



Introduction to the WGIA18

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The 18th Workshop on Greenhouse Gas Inventories in Asia

12th July, 2021

Workshop on Greenhouse Gas Inventories in Asia (WGIA)



Workshop title:	Workshop on Greenhouse Gas Inventories in Asia (WGIA)
Objective:	To support countries in Asia to improve the quality of inventories via regional information exchange
Organizers:	Ministry of the Environment of Japan National Institute for Environmental Studies
Member countries:	Bhutan, Brunei, Cambodia, China, India, Indonesia, Japan, Republic of Korea, Lao P.D.R., Malaysia, Mongolia, Myanmar, Philippines, Singapore, Thailand, Vietnam (16 countries)
Participants:	Government officials, researchers and compilers
Style:	Annual workshop since 2003
Funds:	Ministry of the Environment of Japan

Necessity of GHG Inventory



- National GHG inventory for the Transparency Framework under the Paris Agreement

- Inventories form the basis of rational policy development because they can be used:
 - to identify the major sectors where abatement will have a real impact.
 - to predict and compare impacts of mitigation measures.
 - to choose efficient/ effective options.

- Inventories are essential to monitoring of impacts of mitigation policies and measures.
 - Policy makers need to know if policies are working.
 - Inventory methods should be chosen to reflect impacts of mitigation actions.

What do we do to improve our inventories in WGIA?



- Updating inventory related information of each participating country
- Sharing experiences concerning inventory development, preparation
- Identifying common issues and discussing possible solutions
- Discussion on cross-cutting and sector-specific issues concerning inventory
- Mutual Learning since 2011: In-depth methodological discussion between 2 countries by inventory-compilers

Outcomes

- Development of a network for inventory experts
- Presentations made by the participants in the workshop are available on URL: <http://www.nies.go.jp/gio/en/wgia/index.html>
- Workshop proceeding are published



WGIA History

WGIA1:	Phuket, Thailand, 13-14 Nov. 2003	Starting with 11 countries Identified problems and needs of support
WGIA2:	Shanghai, China, 7-8 Feb. 2005	Shared information and experiences gained through inventory development
WGIA3:	Manila, Philippines, 23-24 Feb. 2006	Malaysia becomes member countries Discussed technical matters on each sector inventory
WGIA4:	Jakarta, Indonesia, 14-15 Feb. 2007	Singapore and Myanmar become member countries Organized working groups and discussed sector specific issues
WGIA5:	Kuala Lumpur, Malaysia, 6-8 Sep. 2007	Identified needs for further inventory improvement
WGIA6:	Tsukuba, Japan, 16-18 July 2008	Reaffirmed the importance of inventory development
WGIA7:	Seoul, Republic of Korea, 7-10 July 2009	Shared information and experiences / Discussed sector specific and cross cutting issues
WGIA8:	Vientiane, Lao P.D.R., 13-16 July 2010	
WGIA9:	Phnom Penh, Cambodia, 13-15 July 2011	Newly started "Mutual Learning"
WGIA10:	Hanoi, Viet Nam, 10-12 July 2012	Shared information and experiences / Conduct Mutual Learning
WGIA11:	Tsukuba, Japan, 5-7 July 2013	
WGIA12:	Bangkok, Thailand, 4-6 August 2014	
WGIA13:	Bali, Indonesia, 4-6 August 2015	Brunei become member countries
WGIA14:	Ulaanbaatar, Mongolia, 26-28 July 2016	Poster session (Sharing the specific issues)
WGIA15:	Nay Pyi Taw, Myanmar, 11-13 July 2017	
WGIA16:	New Delhi, India, 10-13 July 2018	
WGIA17:	Singapore, 30 July - 2 August 2019	Bhutan become member countries
2020	On-line Mutual Learning, 21, 22, 28 July 2020	



Achievements of WGIA

Strengthened a network of regional experts



WGIA1 in Thailand (2003)



WGIA17 in Singapore (2019)

Dissemination

- Website
- Proceedings

The image shows a screenshot of the WGIA website on the left and the cover of the "Proceedings of the 12th Workshop on Greenhouse Gas Inventories in Asia (WGIA12)" on the right. The website screenshot includes the NIES logo, navigation menus, and a main heading "Workshop on Greenhouse Gas Inventories". The proceedings cover features the title, subtitle "Capacity building for measurability, reportability and verifiability", the date "4-6 August 2014, Bangkok, Thailand", a group photo, and logos for the Greenhouse Gas Inventory Office of Japan (GIO), CGER, NIES, and the Center for Global Environmental Research. A search bar at the bottom of the website is also visible.

Welcome to WGIA18!

About **100** participants from ...



15 Member
Countries in
Asia:

Government officials, researchers, compilers from:
Bhutan, Brunei, Cambodia, China, India, Indonesia, Japan, Lao P.D.R., Malaysia, Mongolia, Myanmar, Philippines, Singapore, Thailand, and Vietnam.

Japan's
Organizations:

- Ministry of the Environment (MOE),
- National Institute for Environmental Studies (NIES),
- Institute for Global Environmental Strategies (IGES),
and so on...

International
Organizations
& observers:

- United Nations Framework Convention on Climate Change
- IPCC Task Force on National GHG Inventories,
- Food and Agriculture Organization of the United Nations
- Pakistan,
- United States Environmental Protection Agency,
and so on...

Virtual Participation Guidelines



- Sessions are **recorded** for the purpose of creating WGIA's proceedings.
- Please keep your **microphone muted** and your **camera switched off** during the meeting.
- Avoid backlight and sit in a **quiet place** when speaking.
- Change your username as follows.

<Country/Organization> <First Name> <Last Name>

Click "Participants" > "More" > "Rename".

- When requesting to speak,
 - Please **use the chat function** in order to be acknowledged.
 - ※Do not raise the virtual hand
 - Please **write "hand" only** in the chat.
 - ※Do not write your question in the chat.

The floor will be given in the order requests appear in the chat.
- When you are given the floor,
 - Please unmute your microphone (and if able, turn your camera on)
 - Identify yourself

Zoom Meeting interface showing a slide with the name **Hiroshi Ito**. The bottom toolbar includes icons for Mute, Start Video, Security, Participants (1), Chat, Share Screen, Record, Reactions, and End. A 'Raise Hand' button is highlighted with a red 'X' and a callout bubble that says 'Click here'.

Chat

From Me to Everyone:

hand

Who can see your messages?

To: Everyone

File ...

Type message here...

Workshop flow



During the workshop

- Poster Session

Day 1: 8th July, Thursday

- Mutual Learning (Closed Session)

Day 2: 9th July, Friday

- Mutual Learning (Closed Session)

Day 3: 12th July, Monday

- Opening Session
- **Session I:** Updates on the GHG Inventory of National Communications (NCs) and Biennial Update Reports (BURs) from non-Annex I Parties

Day 4: 13th July, Tuesday

- **Session II:** Transition to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories and Resources That Will Facilitate Compilation

Day 5: 14th July, Wednesday

- **Session III:** National GHG Inventory for the Transparency Framework Under the Paris Agreement
- Closing Session

10 Joint Meeting of the WGIA Organizing Committee (OC) and Advisory Board (AB) (Closed Session)

Poster session



WGIA18 (8th July - 14th July, 2021) | P-1 GIO/NIES - WGIA18 WGIA18

The 18th Workshop on Greenhouse Gas Inventories in Asia (8th July - 14th July, 2021)

This website will be accessible until 21st July



WGIA is a workshop to assist countries in Asia to improve the quality of their greenhouse gas inventories and build capacity for inventory preparation by promoting the exchange of information and experiences obtained in the region.

[Log in](#)

Information

You need an ID & Password to log in to Communication page. Registered participants will receive the URL for your ID & password registration shortly.

Overview of WGIA18

In the upcoming 18th workshop, we will discuss how to deal with issues on national communication/ biennial update reports which were submitted in recent years, especially with regard to national GHG inventories. In order to enhance completeness and consistency, experience of transitioning to the 2006 IPCC Guidelines will be shared. In order to prepare for the enhanced transparency framework under the Paris Agreement, understanding of the requirements for the Biennial Transparency Report will be strengthened. Unfortunately, last year's WGIA could not be held due to the global COVID-19 pandemic, and its ongoing status still makes it hard to hold an in-person workshop. This year, therefore, we will be holding WGIA online and ZOOM will be used as the online meeting tool for WGIA18.

Background and Objective

Under the United Nations Framework Convention on Climate Change (UNFCCC), all parties are required to develop and report their national inventories

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Preparation of Japan's National Greenhouse Gas Inventory and Trends in GHG Emissions

[Download here](#)

Greenhouse Gas Inventory Office of Japan (GIO), Japan

Abstract

Under Article 4 and 12 of the United Nations Framework Convention on Climate Change (hereinafter, Convention) and relevant decisions adopted by the Conference of the Parties, the Annex I parties including Japan (i.e. developed countries) are required to prepare national greenhouse gas (GHG) inventories and submit them to the Secretariat of the Convention. Moreover, Article 7 of the Act on Promotion of Global Warming Countermeasures, which provides for domestic measures under the Convention, requires the Government of Japan to annually estimate and make public Japan's GHG emissions and removals.

In accordance with these Articles, the Greenhouse Gas Inventory Office of Japan (GIO) develops the GHG inventory in cooperation with private consultant companies under a contract with the Ministry of the Environment. Before preparing GHG inventories, GIO collects data from relevant ministries, agencies and organizations to estimate emissions and removals. Based on these data together with other data from different publications, GIO then compiles the GHG inventory.

Japan's total GHG emissions in FY2019 were 1,212 million tonnes of carbon dioxide (CO₂) equivalents (Mt CO₂ eq.; the same shall apply hereafter). This is a decrease of 14.0% (197Mt CO₂ eq.) compared to the FY2013.

[Show More](#)

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Information of The National Institute for Environmental Studies(NIES),Japan ✨

Write to P-1 GIO/NIES

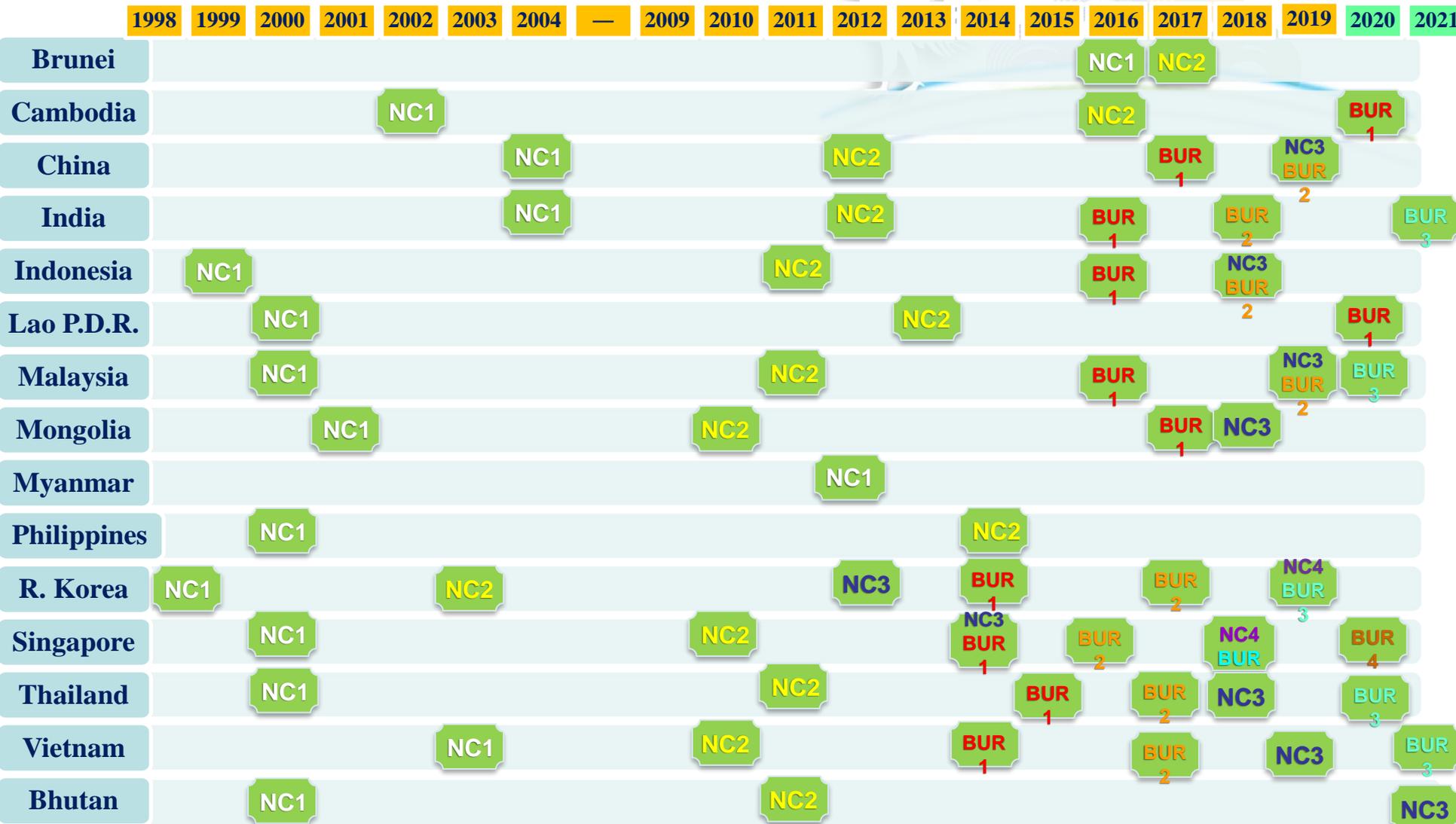
Switch Channels - CTRL+K

Help of posts

NC&BUR submission status in Asian countries

Submitted

Based on information from UNFCCC web site



NC: National Communication BUR: Biennial Update Report

Expected outcomes



- Enhancement of quality of GHG inventories for NCs and BURs and in future BTR
- Enhancement of understanding of transition to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories
- Improved understanding of the Transparency Framework under the Paris Agreement and how to prepare for it

→ Accurate GHG inventories in NCs, BURs, and BTRs will contribute to future planning and assessment of the progress towards emission reduction targets under the Paris Agreement.



Thank you

If you have any trouble to join the meeting, please contact the secretariat of WGIA18 at wgia18-workshop@his-world.com

GIO website: <http://www.nies.go.jp/gio/en/index.html>

WGIA website: <http://www.nies.go.jp/gio/en/wgia/index.html>