

Task Force on National Greenhouse Gas Inventories



Future IPCC TFI Products: Wetlands & KP LULUCF Supplements

Tiffany Troxler
IPCC TFI TSU
SB38 Side Event
8 June, 2013
Bonn, Germany



ipcc
INTERGOVERNMENTAL PANEL ON climate change

Introduction

- The TFI is producing two additional guidance volumes, extending and updating the *2006 IPCC Guidelines*
 - *2013 Supplement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories: Wetlands*
 - *2013 Revised Supplementary Methods and Good Practice Guidance Arising from the Kyoto Protocol*

*2013 Supplement to the 2006 IPCC
Guidelines for National Greenhouse Gas
Inventories: Wetlands*

Background

- When the TFI produced the *2006 IPCC Guidelines* it was only possible to provide guidance on a few wetland types: organic soils (mainly drained peatlands), peatlands managed for peat extraction, and limited guidance on flooded lands.
- Since then scientific knowledge has increased and the IPCC has decided it is now time to cover these missing wetlands types.
- In addition, the UNFCCC has decided to include **wetlands drainage and rewetting** in the Kyoto Protocol

The Wetlands Supplement - progress to Date

- SBSTA invited the IPCC to prepare this additional guidance aiming to complete it by October 2013
- Work is progressing well with the Government/Expert Review (the second review) completed on **14 Apr 2013**
- The Fourth Lead Author meeting concluded in Manaus, Brazil on 24 May 2013.
- The document is currently undergoing revision by the authors.

The Supplement will include

- More detail on *inland organic soils*.
 - *peatlands* are included within organic soils.
 - updated emission factors for drained tropical peatlands
 - new guidance on DOC and CH₄ from ditches
- New Guidance on the *rewetting of peatlands and organic soils*.
- New Guidance on *coastal wetlands*
 - including mangroves, tidal marshes and seagrass meadows
- New Guidance on *inland wetland mineral soils*.
- New Guidance on *constructed wetlands for wastewater treatment*.

More information is available at our website:

<http://www.ipcc-nggip.iges.or.jp/home/wetlands.html>

*2013 Revised Supplementary Methods
and Good Practice Guidance Arising
from the Kyoto Protocol*

Background

- Under the Kyoto Protocol, developed countries have to report GHG emissions and removals for a specific set of activities in the Land use, Land-use Change and Forestry (LULUCF) sector
- The IPCC provided specific guidance to countries on how to meet these requirements
- At its meeting in Durban in December 2011 the UNFCCC decided to have a second commitment period under the Kyoto Protocol but with revised reporting requirements for developed countries

The KP Supplement – progress to date

- The UNFCCC invited the IPCC to update its guidance for the Kyoto Protocol and the IPCC agreed aiming to complete this work by Oct 2013
- The Government and Expert review of the Second Order Draft was completed on **2 June 2013**
- The Fourth Lead Author meeting will convene in Chiang Mai, Thailand 14 July 2013.

The Supplement will include

1. INTRODUCTION

- 1.1. Overview of Steps to Estimating and Reporting Supplementary Information for Activities under Articles 3.3 and 3.4
- 1.2. General Rules for Categorisation of Land Areas under Articles 3.3 and 3.4
- 1.3. Relationship between Annex I Parties' National Inventories and Article 6 LULUCF Projects

2. METHODS FOR ESTIMATION, MEASUREMENT, MONITORING AND REPORTING OF LULUCF ACTIVITIES UNDER ARTICLES 3.3 AND 3.4

- 2.1. Relationship between UNFCCC Land-Use Categories and Kyoto Protocol (Articles 3.3 and 3.4) Land-Use Categories
- 2.2. Generic Methodologies for Area Identification, Stratification and Reporting
- 2.3. Generic Methodological Issues for Estimating Carbon Stock Changes and Non-CO₂ Greenhouse Gas Emissions
- 2.4. Other Generic Methodological Issues
- 2.5. Afforestation and Reforestation
- 2.6. Deforestation
- 2.7. Forest Management
- 2.8. Harvested Wood Products
- 2.9. Cropland Management
- 2.10. Grazing Land management
- 2.11. Revegetation
- 2.12. Wetland Drainage and Rewetting

More information is available at our website:
http://www.ipcc-nggip.iges.or.jp/home/2013KPSupplementaryGuidance_inv.html

Task Force on National Greenhouse Gas Inventories



Danke Schön!