

## Pre-scoping questionnaire for the Working Group I contribution to the IPCC Sixth Assessment Report (WGI AR6)

The goal of this questionnaire is to elicit input on the structure and content of the Working Group I (the 'Physical Science Basis') contribution to the IPCC Sixth Assessment Report, i.e. the **WGI AR6 report**.

The Working Group I Co-Chairs, Valérie Masson-Delmotte, and Panmao Zhai, together with the WGI Technical Support Unit (TSU), kindly invite your organization to respond to the following questionnaire. Given the short timeframe allotted for response submissions, we welcome both responses on behalf of your organization, as well as those from individual members with scientific interests and expertise of key relevance. We ask that these responses consider the WGI AR6 report within the context of the three Special Reports also being prepared this Assessment cycle (see Appendix B, all due for release ahead of AR6), as well as the contributions to the AR6 report from IPCC Working Groups II ('Impacts, Adaptation and Vulnerability') and III ('Mitigation of Climate Change').

The suggestions and comments received will be an important input to the scoping of the WGI AR6 report and an invaluable supportive contribution for the WGI Co-Chairs and Bureau preparing for the AR6 Scoping Meeting in May 2017. This meeting will culminate in the production of an annotated draft outline for AR6, including the WGI AR6 report, that will be presented for consideration at the 46<sup>th</sup> Session of the IPCC in September 2017.

Completed questionnaires should be returned to [tsu@ipcc-wg1.universite-paris-saclay.fr](mailto:tsu@ipcc-wg1.universite-paris-saclay.fr) by **Friday 17 February 2017**. We kindly ask that respondents open and fill in the form using a PDF viewer (e.g. Adobe Reader), and **save it as a PDF** within such software (e.g. File > Save). If you encounter problems when saving, try saving the file under a different name.

We thank you in advance for your consideration of this matter.

## Questionnaire

1. In your vision, which are the main topics/questions that should be addressed in the AR6 WGI report? Please highlight emerging knowledge that you consider highly relevant. (*clear and specific topics/questions, maximum 100 words*)

2. Are there any potential overlaps or synergies with assessment reports being undertaken by other bodies? (*list a maximum of 3 examples, include references if appropriate, maximum 100 words*)

3. Considering the chapter structure of the AR5 WGI report (**Appendix A**) do you have any recommendations for the chapter structure of AR6 WGI? (e.g. *adopting the AR5 structure, combining chapters, including additional chapters, or an alternative chapter structure*)? If so, why? (*maximum 100 words*)

4. Considering the three Special Reports of the Sixth Assessment cycle (**Appendix B**), along with the WGII and WGIII contributions to AR6, please highlight WGI topics you view as requiring careful handling to ensure consistent assessment across reports (*maximum 100 words*)

5. Do you have any recommendations for the treatment of WGI aspects of regional climate change within the AR6 report? (*maximum 100 words*)

6. Has your organization used previous IPCC products (e.g. AR5, SREX) and if so, what for? (*maximum 100 words*)

7. Do you have any other comments or suggestions? (*maximum 100 words*)

Please provide the following information about yourself:

Name:

Email:

Gender:

Country of residence:

Your organization:

Your role in the organization:  
(*maximum 10 words*)

Is this a personal response or one  
on behalf of your organization?

Field of expertise or sector you  
represent: (*maximum 10 words*)

END OF QUESTIONNAIRE

## **Appendix A:**

### **Chapter structure of the Working Group I contribution to the IPCC Fifth Assessment Report (WGI AR5)**

Chapter 1: Introduction

Chapter 2: Observations: Atmosphere and Surface

Chapter 3: Observations: Ocean

Chapter 4: Observations: Cryosphere

Chapter 5: Information from Paleoclimate Archives

Chapter 6: Carbon and Other Biogeochemical Cycles

Chapter 7: Clouds and Aerosols

Chapter 8: Anthropogenic and Natural Radiative Forcing

Chapter 9: Evaluation of Climate Models

Chapter 10: Detection and Attribution of Climate Change: from Global to Regional

Chapter 11: Near-term Climate Change: Projections and Predictability

Chapter 12: Long-term Climate Change: Projections, Commitments and Irreversibility

Chapter 13: Sea Level Change

Chapter 14: Climate Phenomena and their Relevance for Future Regional Climate Change

**Appendix B:**  
**Approved/Proposed structures for the  
Special Reports of the IPCC Sixth Assessment**

**Special Report 1**

***Global Warming of 1.5°C: An IPCC special report on the impacts of global warming of 1.5°C above preindustrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty***  
[Approved Title]

**Approved structure**

[Adopted at the 44<sup>th</sup> Session of the IPCC in Bangkok, Thailand (17 – 20 October 2016)]

Front Matter (2 pages)

Summary for Policy Makers (up to 10 pages, incl. headline statements, tables, figures)

Chapter 1: Framing and context (15 pages)

Chapter 2: Mitigation pathways compatible with 1.5°C in the context of sustainable development (40 pages)

Chapter 3: Impacts of 1.5°C global warming on natural and human systems (60 pages)

Chapter 4: Strengthening and implementing the global response to the threat of climate change (50 pages)

Chapter 5: Sustainable development, poverty eradication and reducing inequalities (20 pages)

Boxes - integrated case studies/regional and cross-cutting themes (up to 20 pages)

FAQs (10 pages)

## **Special Report 2**

***Special Report on climate change, desertification, land degradation, sustainable land management, food security, and greenhouse gas fluxes in terrestrial ecosystems*** [*Working Title*]

A draft outline for SR2 will be prepared at the report scoping meeting in Dublin, Ireland (13 - 16 February 2017), to be presented for approval at the 45<sup>th</sup> Session of the IPCC in Guadalajara, Mexico (28 – 31 March 2017).

## **Special Report 3**

***Special Report on the Ocean and Cryosphere in a Changing Climate*** [Proposed Title. Subtitle to be determined]

### **Proposed structure**

*[Prepared at the scoping meeting in Monte Carlo, Monaco (6 – 9 December 2016) and to be presented for approval at the 45<sup>th</sup> Session of the IPCC in Guadalajara, Mexico (28 – 31 March 2017)]*

Summary for Policymakers (~10 pages)

Chapter 1: Framing and Context of the Report (~15 pages)

Chapter 2: High Mountain Areas (~20 pages)

Chapter 3: Polar Regions (~50 pages)

Chapter 4: Sea Level Rise and Implications for Coasts and Communities (~50 pages)

Chapter 5: Changing Ocean, Marine Ecosystems, and Dependent Communities (~65 pages)

Chapter 6: Extremes, Abrupt Changes and Managing Risks (~20 pages)

Case Studies, Frequently Asked Questions and Boxes (~20 pages)

Cross-Chapter Box: Low Lying Islands and Coasts (up to 5 pages)