The Intergovernmental Panel on Climate Change: Structure

- IPCC Plenary
- IPCC Bureau
- IPCC Secretariat

- Working Group I
  - The Physical Science Basis
  - TSU

- Working Group II
  - Climate Change Impacts, Adaptation and Vulnerability
  - TSU

- Working Group III
  - Mitigation of Climate Change
  - TSU

- Task Force on National Greenhouse Gas Inventories
  - TSU

Authors, Contributors, Reviewers
The Process for IPCC Working Group I

**Science**
- 2008
  - Development of the WGI Outline

**Lead Authors**
- 2009
  - Zero Order Draft
- 2010
  - Approval of the WGI Outline
  - Nomination and Selection of Experts
- 2011
  - Informal Review
  - First Order Draft
- 2012
  - Expert Review
  - Second Order Draft
  - Government Review
- 2013
  - Expert Review
  - Final Draft
  - Government Review

**Governments**
- 2011
  - Election of Bureaux
- Sept 2013
  - Acceptance and Approval of the Report
**Key SPM Messages**

19 Headlines on less than 2 Pages

Summary for Policymakers
~14,000 Words

14 Chapters
Atlas of Regional Projections

54,677 Review Comments by 1089 Experts

2010: 259 Authors Selected

2009: WGI Outline Approved
Limiting climate change will require substantial and sustained reductions of greenhouse gas emissions.

Human influence on the climate system is clear.

Warming in the climate system is unequivocal.
Each of the last three decades has been successively warmer at the Earth’s surface than any preceding decade since 1850.

In the Northern Hemisphere, 1983–2012 was likely the warmest 30-year period of the last 1400 years (medium confidence).
Warming in the climate system is unequivocal
Warming in the climate system is unequivocal
Human influence on the climate system is clear
Global surface temperature change for the end of the 21st century is *likely* to exceed 1.5°C relative to 1850 for all scenarios
Limiting climate change will require substantial and sustained reductions of greenhouse gas emissions.
The contrast in precipitation between wet and dry regions and between wet and dry seasons will increase, [...]

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Atlas of Global and Regionale Climate Projections

- 42 global Climate Models
- 35 Regions
- 2 Variables
  Temperature, Precipitation
- 4 Scenarios
  RCPs 2.6, 4.5, 6.0, 8.5
- 2 Seasons
  Dec-Feb, Jun-Aug (Temperature)
  Apr-Sept, Oct-Mar (Precipitation)
- Maps for 3 Time Horizons
  2016-35, 2046-65, 2081-2100
  Reference Period 1986-2005
Atlas of Global and Regional Climate Projections

- **Printed Publication**
  - WGI AR5 Annex I, RCP4.5
  - 83 Pages

- **Electronic Supplement**
  - 4 RCPs, additional
  - Annual mean, all 4 Seasons for Temperature
  - 4 x 153 Pages

- **Atlas Data**
  - Electronically available as part of today’s release (30. Jan 2014)
Extreme weather and climate events (not part of Atlas)

The AR5 builds upon the 2012 IPCC special report on Extreme Events (SREX).

A comprehensive summary of the assessment of extreme weather and climate events is provided in the WGI Summary for Policymakers Table 1 and in the Technical Summary, TFE.9.
Remaining AR5 components:
Calendar of approval sessions

**Impacts, Adaptation and Vulnerability**
**IPCC Working Group II** (Yokohama, Japan):
25-29 March 2014

**Mitigation of Climate Change**
**IPCC Working Group III** (Berlin, Germany):
7-11 April 2014

**Synthesis Report**
(Copenhagen, Denmark):
27-31 October 2014