Global warming of 1.5°C

Valérie Masson-Delmotte

@valmasdel
COP21 invitation (Dec. 2015)

IPCC Plenary decision (April 2016)

Scoping meeting
600 nominations
86 participants (August 2016)

IPCC Plenary adopted outline (Oct. 2016)

IPCC Plenary approval (Oct. 2018)
Global warming of 1.5°C (SR1.5)

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.
Chapter 1: Framing and context

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

Chapter 3: Impacts of 1.5°C global warming on natural and human systems

Chapter 4: Strengthening and implementing the global response to the threat of climate change

Chapter 5: Sustainable development, poverty eradication and reducing inequalities
Author teams

560 nominations, 86 authors from 39 countries

38% women, 51% from developing countries and economies in transition

1st meeting (Feb. 2017)

2nd meeting (June. 2017)

+ 126 contributing authors
Review process

First Order Draft

**Expert Review:**
- 12,895 comments
- 489 experts
- 61 countries

Second Order Draft

**Governement and Expert Review**
(*until Feb. 25*)

Final Report with Summary for Policy Makers

3rd meeting (*Oct. 2017*)

4th meeting (*April. 2017*)
An assessment of the state of knowledge based on scientific and socio-economic publications

Cut-off dates for submitted papers to be cited in the Second Order Draft
01 November 2017

Cut-off dates for papers accepted for publication to be cited in final report
15 May 2018

First Order Draft
3000 cited references (2000 new since the AR5)

Second Order Draft
5000 cited references
AR6 schedule

- **Global warming of 1.5 °C**: Oct. 2018
- **Facilitative dialogue UNFCCC**: April 2018
- **Oceans and cryosphere**: Oct. 2019
- **Land**: Aug. 2019
- **Emission inventories**: May 2019
- **The Physical Science Basis**: April 2021
- **Mitigation of Climate Change**: July 2021
- **Climate Change Impacts, Adaptation and Vulnerability**: October 2021
- **Global stocktake 2023 UNFCCC**: April 2022

Additional events:
- **Cities and Climate Change Science Conference**: Mars 2018
- **Expert Meeting on Assessing Climate Information for Regions**: April 2018
- **Expert Meeting on Short Lived Climate Forcers**: May 2018
THANK YOU FOR YOUR ATTENTION!

For more information:

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