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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)

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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-third Session of the IPCC in October 2025.

1. Establishment of the TSU

WGI TSU is currently hiring an AI Officer. The selected candidate will play a pivotal role in developing, implementing, and optimizing artificial intelligence solutions to support the Authors, the TSU and the WGI Bureau during the preparation of the IPCC reports. This will include, for example, assessing tools to support specific activities ((systematic) literature reviews, processing of review comments, text refinement, translation...) but also developing best practices and guidelines regarding ethical and legal questions raised by the use of AI-based tools.

WGI TSU has opened a position for an additional Science Officer with expertise in the terrestrial biosphere and/or carbon cycle (<https://www.ipcc.ch/2026/02/17/science-officer-ipcc-wg1-tsu/>) in order to complete the expertise covered by the existing science team.

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 October 2025, WGI Bureau and TSU have contributed, under the operational lead of WGII, to:

- ✓ The review of the First Order Draft of the Report;
- ✓ The preparation and the holding of the Third Lead Author Meeting which took place in Oslo, Norway on 12-16 January 2026;
- ✓ The first steps of the development of the First Order Drafts of the Technical Summary and of the Summary for Policymakers of the Report.

3. Working Group I contribution to the IPCC Seventh Assessment Report

Holding of the First Joint Lead Author Meeting

On the invitation of the French Government, the First joint Lead Author Meeting was held in Paris on 1-5 December 2025 and gathered WGI-II-III experts. A total of 650 participants attended the meeting. The operational preparation of the event was led by WGI TSU.

The week allowed for a variety of meeting types, combining activities within and between working groups. The schedule included:

- ✓ Plenary sessions and breakout group discussions bringing together experts from the different Working Groups;
- ✓ Plenary sessions and breakout group discussions within each working group;
- ✓ Informal discussion and training sessions;
- ✓ A team-building session.

By all accounts, this event was a success, fostering high-quality exchanges in a highly collaborative atmosphere among the authors and between the Working Groups. These exchanges will continue throughout the cycle and contribute to the quality of the reports.

Joint Zero Order Draft

On 6 February, the Zero Order Draft of the ten chapters and one Annex of the WGI Report was submitted to the WGI TSU for compilation ahead of the informal review. On 23 February, invited experts and all WGI, WGII and WGIII authors will be provided with the drafts for their feedback during an informal commenting period of 8 weeks. WGI Bureau Members and Authors will also be able to access and comment the WGII and WGIII Zero Order Drafts that will be available at the same time. The review will close on 2 April.

Second Lead Author Meeting

The Second Lead Author Meeting will be held 20–24 April 2026 in Santiago, Chile. The kind invitation of the Government of Chile, through Pontificia Universidad Católica de Chile is gratefully acknowledged. Invitations were sent out at the end of January to all participants and efforts are underway to support the logistical arrangements and the programme planning.

4. Co-sponsored Workshop on High-Impact Events and Earth System Tipping Points

WGI was in charge of the operational lead of the World Climate Research Programme (WCRP) and the Intergovernmental Panel on Climate Change (IPCC) co-sponsored a workshop that was held in Paris from 26 to 28 November 2025, the week before the joint IPCC First Lead Author Meeting (LAM1). The workshop brought together leading experts from across the globe and from multiple disciplines to build consensus and address urgent questions related to high impact events, tipping points and their consequences.

The three-day meeting evaluated and advanced our ability to assess the risk of Earth System high impact events, tipping points, and their consequences. It provided selected IPCC authors and Bureau members with an invaluable opportunity to exchange with a broad group of leading experts, to benefit from community insights into these complex questions and allowed scientific discussions, networking and bridge-building across IPCC Working Group domains.

The Workshop Proceedings will be available in March 2026.

5. Expert Meeting Atlas

Following Decision IPCC-LXIII-2 to approve the proposal for an Expert Meeting on Regional Climate Information & Atlas:

- ✓ The Scientific Steering Committee (SSC) was formed, including Co-Chairs and Vice Chairs from WGI and WGII;
- ✓ The SSC met three times to discuss the time and location of the meeting, its objectives and content and to discuss/select participants;
- ✓ Invitations to participants were sent out late January 2026.

The meeting, which will be hybrid, will be held in Santiago, Chile, on 27-28 April 2026, back-to-back with WGI Second Lead Author Meeting. SSC Meetings are scheduled in the coming weeks in order to define the structure of the meeting and prepare all meeting documents (background information, detailed agenda etc.).

The kind invitation of the Government of Chile, through the Faculty of Government, University of Chile is gratefully acknowledged.