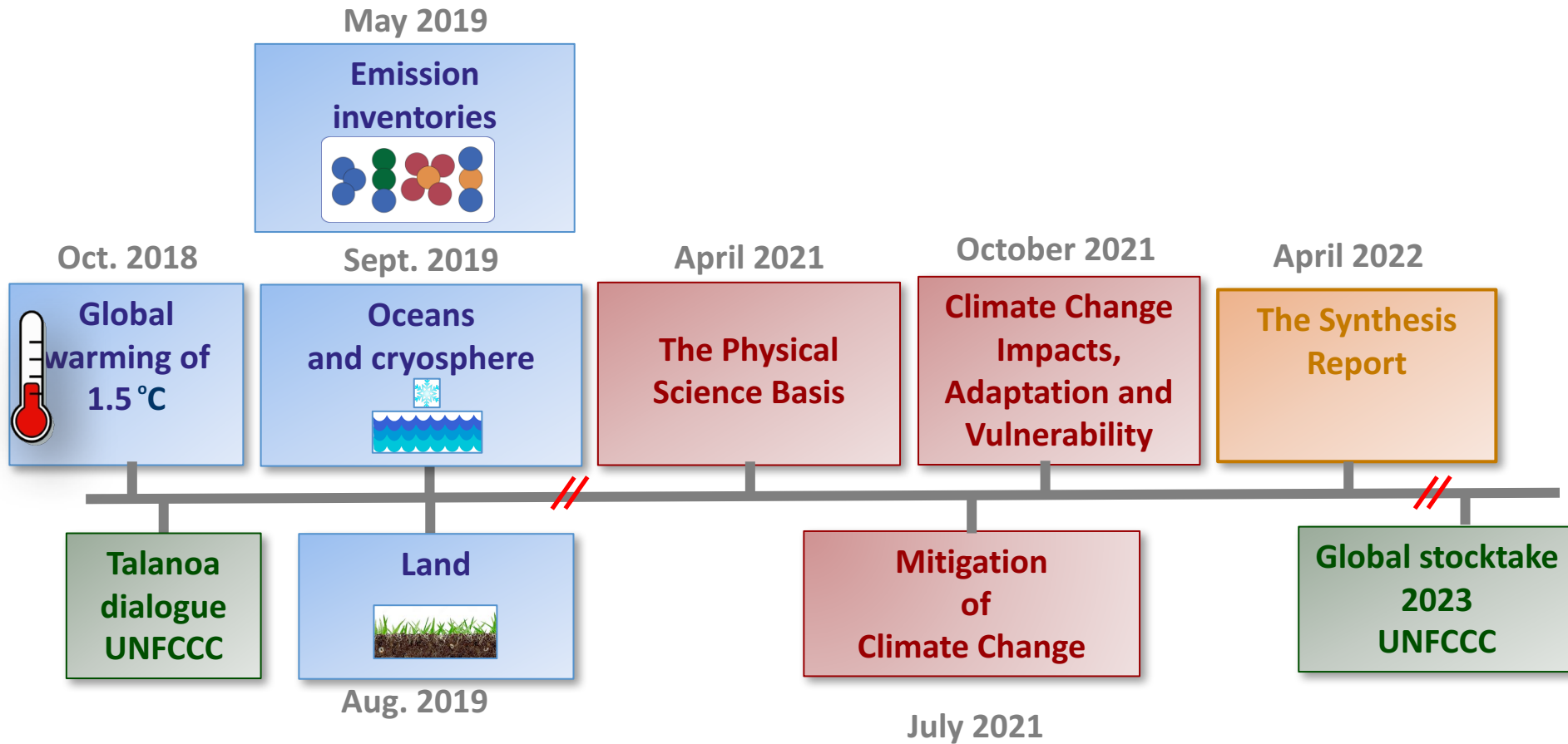


IPCC 6th Assessment Report (AR6) Working Group I (WGI)

: Overview

AR6 schedule



AR6 WGI timeline



Scoping May 1-5, 2017

The outline is drafted and developed by experts nominated by governments and observer organizations



Approval of Outline

The Panel then approves the outline

Starting from Oct 2017



Nomination of authors

Governments and observer organizations nominate experts as authors



Government and Expert Review - 2nd Order Draft

2Mar-27Apr 2020

The 2nd draft of the report and 1st draft of the Summary for Policymakers (SPM) is reviewed by governments and experts



Expert Review - 1st Order Draft

Authors prepare a 1st draft which is reviewed by experts

29Apr-23Jun 2019



Selection of authors Jan 2018

Bureaux select authors



Final draft report and SPM Oct 2020

Authors prepare final drafts of the report and SPM which are sent to governments



Government review of final draft SPM

Governments review the final draft SPM in preparation for its approval

7Dec 2020 -31Jan 2021



Approval & acceptance of report Apr 2021

Working Group/Panel approves SPMs and accepts reports

Dec 30, 2019 : cut-off date for submitted manuscripts cited in the Second Order Draft

Sep 30, 2020 : cut-off date for accepted papers cited in the Final Draft



Writing and Review Process



Publication of report



Apr 2021

ipcc

LEADING PANEL ON climate change



IPCC WGI bureau



Valérie Masson-Delmotte
France

WG1 Co-chairs

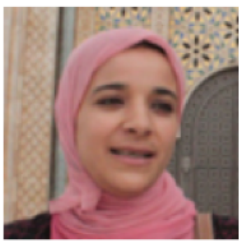


Panmao Zhai
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WG1 Vice-chairs



Edvin Aldrian
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Fatima Driouech
Morocco



Greg Flato
Canada



Jan Fuglestad
Norway



Irfan Tariq
Pakistan



Carolina Vera
Argentina



Nourredine Yassaa
Algeria

AR6 WGI Outline

Summary for Policy Makers

Technical Summary

Chapter 1: Framing, context, methods

Large-scale climate change

Chapter 2: Changing state of the climate system

Chapter 3: Human influence on the climate system

Chapter 4: Future global climate: scenario-based projections and near-term information

Chapter 5: Carbon budgets, biogeochemical cycles and feedbacks

Chapter 6: Short-Lived Forcers and Air Quality

Climate processes

Chapter 7: The Earth's Energy Budget, Climate Feedbacks, and Climate Sensitivity

Chapter 8: Water Cycle Changes

Chapter 9: Ocean, Cryosphere, and Sea Level Change

Chapter 10: Linking Global to Regional Climate Change

Regional climate

Chapter 11: Weather and Climate Extreme Events in a Changing Climate

Chapter 12: Climate change information for regional risk assessment

information

Annexes incl. options for a Regional Atlas and Technical Annexes

Glossary

Index

Chapter 4

Future global climate: scenario-based projections and near-term information

Coordinating Lead Authors:

June-Yi Lee (Republic of Korea), Jochem Marotzke (Germany)

Lead Authors:

Govindasamy Bala (India/USA), Long Cao (China), Susanna Corti (Italy), John Dunne (USA), Francois Engelbrecht (South Africa), Erich Fischer (Switzerland), John Fyfe (Canada), Christopher Jones (UK), Amanda Maycock (UK), Joseph Mutemi (Kenya), Ousmane Ndiaye (Senegal), Swapna Panickal (India), Tianjun Zhou (China)



AR6 WGI Chapter 4

Executive Summary

4.1 Scope and Overview

4.2 Methodology

4.3 Projected Changes in Global Climate Indices in the 21st Century

4.4 Near-term Global Climate Change

4.5 Mid- to Long-term Global Climate Change

4.6 Implications of Climate Policy

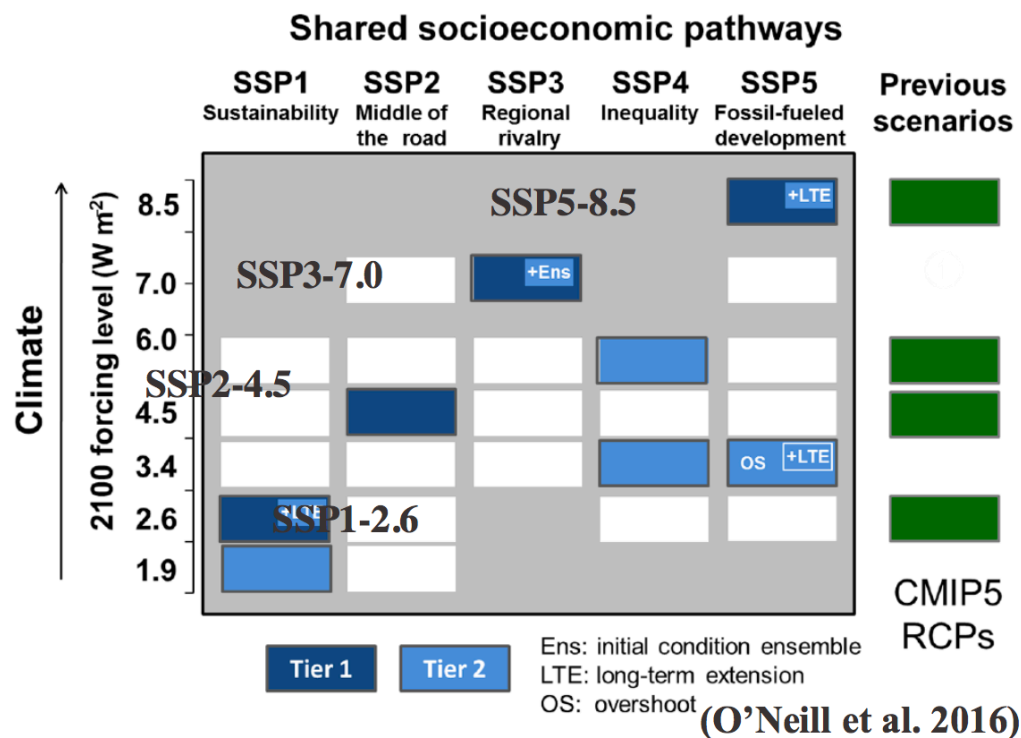
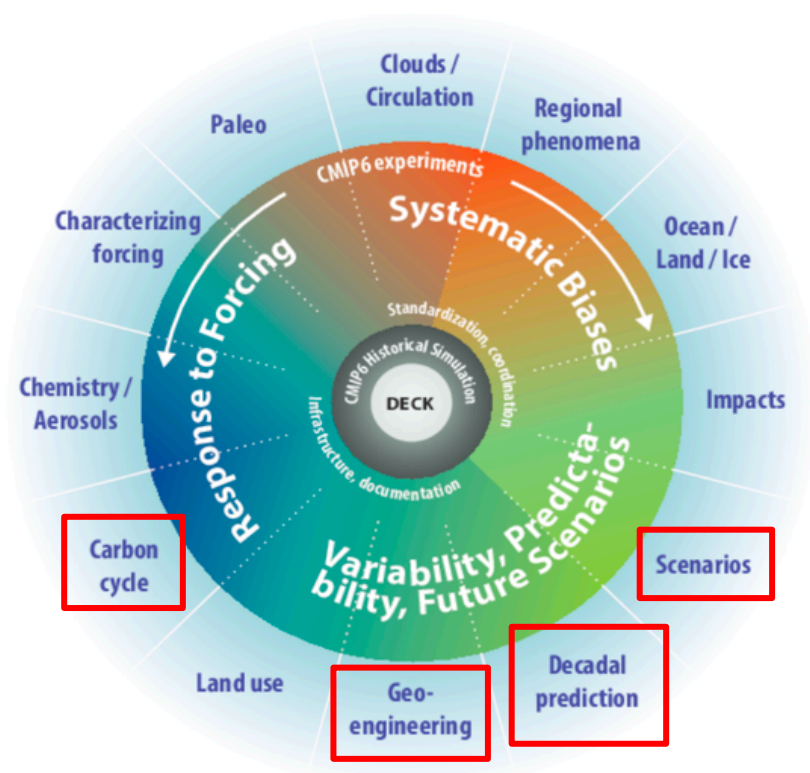
4.7 Very-long-term Climate Changes

4.8 Potential for Low-probability-high-impact Changes

Frequently Asked Questions

References

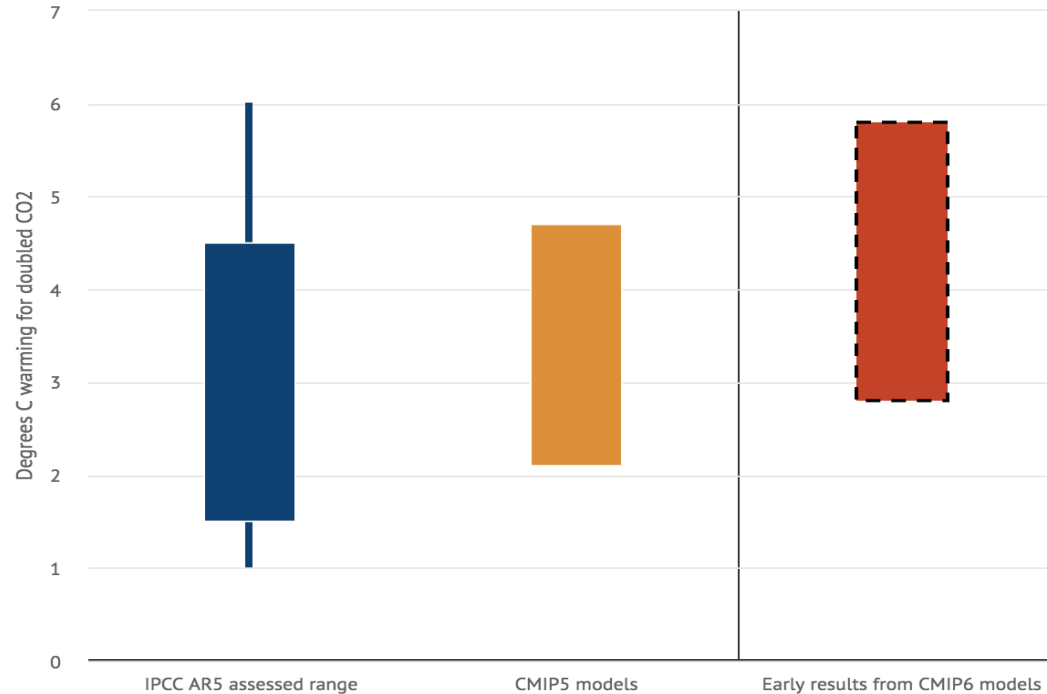
Relevant CMIP6 MIPs for Ch4



Important Issue

Early results suggest ECS values from some of the new CMIP6 climate models are higher than previous estimates, with early numbers being reported between [2.8C](#) (pdf) and [5.8C](#).

Equilibrium climate sensitivity estimates



Source: <https://www.carbonbrief.org/guest-post-why-results-from-the-next-generation-of-climate-models-matter>