

Perspectives of the IPCC Task Force on National Greenhouse Gas Inventories

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IPCC-TFI: mandate

“The Task Force is mandated to carry out the work, as approved by the Panel, on inventory-related methodologies and practices.”

IPCC-18, 2001

The Task Force on Inventories (TFI) shall provide overall guidance for the National Greenhouse Gas Inventories Programme (NGGIP)

« The objective of the IPCC National Greenhouse Gas Inventories Programme is to assess and develop as needed methods and practices for national greenhouse gas inventories in accordance with the IPCC programme of work as approved by the Panel; overall guidance for the NGGIP shall be provided by the Task Force on Inventories (TFI)... »

IPCC-16, 2000

TFI Responsibilities are Defined by the IPCC

- Developing methods for estimating emissions of GHGs by sources and removals by sinks
- Assessing and developing methods to quantify and to manage uncertainties in the estimates of GHGs
- Assessing the scientific literature related to the development of GHG emission factors and management of inventories
- Disseminating information related to inventory methods and practices
- Identifying the implications of the different options in relation to inventory methods and practices
- Assessing scientific issues related to independent verification

IPCC-16, 2000

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INTERGOVERNMENTAL PANEL ON climate change

TFI Products

- Reports and Software

[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](#)

[2006 IPCC Guidelines for National Greenhouse Gas Inventories \(5 Volumes\)](#)

[Good Practice Guidance for Land Use, Land-Use Change and Forestry](#)

[Definitions and Methodological Options to Inventory Emissions from Direct Human-induced Degradation of Forests and Devegetation of Other Vegetation Types](#)

[Good Practice Guidance and Uncertainty Management in National Greenhouse Gas Inventories](#)

- Technical Bulletins

[Use of Facility-Specific Data in National Greenhouse Gas Inventories](#)

TFI Products (continued)

- Supporting Material (Expert Meeting Reports)

Meeting report: "Report of IPCC Scoping Meeting for a Methodology Report(s) to refine the 2006 IPCC Guidelines for National Greenhouse Gas Inventories"

29-31 August, 2016, Minsk, Belarus

Meeting report: "Joint FAO-IPCC-IFAD Expert Meeting: Emerging activities to combat climate change – use of FAO data and IPCC GHG Inventory Guidelines for Agriculture and Land Use"

13-14 November, 2014, Rome, Italy

Minutes: "Expert meeting to collect EFDB and Software users' feedback"

17-19 March 2015, Okinawa, Japan

Minutes: "Expert meeting to collect EFDB and Software users' feedback"

14-16 October 2014, Hayama, Japan

Meeting report: "Application of 2006 IPCC Guidelines to Other Areas"

1-3 July 2014, Sofia, Bulgaria

Meeting report: "IPCC Expert Meeting: Role of Remote Sensing in Forest and National Greenhouse Gas Inventories"

23-25 October 2012, Hayama, Japan

Meeting report: "IPCC Expert Meeting on HWP, Wetlands and Soil N₂O"

19-21 October 2010, Geneva, Switzerland

Meeting report: "Use of Models and Facility-Level Data in Greenhouse Gas Inventories"

9-11 August 2010, Sydney, Australia

Meeting report: "Expert Meeting on Uncertainty and Validation of Emission Inventories"

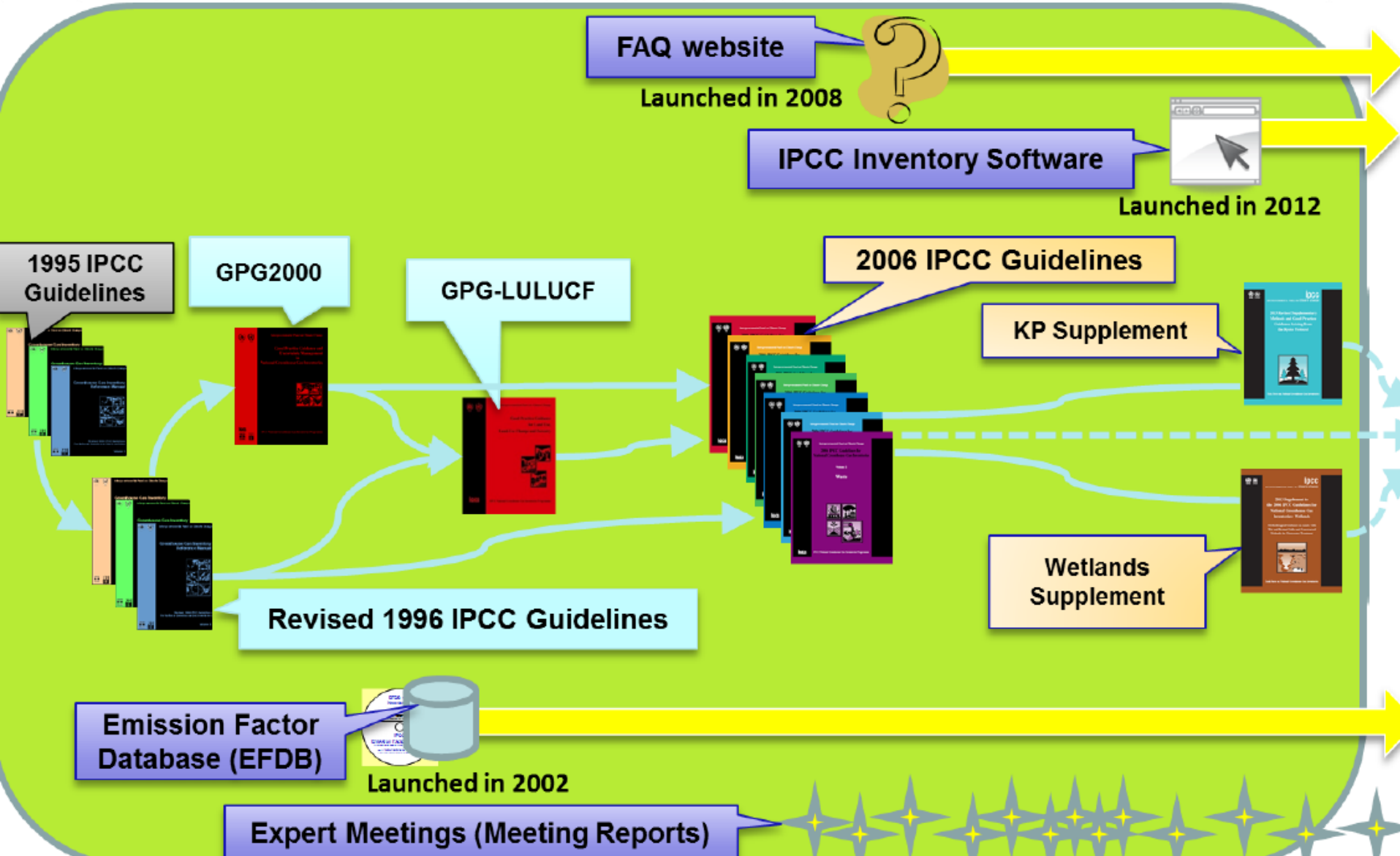
23-25 March 2010 Utrecht, Netherlands

Meeting report: "National Forest GHG Inventories – A Stock Taking"

23-25 February 2010 Yokohama, Japan

TFI Products

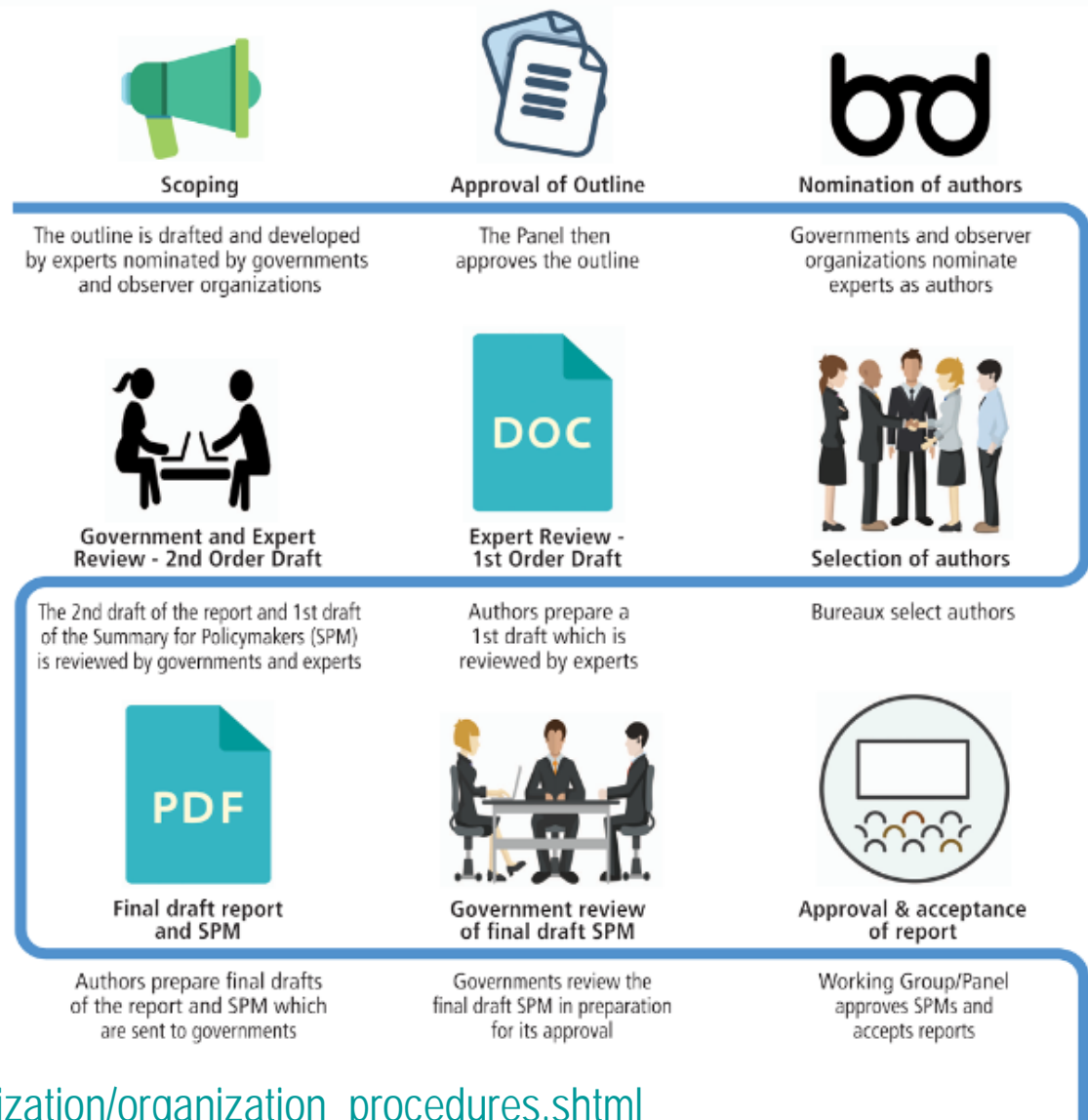
1995 1996 ... 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014



TFI Processes



The writing and review process for Methodology Reports is the same as with Assessment Reports



http://www.ipcc.ch/organization/organization_procedures.shtml

Aerosols in TFI Products

- IPCC considered the inclusion of aerosols in 2006 IPCC Guidelines for National GHG Inventories
- Guidance on aerosols excluded from the 2006 IPCC GLs (IPCC-21, 2003)
- Expert meeting held in Geneva in 2005, held by TFI with WG-I assistance (IPCC-21 and IPCC-22, 2004)
- To conduct a preliminary assessment of issues related to developing estimates for anthropogenic emissions of aerosols
- To discuss the methodological approaches and related issues for estimating emissions of aerosols

2005 IPCC Expert Meeting on Aerosols: Conclusions

- Large uncertainties exist in emissions of aerosols relevant to climate change, that undermine comparability and interpretation
- Reducing uncertainties rely on improved methodologies, interpretation of results in light of measurement methods
- IPCC not responsible for carrying out research on measurement standards
- Additional meetings should be held, involving TFI, WGI and aerosol inventory experts

http://www.ipcc-nggip.iges.or.jp/public/aerosols/Geneva_200505.html

Next Steps: 2019 Methodology Report

- Outcome of a two-year technical assessment of the 2006 Inventory Guidelines
 - Assessment of progress in science and data availability
 - On-line questionnaire survey – 243 experts
 - Four expert meetings in 2015-2016
- Scoping Meeting in Minsk, Belarus (August 2016)
- ToR and ToC for 2019 MR approved at IPCC-44 in Bangkok (October 2016)
 - ~200 Lead Authors, 12 Coordinating Lead Authors, 12 Review Editors (exact numbers can change)
 - Four Lead Author Meetings in 2017-2018

2019 Methodology Report Work Plan

Table 1: Work Plan

Date	Action	Comments
October 2016	IPCC-44	IPCC Plenary approves ToR, chapter outline, work plan and guidance to authors
November 2016	Call for Nomination of Authors and Review Editors	IPCC invites nominations from governments and international organizations
February 2017	TFB select Authors and Review Editors	Selection by TFB considering expertise and geographical coverage
June 2017	1 st Lead Author Meetings	LAM1a (non-AFOLU) and LAM1b (AFOLU) and LAM1c (General Guidance Reporting). To develop zero order draft
September 2017	2 nd Lead Author Meeting	To develop first order draft for review
December 2017– January 2018	Expert Review	8 weeks review by experts
March 2018	Science Meeting	A small meeting of CLAs and some LAs to discuss specific issues that require intensive discussion to reinforce the writing process.
April 2018	3 rd Lead Author Meeting	To consider comments and produce second order draft for review
xxx 2018	Literature cut-off date	Only papers published before this date will be considered
July-August 2018	Government & Expert Review	8 weeks review by governments and experts
October 2018	4 th Lead Author Meeting	To consider comments and produce final draft
January 2019	Government Review	Distribute to governments for their consideration prior to approval (at least 4 weeks prior to the Panel)
May 2019	Adoption/acceptance by IPCC-49	Final draft submitted to IPCC Panel for adoption/acceptance
xxx 2019	Distribute Report	Distribute to governments and international organizations

Thank you – Questions?

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