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## **PROGRESS REPORTS**

### **Report by the Working Group I**

(Prepared by the Co-Chairs of Working Group I)

(Submitted by the Secretary of the IPCC)

## PROGRESS REPORTS

### Report by the Working Group I

This report describes the activities undertaken by the Working Group I (WGI) since the last update presented during the Sixty-first Session of the IPCC in July 2024.

#### 1. Establishment of the Technical Support Unit

Since July 2024, the French Technical Support Unit (TSU) has welcome its Data team (including a Senior data scientist and a Junior data scientist) which will be in charge of the Working Group I (WGI) data curation and archival as well as the relationships with TG-Data. Two Senior science officers have also joined the team: one is in charge of supporting the work related to the Special Report on Climate change and Cities and the second one is supporting the work related to the WGI main report.

WGI TSU has opened a position of Science Coordinator to be filled as soon as possible. Further positions are to be opened shortly, including a Communication Specialist, an Information Designer and an AI specialist.

The Chinese TSU now includes five staff members: one Senior science officer, two science officers, one Data scientist and one Programme officer.

The French and the Chinese TSU work together at supporting the WGI Bureau. Weekly TSU meetings are organized to take stock and plan the work ahead.

#### 2. Special Report on Climate Change and Cities

Since the Scoping meeting, which was held in April 2024, WGI has contributed, under the lead of WGII, to:

- the definition of a list of the expertise required from the Author team to cover the needs of the Special Report;
- the preparation and testing of the IPCC platform set up to receive the Experts' applications;
- the compilation of the applications received once the call closed;
- the selection of Authors.

WGI is now collaborating to the preparations of the First Lead Author meeting that will be held in March 2025.

#### 3. Scoping Meeting of the Working Group I contribution to the IPCC Seventh Assessment Report

##### Selection of Experts for the AR7 Joint Scoping Meeting

Following the call for experts, which closed on 12 June, over 1000 applications were received for Working Group I (over 2300 in total). WGI Bureau went through different stages to select a list of 68 Experts, list which was made available in September. Details on the selection process are provided in WG-I: 15th/ INF.1.

##### Pre-scoping activities

WGI TSU, in cooperation with the Bureau, collected input on expectations, priorities, concerns and structural questions concerning the WGI AR7 from the scientific community and a range of external

audiences, using different formats and sources. Outreach was targeted at international organisations and groups with a global constituency to ensure balanced representation. Many substantive inputs and helpful suggestions were received, reflecting the high level of commitment and engagement of the WGI scientific community in the IPCC process, and the continued relevance of climate science. This was done through surveys and webinars. In addition, cross-working group webinars were organized to receive the input from the Experts who were not selected for the Scoping meeting and the IPCC Focal Points. These webinars, which took place over three different time zones, were organized on 30 October.

Finally, a survey was sent to all WGI Scoping participants in order to engage them ahead of the meeting and collect their input on various topics. The results were compiled and presented to the group during the Scoping meeting.

A summary of the analysis of all the responses is provided in document WG-I: 15th/ INF.1.

#### Preparation of the Vision document

Working Group I, in collaboration with Working Groups 2 and 3 and the Chair of the IPCC, prepared a “Vision document” providing their views for the Seventh Assessment Cycle, information on cross-cutting topics as well as working group specific sections. The document was made available to Scoping meeting participants two weeks ahead of the meeting. It is available as IPCC-LXII/INF. 7, Annex 1.

#### Joint Scoping Meeting

The joint Working Group I, II, III Scoping Meeting was held in Kuala Lumpur, Malaysia, on 9-13 December 2024. 68 Working Group I Experts were invited to join to prepare the draft outline of the next IPCC WGI Report which is submitted as WG-I: 15th/Doc. 2.

The Scoping meeting was structured to foster a fully involved discussion amongst all participants towards a consensus-based development of the report outline in light of ongoing research developments, the treatment of cross-WG topics and coordination needs, and the lessons learned from previous WGI assessments.

#### Preparation of the Scoping meeting Report

Following the Scoping meeting, Working Group I Bureau and Technical Support Unit members have been working on the preparation of the meeting Report covering all aspects before and during the meeting. It also includes the annotated outline which captures all the information that was discussed with the Scoping Experts and which will be provided to the Authors. This report is submitted as WG-I: 15th/ INF.1.

### **4. IPCC Task Group on Data**

The IPCC Task Group on Data met in Singapore from 22 to 24 October 2024 at the kind invitation of the Government of Singapore. A Training for Technical Support Unit members was organized on 25 October to enhance the support for authors in the availability of data from the reports of the Seventh Assessment cycle. The meeting organization was supported by members of the Working Group I Technical Support Unit.

### **5. Youth, Climate Change, and the IPCC**

The Technical Support Unit of the IPCC Working Group I conducted an on-line survey to better understand the relationship between Youth, climate change and the IPCC. Young people from all

over the world were questioned on their knowledge and feelings about climate change, as well as their familiarity with the IPCC.

Their [report](#) provides the detailed results of the survey as well as some recommendations, with a view to reaching out to youth.

## **6. COP29**

Working Group 1 was represented during COP29 and participated in the following events:

- IPCC event: Special Report Climate Change & Cities Outline - ambition to action oriented
- IPCC event: AR7 - Greater granularity and local / regional focus
- AMAP/WMO event: The Arctic in a Changing Climate
- IPCC event: AR7 package
- UNFCCC Side Event
- UNESCO approved at UNFCCC side event: Why glaciers matter: Addressing climate impacts in the cryosphere through science-based interventions