

REPORT OF THE FIFTY-FIRST SESSION OF THE IPCC Principality of Monaco, 20 – 23 September 2019

1. OPENING OF THE SESSION

Mr Hoesung Lee, Chair of the Intergovernmental Panel on Climate Change (IPCC), called the 51st Session of the IPCC (IPCC-51) to order on Friday 20 September 2019 at the Grimaldi Forum Center, Principality of Monaco.

The Secretary of the IPCC, Mr Abdalah Mokssit, welcomed participants to the meeting.

In his opening statement, the Chair of the IPCC thanked the Government of Monaco for its support and hospitality, including the support of the Prince Albert II of Monaco Foundation for the IPCC Scholarship Programme, and thanks all those who had worked on the *Special Report on the Ocean and Cryosphere in a Changing Climate*, which would be considered at the Session.

Ms Elena Manaenkova, Deputy Secretary-General, World Meteorological Organization, welcomed participants, described how the current work of WMO was contributing to IPCC products and underlined the support of WMO for the IPCC.

Mr Jian Liu, Chief Scientist and Director of the Science Division of the United Nations Environment Programme, introduced a video message by Ms Inger Andersen, Executive Director of the United Nations Environment Programme.

In the video message, Ms Andersen emphasized the support of UNEP for the IPCC.

Mr Florin Vladu, representative of the Secretariat of the United Nations Framework Convention on Climate Change (UNFCCC), described the importance of the new IPCC products for the UNFCCC process.

H.E. Mr Andrés Couve Correa, Minister of Science, Technology, Knowledge and Innovation of Chile, described Chile's climate action and its support for climate science. He said the work of the 51st Session, addressing the *Special Report on the Ocean and Cryosphere in a Changing Climate*, would be aligned with the goals of the forthcoming 25th Conference of the Parties (COP25) of the UNFCCC.

H.S.H. Prince Albert II of Monaco welcomed participants to Monaco and described the Principality's commitment to climate action.

The Chair of the IPCC then introduced the provisional agenda as contained in document [IPCC-LI/Doc.1](#) and [IPCC-LI/Doc.1, Add.1](#).

The provisional agenda was adopted with the inclusion of additional items to be discussed under Any Other Business: Preparations for the Sixth Assessment Report Synthesis Report; Publishing and translation of the IPCC Special Report on Global Warming of 1,5°C; Progress on the Task Group on Data Support for Climate Change Assessments (TG-Data).

2. APPROVAL OF THE DRAFT REPORT OF THE 50TH SESSION OF THE IPCC

Documents: [IPCC-LI/Doc.2, Rev.1](#)

The draft report of the 50th Session of the IPCC as contained in document IPCC-LI/Doc. 2, Rev.1 was presented and approved with the inclusion of two substantive comments and editorial revisions.

3. ACCEPTANCE OF THE ACTIONS TAKEN AT THE SECOND JOINT SESSION OF WORKING GROUPS I AND II

Documents: [IPCC-LI/Doc.3](#), [IPCC-LI/Doc.4](#)

The Chair of the IPCC invited the Panel to accept the actions of the 2nd Joint Session of Working Groups I and II, whereby the Summary of Policymakers (SPM) of the Special Report on the Ocean and Cryosphere in a Changing Climate (SROCC) was approved and the underlying scientific-technical assessment was accepted. The Panel also noted the changes to the underlying scientific-technical assessment to ensure consistency with the approved Summary for Policymakers. The Chair voiced his gratitude to the Working Groups and their Co-Chairs, the Authors, the Governments and others who had contributed to the successful conclusion of the report. Delegations took the floor to express their appreciation for this important achievement.

The statement of the USA is appended as Annex 2 to this report.

4. PROGRESS REPORT OF THE TASK GROUP ON THE ORGANIZATION OF THE FUTURE WORK OF THE IPCC IN LIGHT OF THE GLOBAL STOCKTAKE (ORAL)

Ms Maria Amparo Martinez Arroyo, Co-Chair of the Task Group on the Organization of future work of the IPCC in light of the Global Stocktake (TG-FWLGST) presented the oral progress report. She reminded the Panel that the Task Group is operating under a mandate from the IPCC and is adhering strictly to its Terms of reference . The Task Group should present progress reports at Panel sessions, comply with IPCC procedures and ensure transparency and inclusiveness, and deliver the outcomes of its work and report in due time for the first IPCC session in 2020.

Ms Martinez Arroyo informed the Panel that in June 2019, Governments and IPCC Observer Organizations were invited to provide comments and suggestions on viable alternatives and options, which had been identified by the Task Group in a consultative process. The contents of the call and the guidance information which was provided were discussed during the face to face meeting of the Task Group held in Geneva, during the 50th Session of the IPCC. In response to the call, 23 responses have been received from 21 member countries and 2 IPCC Observer Organizations. These responses were sent to the Task Group members for analyses.

During the face to face meeting which was held at the 51st Session of the IPCC, the Task Group members discussed a preliminary analysis of the received responses and expressed a preference for qualitative analysis instead of a quantitative approach. Members highlighted the need to solicit input from Technical Support Units (TSUs), IPCC Bureau members and the Secretariat in order to integrate them to the whole analysis. It was suggested that an inclusive and consultative process which involves Task Group members in the preparation of the final report should be applied. The Co-Chairs and rapporteur encouraged the Task Group members to extensively use the electronic forum during the preparation of the final report.

Ms Martinez Arroyo requested that an item on the progress report of the Task Group could be included in the agenda for the 57th Session of the IPCC Bureau, scheduled to take place in Singapore in October 2019. She concluded by reminding the Panel that after the presentation of the Task Group's final report at the 52nd Session of the IPCC, the work of this Task Group will cease.

One country mentioned its appreciation on the work of the TG-FWLGST and suggested that the Task Group should place more emphasis on the qualitative analysis of the pros and cons and avoid using statistical approaches which include ranking of the scores.

The Panel took note of the TG-FWLGST progress report.

5. REPORT OF THE IPCC CONFLICT OF INTEREST COMMITTEE (ORAL)

Mr Youba Sokona, Chair of the IPCC Conflict of Interest (COI) Committee, gave a brief report on the activities of the COI Committee. He informed the Panel that the 17th COI Committee meeting was held on 3 August 2019 in the margins of the 50th Session of the IPCC at the WMO offices in Geneva. At that meeting the COI Committee reviewed the annual reports of the three Working Group Bureaux and the Task Force Bureau in relation to their consideration of conflict of interest issues in accordance with paragraph 11 of the Implementation Procedures of the IPCC COI Policy. The COI Committee had noted with appreciation that no conflicts of interest were identified. The Chair thanked the Co-chairs and their Bureaux for the completeness and transparency of their reports.

6. ANY OTHER BUSINESS

6.1. Preparations for the Sixth Assessment Report Synthesis Report

The IPCC Chair informed the Panel of the preparations under way for the Scoping meeting of the Synthesis Report (SYR) of the Sixth Assessment Report (AR6) to be held in Singapore from 21 to 23 October 2019.

He noted that he is working with the Co-chairs of Working groups I, II and III to finalize the list of experts to be invited to the Scoping meeting. He also informed the Panel of his intention to share the Chair's draft vision paper with the Scientific Steering Committee of the AR6 Synthesis Report Scoping meeting in the next few days.

In the ensuing discussions France, the United Kingdom, China, Tanzania, Ghana and the United States of America made interventions noting the cooperation between the team preparing the AR6 SYR Scoping meeting and the Working Group teams. Also the criteria for selecting the participants to the scoping meeting were addressed.

6.2. Publishing and translation of the IPCC Special Report on Global Warming of 1,5°C

Mr Jonathan Lynn, IPCC Senior Communications Manager, reported that translations into the five official UN languages other than English (Arabic, Chinese, French, Russian and Spanish) of the Summary for Policymakers (SPM) of the Special Report on Global Warming of 1.5°C (SR15) have been posted on the IPCC website and can be accessed on the SR15 page under SPM downloads.

The translators were now working on the SPM of the Special Report on Climate Change and Land.

Regarding publication, he said that the World Meteorological Organization (WMO) had carried out a procurement process on behalf of the IPCC to identify a printer and publisher of all reports in the Sixth Assessment Report cycle, starting with SR15, conducted strictly in conformity with the rules and procedures of the WMO. This had taken longer than expected because it had been necessary to relaunch the process after the single bidder in the first tender was disqualified for failing to observe the correct procedures. This bidder had been invited to resubmit an offer in the second tender.

He said the WMO has now identified a vendor through the procurement process and is finalizing a contract with them. Once this is completed the details will be announced, but the process remains confidential until then. Mr Lynn set out the timeline for the process so far.

Ms Valérie Masson-Delmotte, Co-Chair, Working Group I, said it was frustrating that a publisher had not been identified nearly one year after approval of SR15, and said it was important to find a publisher with the highest reputation in the interests of the IPCC's own scientific reputation. She said it was important for the authors who had contributed their time to preparing the report to have their work cited, requiring the establishment of digital object identifiers (DOIs) for the report. She said the IPCC should write to authors explaining the delay.

She asked for the topic of translation to be included on the next session of the IPCC Bureau, and made a number of suggestions to improve and accelerate the translation process. She noted that a crowdsourced French version of the SR15 SPM had been produced in the meantime.

The Senior Communications Manager said that under the publishing contract now being finalized, the vendor would provide DOIs for the report as a whole and its constituent elements.

One country, noting that it had supported the Working Group I Technical Support Unit (TSU), which had coordinated the technical work on SR15 for all three Working Groups, underlined the importance of making SR15 accessible in electronic format, with the SPM in all six UN languages, and in hard copy. The scientific referencing of the report was important for the author who had worked on it.

The Secretary of the IPCC, Mr Abdalah Mokssit, said that the staff in the IPCC Secretariat and WMO had carefully followed the correct procedures, which must be conducted in a rigorous manner, and outlined the steps required.

Ms Debra Roberts, Co-Chair, Working Group II, also supported sending letters to the SR15 authors.

The Secretary of the IPCC said letters were in preparation, and awaiting the finalization of the contract so that information about the vendor could be provided.

6.3. Progress on the Task Group on Data Support for Climate Change Assessments (TG-Data)

Mr Mxolisi Shongwe from the IPCC Secretariat presented a progress report on the Task Group on Data Support for Climate Change Assessments (TG-Data). He reminded the Panel that at the 49th Session of the IPCC, the list of fourteen TG-Data members who were selected by the IPCC Bureau at its 57th Session (Geneva, Switzerland, 18 – 19 March 2019) was presented to the Panel in Document [IPCC-XLIX/Doc. 7, Corr.1](#). One TG-Data member who had been selected by the Bureau stepped down

Following the proposal we presented to amend the Terms of Reference (TORs) of the TG-Data, the Panel decided to amend Article 3.2 of the TORs to allow the IPCC Bureau to also nominate potential members of the TG-Data and also amended Article 3.3. of the TORs to allow for a maximum of 20 TG-Data members.

In July 2019, IPCC Bureau members were invited to nominate and/or select additional TG-Data members. In response to this invitation, four new TG-Data members were selected. Two of the selected members have already accepted to serve in the Task Group. Working Group Co-chairs and Data Distribution Center (DDC) managers were invited to designate Ex-Officio members.

Mr Shongwe informed the Panel that the First teleconference of the TG-Data was held on 3rd June 2019. The second teleconference was scheduled for 7th October 2019. The First face-to-face meeting for the TG-Data was to be held in Montreal, Canada from 6 – 8 November 2019. TG-Data representatives were invited to attend the 3rd Lead Author meeting (LAM3) for Working Group I which was held in Toulouse, France in August 2019. At the WGI LAM3, one Co-chair made a presentation about the work of the Task Group in plenary. The Task Group members were given opportunities to engage with the WGI TSU, Bureau and the author team. TG-Data Co-chairs were invited to attend the 57th Session of the IPCC Bureau in Singapore from 24- 25 October 2019. It was expected that the TG-Data Co-chairs would present the Task Group workplan, including a list of activities and meetings, associated deliverables and respective timelines. The workplan would be reviewed by the IPCC Bureau and presented to the Panel for approval.

The Panel took note of the progress report.

7. PLACE AND DATE OF THE 52nd SESSION OF THE IPCC

The Secretary of the IPCC informed the Plenary that the 52nd Session of the IPCC would be held in from 24 to 28 February 2020, location to be confirmed.

8. CLOSING OF THE SESSION

The Chair of the IPCC thanked the Government of Monaco for hosting a successful 51st Session of the IPCC. He thanked government representatives of member countries, Bureau members, representatives of Observer Organizations, Authors, Working Group Technical Support Units, the Secretariat and WMO conference team, as well as the interpreters for a successful meeting and gaveled the meeting to a close at 15.00 p.m. on Tuesday 24 September 2019.

51st SESSION OF THE IPCC
Principality of Monaco, 20 to 23 September 2019

Decisions adopted by the Panel

Decision IPCC-LI-1. Adoption of the Provisional Agenda

Documents: IPCC-LI/Doc.1 and IPCC-LI/Doc.1. Add.1

The Intergovernmental Panel on Climate Change at its 51st Session adopts the provisional agenda as contained in document IPCC-LI/Doc.1, with the inclusion of additional items to be discussed under Any Other Business: Preparations for the Sixth Assessment Report Synthesis Report; Publishing and translation of the IPCC Special Report on Global Warming of 1,5°C; Progress on the Task Group on Data Support for Climate Change Assessments (TG-Data).

Decision IPCC-LI-2. Approval of the draft report of the 50th Session of the IPCC

Document: IPCC-LI/Doc.2, Rev.1

The Intergovernmental Panel on Climate Change at its 51st Session approves the report of the 50th Session of the IPCC with the inclusion of two substantive comments and editorial revisions.

Decision IPCC-LI-3. Acceptance of the actions taken at the Second Joint Session of Working Groups I and II

Documents: IPCC-LI/Doc. 3 and IPCC-LI/Doc. 4

The Intergovernmental Panel on Climate Change at its 51st Session accepts the actions taken at the Second Joint Session of Working Groups I and II, related to the approval of the Summary for Policymakers of the IPCC Special Report on the Ocean and Cryosphere in a Changing Climate and the acceptance of the underlying scientific-technical assessment in accordance with Section 4.4 of Appendix A to the Principles Governing IPCC Work.

Statement of the United States of America on the IPCC Special Report on Oceans and Cryosphere in Changing Climate

September 24, 2019

With respect to acceptance of the Special Report, as provided in the IPCC's procedures, the contents of the authored chapters have not been subject to line-by-line discussion and agreement, and remain the responsibility of the authors. In this context, the United States notes that acceptance of this report by the Panel does not imply endorsement by the United States of the specific findings or underlying contents of the report.

With respect to approval of the Summary for Policy Makers (SPM), we underscore that, as provided in IPCC procedures, approval signifies that the SPM is consistent with the factual material contained in the full report.

Given that the underlying contents of the report are not subject to agreement by members of the panel, approval of the SPM similarly should not be understood as U.S. endorsement of all of the findings and key messages included in the SPM.

The United States expresses its deep appreciation to the authors for preparing this Special Report.

INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE

**51st SESSION OF THE INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE
Principality of Monaco, 20 to 23 September 2019**

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