

Roadmap for the Seventh Assessment Report Cycle of the IPCC

Diana Ürge-Vorsatz
IPCC Vice-Chair

International Symposium

*Japan's Contribution to the 7th Assessment Cycle of IPCC
and Collaboration with IIASA on "Climate Change and Cities"*

Tokyo, Japan, 28 February, 2024

IPCC Reports

6

Assessment Reports

1990, 1995, 2001, 2007, 2013-14, 2021-23

14

Special Reports

1997, 1999, 2000, 2005, 2011, 2012, 2018, 2019

1992 Supplementary report
1994 Special report

9

Guidelines for national GHG inventories, good practice guidance

1995, 1996, 2000, 2003, 2006, 2013, 2019

6

Technical Papers

1996-2008



History | Evolution of the IPCC

1988

IPCC jointly established
by WMO and UNEP

1990

First Assessment Report
Led to creation of UNFCCC in 1994

1995

Second Assessment Report
Kyoto Protocol

2001

Third Assessment Report
Focus attention on adaptation to
climate change

2007

Fourth Assessment Report
2°C Limit
Nobel Peace Prize

2014

Fifth Assessment Report
Paris Agreement - 2015

2023

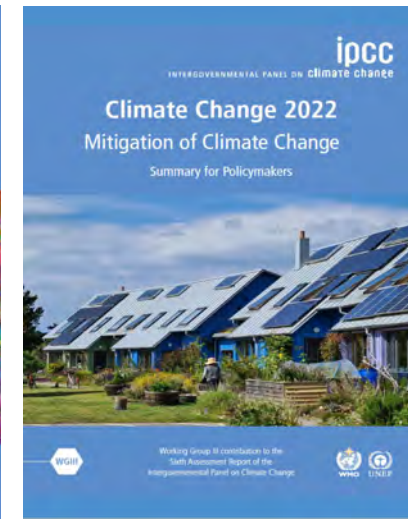
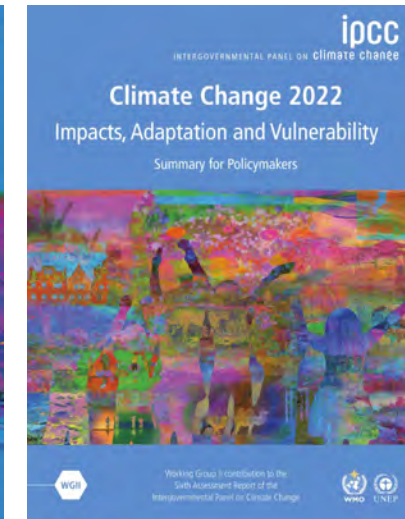
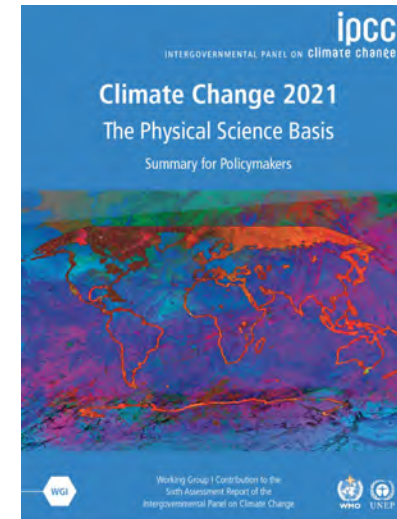
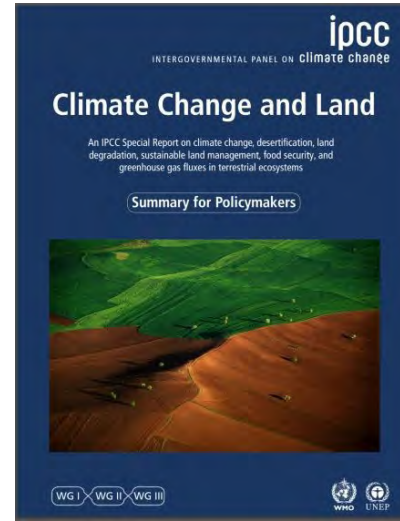
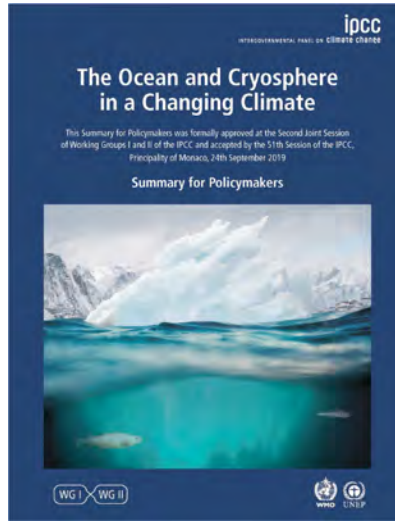
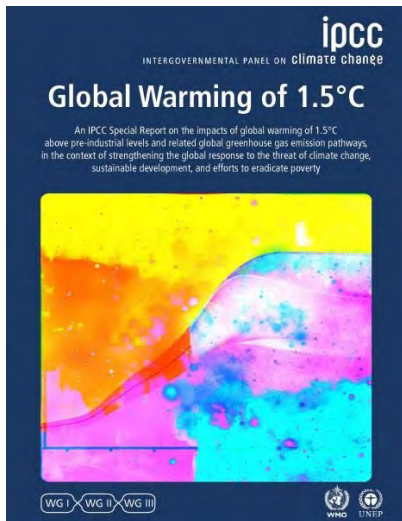
Sixth Assessment Report
First Global Stocktake - COP28

GROWTH IN SCIENTIFIC RESEARCH
INCREASE IN STAKEHOLDER INVOLVEMENT
GROWING PUBLIC AWARENESS



The 6th Assessment Cycle (AR6) October 2015 – July 2023

ipcc
INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE
INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE



Sixth Assessment Report

Statistical background

Working Group I

- Author team (Coordinating Lead Authors, Lead Authors, Review Editors)	234
- Review comments	
First order draft (experts)	23,462
Second order draft (experts and governments)	51,387
Final draft (governments)	3,158
- Number of citations	over 14,000

Working Group II

- Author team (Coordinating Lead Authors, Lead Authors, Review Editors)	270
- Review comments	
First order draft (experts)	16,348
Second order draft (experts and governments)	40,293
Final draft (governments)	5,777
- Number of citations	over 34,000

Working Group III

- Author team (Coordinating Lead Authors, Lead Authors, Review Editors)	278
- Review comments	
First order draft (experts)	21,703
Second order draft (experts and governments)	32,555
Final draft (governments)	4,954
- Number of citations	over 18,000



[the Panel] expresses its appreciation and gratitude to the IPCC Bureau members and all those involved in preparing the reports in the sixth assessment cycle for their excellent work and dedication including during the extraordinary circumstances of the COVID-19 pandemic.

Lessons Learned from AR6

Quantity, Brevity and Type of Products .

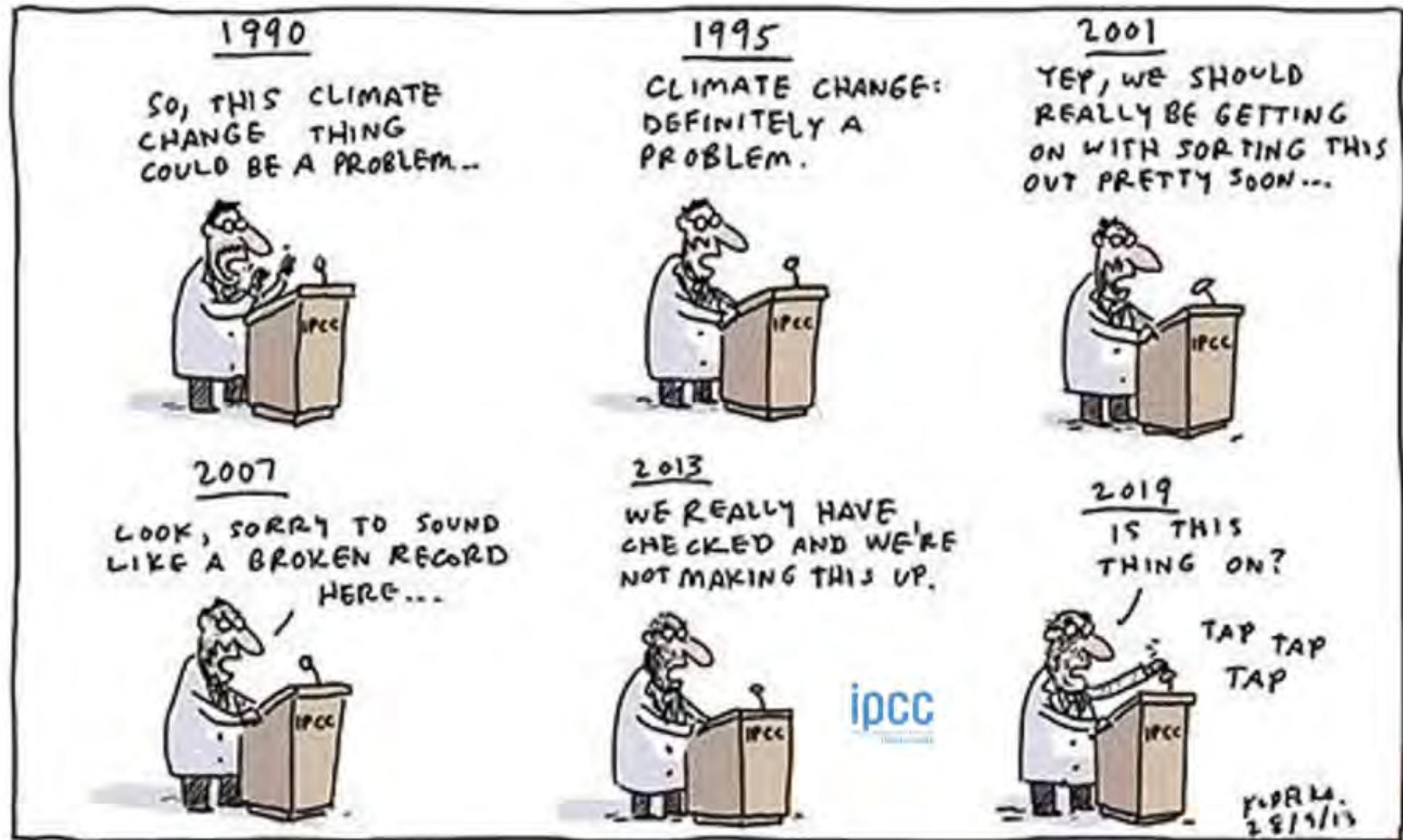
- Consider fewer and more focused reports for emerging science and policy relevant
- Evaluating different report formats and discussing the need for new product types.
- Considering expert meetings and workshops to identify and fill gaps in scientific knowledge and data.

Authorship and Diversity:

- Addressing authorship ethics, selection criteria, and management to ensure regional balance and diversity.
- Focusing on equity, diversity, and gender issues with the establishment of teams and codes of conduct.

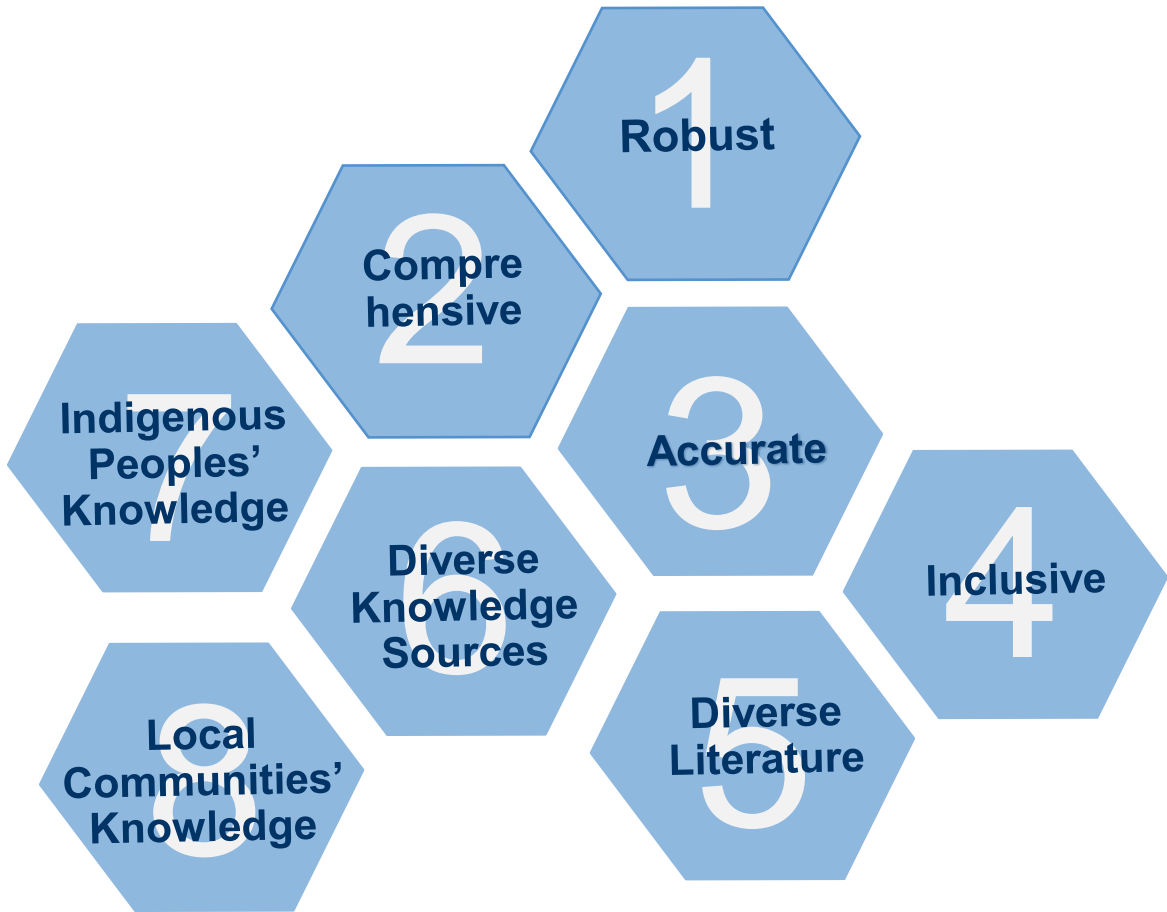
Data Issues and Access:

- Prioritizing access to literature, computing resources, and data through coordinated approaches and FAIR principles.
- Utilizing technology for real-time access to a broad range of literature.





Emphasis on IPCC Seventh Assessment Cycle



4. In adopting its programme of work it emphasized that the IPCC seventh assessment cycle will be robust, comprehensive, accurate, inclusive and use diverse literature and knowledge sources including drawing on Indigenous Peoples' Knowledge and Local Communities' Knowledge.

Seventh Assessment Cycle - products

Three traditional Working Group (WG) contributions to the AR7:

- Working Group I report on the **Physical Science Basis**
- Working Group II report on **Impacts, Adaptation and Vulnerability**
- Working Group III report on **Mitigation of Climate Change**

Synthesis Report (SYR) based on key findings from the three WGs

Special Report on **Climate Change and Cities**

Methodology report on **Short-lived Climate Forcers**

Methodology report **Carbon Dioxide Removal** Technologies, Carbon Capture Utilization and Storage

An **update of the 1994 IPCC Technical Guidelines on impacts and adaptation**, in conjunction with the Working Group II report and published as a separate product.

Seventh Assessment Cycle (timelines)







Revision of IPCC Technical Guidelines

- A distinct product revising and updating the 1994 IPCC Technical Guidelines on impacts and adaptation will be developed.
- Scope: Includes adaptation indicators, metrics, and methodologies.
- Process: Scoped, developed, and reviewed in conjunction with the Working Group II Report.
- Publication: Intended as a separate product for approval and acceptance.



11. A distinct product revising and updating the 1994 IPCC Technical Guidelines on impacts and adaptation, including adaptation indicators, metrics and methodologies will be scoped, developed, reviewed and should be considered for approval and acceptance in conjunction with the Working Group II Report and will be published as a separate product.



8. It requested the IPCC Bureau to consider options for Expert Meetings and Workshops and recognized the importance and value of these.

- **Decision IPCC-LX-9 emphasizes the importance and value of Expert Meetings and Workshops.**
- **The IPCC Bureau is requested to consider options for these events during the seventh assessment cycle.**



Emphasis on IPCC Seventh Assessment Cycle



**Expert meeting on
Gender, Inclusivity and
Diversity in IPCC**

October 2024, Canada.



Special Report on Climate Change and Cities (SR-CITIES)

This report will focus specifically on the interactions between climate change and urban areas, addressing topics such as:

The impacts of climate change on cities

Adaptation strategies for cities

Mitigation measures in urban areas

The role of cities in climate action



6. It confirmed that a Special Report on Climate Change and Cities will be provided in early 2027 and that the Task Force on National Greenhouse Gas Inventories (TFI) will provide a Methodology Report on Short-lived Climate Forcers by 2027.

Special Report on Climate Change and Cities (SR-CITIES)

Key Focus Areas

Impacts: How climate change affects urban environments, infrastructure, and populations.

Adaptation: Strategies for enhancing resilience and protecting urban residents and infrastructure.

Mitigation: Measures to reduce greenhouse gas emissions and promote sustainable urban development.

Role of Cities: Highlighting the importance of local action and governance in addressing climate change and showcasing successful examples of city-level climate initiatives.



How to engage?

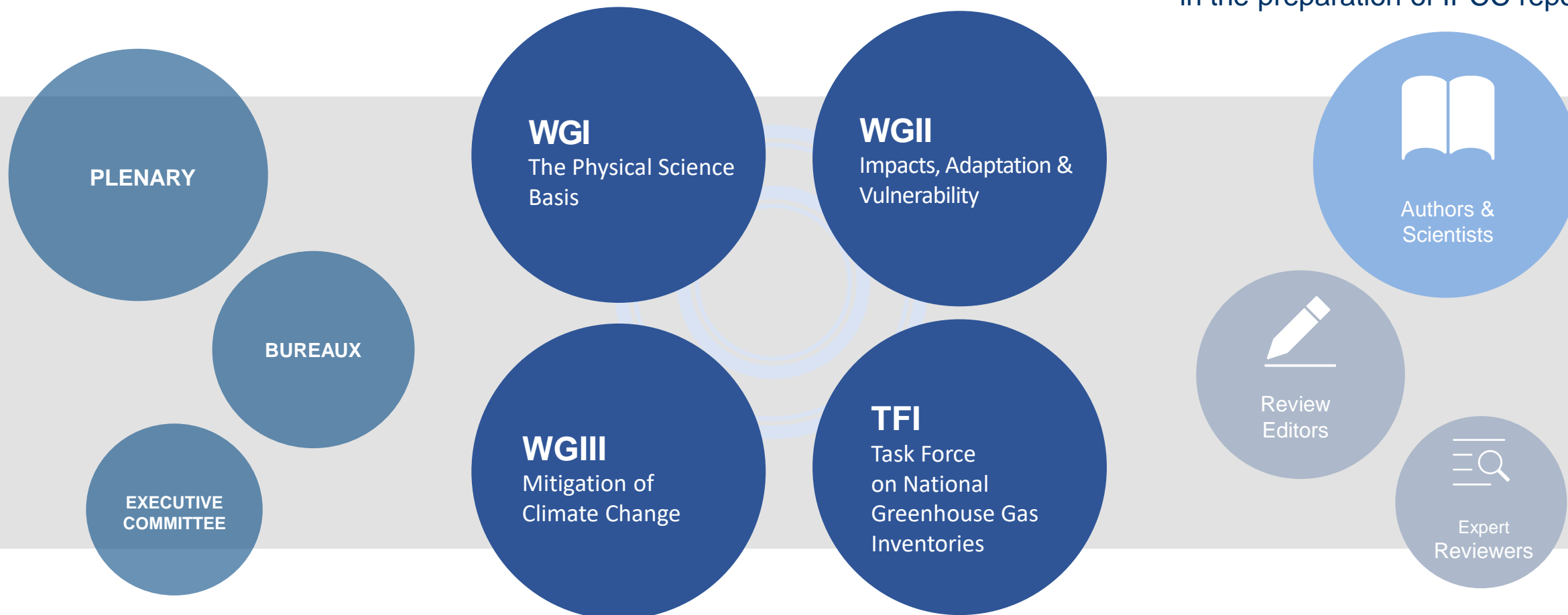


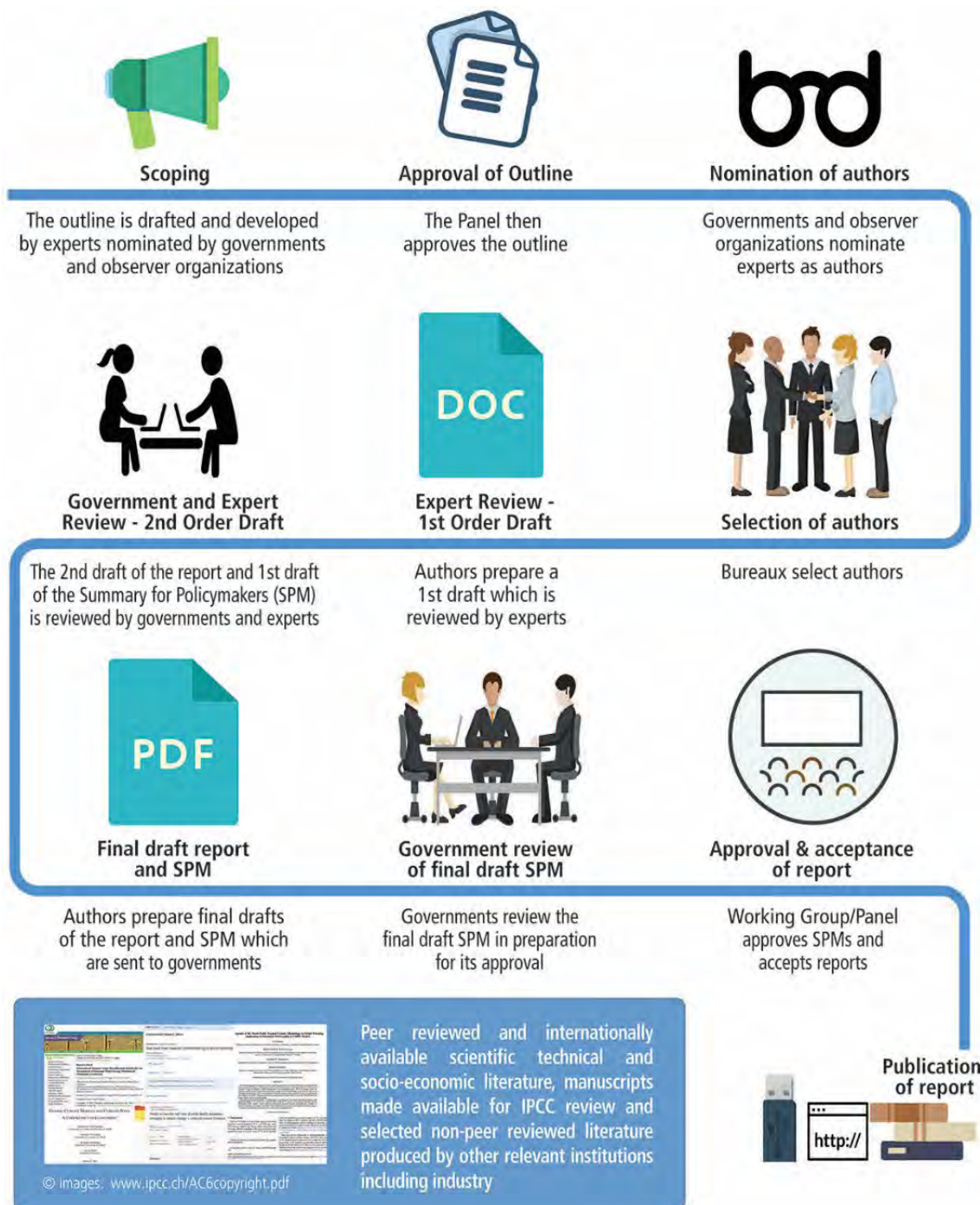
Structure and Report Process

Intergovernmental Panel

195 member States appointing National Focal Points

Hundreds of **scientists and experts from around the world** are involved in the preparation of IPCC reports





Opportunities for engagement

- Author (watch out for calls for nominations)
 - For SRCCC, after P61 in July
- Expert reviewer
- Review Editor (same nomination as for authors)
- Chapter scientists
- **SRCCC: pre-scoping webinars**
- Publishing scientific literature that can be used in the reports
 - E.g. on cities and climate change
- Participant in expert meetings

Special Report on Cities and Climate Change: roadmap



Further opportunities for engagement

- TSU staff (WGs are hiring)
- Hosting a Lead Author or Expert meetings
- Organising outreach events
- “translating” our scientifically complex materials for diverse stakeholder communities
- Translating our products (or chapters, special topic collections) into native languages
- Becoming an observer organization
- Following us on social media, reposting our messages, announcements in Japanese language
- ...

THANK YOU
FOR YOUR ATTENTION

STAY IN TOUCH



ipcc.ch



vorsatzd@ceu.edu

ipcc-sec@wmo.int

STAY CONNECTED



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