burning

2.6 Estimation of uncertainties

2.7 Status of evolving technologies



GOFC-GOLD

Proposed Table of Content (for next SBSTA)

3. PRACTICAL EXAMPLES FOR DATA COLLECTION

3.1 Overview of annex-I GHG's national inventories on LULUCF

3.2 Overview of existing forest area changes monitoring systems

3.3 National forest inventories

3.4 National carbon assessment through carbon budget model

3.5 Data collection at local / national level

4. GUIDANCE ON REPORTING



Acknowledgement

Sponsors of the Global Terrestrial Observing System:



Sourcebook authors:

Core authors: Frederic Achard, Sandra Brown, Ruth De Fries, Giacomo Grassi, Martin Herold, Danilo Mollicone, Carlos Souza Jr.

Contributing authors: Barbara Braatz, Ivan Csiszar, Diane Davies, Bill de Groot, Sandro Federici, Nancy Harris, Suvi Monni, Devendra Pandey, Tim Pearson, David Shoch, Curtis Woodcock

Support for GOF-C-GOLD REDD working group and Sourcebook preparation:

