

IPCC TFI: Recent Activities

The 14th Workshop on GHG Inventories in Asia (WGIA14)
- Capacity building for measurement, reporting and verification-
26-29 July, 2016
Ulaanbaatar, Mongolia

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Outline

- Background
- IPCC TFI Activities and Products
 - Methodology Reports (e.g. inventory guidelines)
 - Emission Factor Database (EFDB)
 - IPCC Inventory Software
 - Support to Training Programmes on GHG Inventories
 - Other Activities and Products

Background

- Task Force on National Greenhouse Gas Inventories (TFI) was established in 1998 by the IPCC
- The objectives of the IPCC TFI are:
 - To develop and refine an internationally-agreed methodology for calculation and reporting of national GHG emissions and removals
 - To encourage the widespread use of this methodology by countries participating in the IPCC and by Parties of the United Nations Framework Convention on Climate Change (UNFCCC)
- Technical Support Unit (TSU) provides support to the TFI under the overall supervision of the Bureau of the TFI (TFB)
- The TFI will be retained with current mandate and structure under the next assessment cycle: starting in October 2015 and ending one year after the session at which the final product of the AR6 has been accepted (Decision IPCC/XLI-4)

Methodology Reports (1)

- The TFI initiated the technical assessment of the IPCC Guidelines in 2015
 - On-line questionnaire survey (30 January - 27 February 2015)
 - Expert Meeting on Energy, IPPU and Waste Sectors (29 June - 1 July 2015, Geneva, Switzerland)
 - Expert Meeting on AFOLU Sector (13-16 July 2015, Sao Paulo, Brazil)
 - Expert Meeting to Follow-up on Specified Issues from the 2015 Expert Meetings (25-26 April 2016, Wollongong, Australia)
 - Expert Meeting on Cross-Sectoral Issues (27-29 April 2016, Wollongong, Australia)
- The technical assessment revealed that there has been abundant new scientific and empirical knowledge published since 2006 which the IPCC should take into account
- Consequently, the necessity and usefulness of refinement of the current methodological guidance (e.g. updating default emission factors) has been recognized by the TFB

Methodology Reports (2)

- 43rd Session of the IPCC (IPCC-43) held in Nairobi, Kenya (11-13 April 2016) approved the proposal on “Refinement of 2006 IPCC Guidelines for National Greenhouse Gas Inventories, including production of a Methodology Report(s)” as contained in Annex 1 to Decision IPCC/XLIII-8
 - The refinement of the current available guidance is necessary in order to provide an updated and sound scientific basis for future international climate actions, particularly those under the Paris Agreement
 - The refinement work will not revise the 2006 IPCC Guidelines, but will provide an update, supplement and/or elaboration of the 2006 IPCC Guidelines. The outcome of this refinement work will not replace the 2006 IPCC Guidelines, but would be used in conjunction with the 2006 IPCC Guidelines

Methodology Reports (3)

- IPCC-43 approved the TFI's proposal to hold a scoping meeting for the preparation of the Methodology Report(s)
 - The meeting is planned to be held on 29-31 August 2016, Minsk, Belarus
 - Draft terms of reference, draft table of contents and draft work plan for the proposed Methodology Report(s) will be prepared at this meeting and will be submitted for consideration and approval at IPCC-44 in October 2016
- The IPCC Panel will decide whether to prepare a report and agree on its scope, outline and work plan including schedule and budget, and format of the final product(s)

IPCC EFDB (1)

- Library of emission factors/parameters and other relevant data
 - Default values from IPCC Guidelines
 - Data from peer-reviewed scientific papers
 - Data from other publications (e.g. government reports, industry studies etc.)

<http://www.ipcc-nggip.iges.or.jp/EFDB/>
- Evolves dynamically – data proposals (e.g. inventory compilers, researchers) and data collection efforts (e.g. expert meetings)
 - Open to any data proposals
 - Data proposals are evaluated by EFDB Editorial Board
- Communication platform for distribution of new research and measurement data

IPCC EFDB (2)

- Annual meeting of the Editorial Board: to evaluate data proposals and discuss how to enhance/improve the EFDB
 - 13th Meeting of Editorial Board (18-20 November 2015, Hayama, Japan). About 360 data were accepted by the Editorial Board for inclusion into the EFDB
 - 14th Meeting of Editorial Board (to be held in December 2016, Indonesia)
- Continuing efforts for data collection
 - 11th and 12th Expert Meetings on Data for Energy and IPPU sectors (19-20 November 2015, Hayama, Japan)
 - 13th and 14th Expert Meetings on Data (to be held in December 2016, Indonesia)
 - Data collection by TSU (e.g. literature search)
- Other activities (e.g. improvements of website, user-interface, data entry form)

IPCC Inventory Software (1)

- Implements the 2006 IPCC Guidelines, but can also be used for reporting under the Revised 1996 IPCC Guidelines
 - Output in reporting tables for national communications from Non-Annex Parties
 - Can be used for the whole inventory or individual categories
- Database based, does not require internet access or expensive hardware, freely available at IPCC TFI website

<http://www.ipcc-nggip.iges.or.jp/software/index.html>

- Includes Uncertainty Analysis and Key Category Analysis tools, and aids QA/QC
- Can export/import inventory data (e.g. worksheet data) and generate reporting tables (e.g. sectoral and background)
- The latest version is released in March 2016 (ver. 2.17)

IPCC Inventory Software (2)

- Continuing support to users
 - Help Desk:
ipcc-software@iges.or.jp
 - Web Forum:
<https://discussions.zoho.com/ipccinventorysoftware/>
- Organizing expert meetings annually
 - Expert meeting to collect EFDB and Software users' feedback (25-28 January 2016, Kobe, Japan)
- Work to incorporate Tier 2 methods is underway

Support to Training Programmes on GHG Inventories

- TFI itself does not organize training programmes
- However, provides technical support to those hosted by others through attendance of TSU staff as resource persons, e.g.;
 - Africa Regional Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems (27-29 October 2015, Windhoek, Namibia)
 - Africa Regional Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems, and the Use of 2006 IPCC Guidelines for National Greenhouse Gas Inventories (14-18 March 2016, Maseru, Lesotho)
 - The Latin America and Caribbean Workshop on the Building of Sustainable National Greenhouse Gas Inventory Management Systems, and the Use of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories (6-10 June 2016, Panama City, Panama)

Other Activities and Products

- Expert meetings
 - Supporting users of the IPCC Guidelines addressing various topics of concern
- Supporting materials
 - Technical bulletins, primer of the 2006 IPCC Guidelines, brochures etc.
- Frequently Asked Questions (FAQs) website
 - Continuously updated

Task Force on
National Greenhouse Gas Inventories

ipcc
INTERGOVERNMENTAL PANEL ON climate change



IPCC web sites



Home IPCC

IPCC-TFI Home

Organization

Publications

Inventory Software

Meetings

FAQs

Links

Emission Factor Database (EFDB)

[Electronic Discussion Group \(EDG\)](#)

The Intergovernmental Panel on Climate Change (IPCC) was established by the World Meteorological Organization (WMO) and the United Nations Environment Programme (UNEP) in 1988. Its main objective was to assess scientific, technical and socio-economic information relevant to the understanding of human induced climate change, potential impacts of climate change and options for mitigation and adaptation. The IPCC has completed four assessment reports, developed methodology guidelines for national greenhouse gas inventories, special reports and technical papers. For more information on the IPCC, its activities and publications, please see the [IPCC homepage](#).

The IPCC National Greenhouse Gas Inventories Programme was managed from 1991 by the IPCC WG I in close collaboration with the Organisation for Economic Co-operation and Development (OECD) and the International Energy Agency (IEA) until its transfer to the IPCC's Task Force on National Greenhouse Gas Inventories (TFI) based in Japan in 1999.

[[More](#)]

Wetlands Supplement

The 2013 Supplement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories: Wetlands (Wetlands Supplement) was

Thank you

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