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## **PROGRESS REPORTS**

### **Progress Report of the Special Report on Global Warming of 1.5°C**

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

(Submitted by the Secretary of the IPCC)

## PROGRESS REPORTS

### Progress Report of the Special Report on Global Warming of 1.5°C

#### 1. First Lead Authors Meeting and Internal Review

The First Lead Author Meeting (LAM1) was held in Sao Jose Dos Campos, Brazil, on the kind invitation of the Brazilian Government through the National Institute for Space Research (INPE) from 6 to 10 March 2017. The LAM1 report is available here: [https://wg1.ipcc.ch/SR/documents/SR1.5\\_LAM1\\_Report.pdf](https://wg1.ipcc.ch/SR/documents/SR1.5_LAM1_Report.pdf)

An internal review of the draft was organized from 17 April to 15 May 2017 with the objective to provide the chapter teams with an early indication as to whether their compilation reflected the peer reviewed literature and provided a balanced coverage of the chapters' scope. 43 reviewers participated in this review and made a total of 1458 comments that were provided to the chapter teams on 22 May 2017.

#### 2. Second Lead Author Meeting and the First Order Draft Review

The second Lead Author Meeting (LAM2) was held in Exeter, United Kingdom (UK), on the kind invitation of the UK Met Office and the University of Exeter from 5 to 9 June 2017. It was followed by a first Summary for Policymakers (SPM) meeting on 9-10 June 2017. Cross cutting discussions were implemented to develop cross-chapter boxes, and a session was organized on communication for preparation of 'outward facing' products (Frequently Asked Questions, Glossary, Summary for Policymakers). A public outreach event was organized with the U. Exeter on the 'Climate Change - does the 1.5 degree target make sense?' The event was attended by about 500 people and followed online, with 6,500 viewers. A debriefing of the Sixth Assessment Report (AR6) was held at the UK Met Office. Authors interacted with students participating in the U. Exeter Grand Science Challenge week on climate change topics. The first SPM pre-meeting was held with Coordinating Lead Authors (CLAs) and Co-Chairs to prepare the development of the narrative by mapping the key messages emerging from chapters. The LAM2 report is available here: [https://wg1.ipcc.ch/SR/documents/SR1.5\\_LAM2\\_Report.pdf](https://wg1.ipcc.ch/SR/documents/SR1.5_LAM2_Report.pdf)

The First Order Draft (FOD) review was held from 31 July to 24 September 2017. Over 2000 experts from 124 countries registered for this review. A total of 12895 comments were received from 489 reviewers and forwarded to the chapter teams for consideration and reply before 17 December 2017.

#### 3. Third Lead Author Meeting and the Second Order Draft Review

The Third Lead Author Meeting (LAM3) was held in Malmö, Sweden on the kind invitation of the Swedish government through the Swedish Meteorological and Hydrological Institute (SMHI) from 23 to 27 October 2017. The meeting included cross-chapter discussions to refine cross-chapter boxes and consistency on topics treated in multiple chapters. Experts in information design and cognitive science attended as part of a Communications segment of the programme and advised authors on the development of visualizations.

The Working Group I (WGI) Technical Support Unit (TSU) coordinated a survey on the design and framing of the Frequently Asked Questions with IPCC Focal Points and Observer Organizations, as well as through social media and with relevant networks and organizations. The outcomes of the survey were presented to authors at the LAM3 to help guide the selection of a list of questions that are most relevant to users.

A public event was organized by Lund University on health, food and water – The need for innovations and new strategies in a changing climate and the IPCC was hosted by the Mayor of Malmö for an evening reception. A public event was also organized by Malmö University and Klimatsamverkan Skåne on adapting to climate change.

A second SPM meeting was held with CLAs and Co-Chairs refining the SPM narrative and to develop the SPM Strawman, an annotated outline of the document that would be the basis of the First Order Draft of the SPM.

The LAM3 report of this meeting is available here:  
[https://wg1.ipcc.ch/SR/documents/SR1.5\\_LAM3\\_Report.pdf](https://wg1.ipcc.ch/SR/documents/SR1.5_LAM3_Report.pdf)

Co-Chairs, supported by the Working Group I (WGI) Technical Support Unit (TSU), developed an Internal Draft of the SPM from the Executive Summaries and from the underlying chapters of the Second Order Draft of the report. An initial integration of topics assessed by the report was proposed, supported by placeholder figures and synthesized in draft Headline Statements. The Internal Draft was open for review by all authors of the special report. A revised version accounting for these review comments was coordinated by the Co-Chairs, supported by the WGI TSU and finalized in iterations with CLAs to prepare the First Order Draft (FOD). Lines of evidence to underlying chapters were checked, placeholder figures were further developed and text was improved to increase accessibility and clarify.

The Second Order Draft of the report and the FOD of the SPM are currently under Expert and Government review. Comments are expected for 25 February 2018 latest and will be discussed during the Fourth Lead Author Meeting that will take place in Gaborone, Botswana.

#### **4. Fourth Lead Author Meeting and the Second Order Draft Review**

The Fourth Lead Author Meeting (LAM4) will take place on the kind invitation of the Botswana Government through the Ministry of Environment Natural Resources Conservation and Tourism, the National Climate Change Committee in the Department of Meteorological Services and the Botswana Environmental Change Committee at the University of Botswana.

An outreach event in a rural setting is planned for a group of 20 volunteers maximum with the objective to express and discuss, in a less technical language, the various aspects of climate change (from physical to social aspects).

#### **5. Preparation of Final Government Distribution**

A detailed schedule has been prepared for the preparation of the Final Government Distribution, including the preparation of the SPM and is being finalized in discussion with the Co-Chairs and CLAs. Given the stringent timeline for the preparation of the chapters and the SPM, an in-person three-day meeting of SPM authors has been solicited by CLAs once the Final Government Distribution of the report is being compiled by the WGI TSU to accelerate the finalisation of the SPM before the SPM is also compiled and sent to review on June 4th.

#### **6. Changes in Author teams**

Six Lead Authors Authors/Review Editors from different countries (Mexico, India, Kenya, UK, Morocco, and South Africa) have expressed the need to step back from the chapter teams due to personal reasons. Two new review editors were appointed (Morocco, Brazil) and one Lead Author was promoted as Coordinating Lead Author on agreement of the WGI, WGII and WGIII Bureau members and the relevant Coordinating Lead Authors.

## **7. Communications**

Information for authors that is relevant for the preparation of the Special Report is available here: <https://wg1.ipcc.ch/SR/SR15.html>

The WGI TSU provides authors with a monthly electronic bulletin of the latest publications that are relevant for the preparation of the special report.

Preparations are underway to develop a micro-site as part of the IPCC website to host and distribute the report digitally.

A communications strategy has been prepared by the WGI TSU for the special report, including the provision of guidance and support for media engagement by authors and guidance on the preparation of graphics.