

CLIMATE CHANGE 2013 : THE PHYSICAL SCIENCE BASIS : FINAL DRAFT UNDERLYING SCIENTIFIC-TECHNICAL ASSESSMENT : WORKING GROUP I CONTRIBUTION TO THE IPCC FIFTH ASSESSMENT REPORT



Identification info

Data identification

Citation

Citation

Title Climate change 2013 : the physical science basis : final draft underlying scientific-technical assessment : Working Group I contribution to the IPCC fifth assessment report

Alternate title IPCC-AR5, Part 1 (Draft)

Alternate title Working Group I contribution to the IPCC fifth assessment report

Date

Date

Date 2013-06-07

Date type **Publication:** Date identifies when the resource was issued

Edition Draft; online resource ([2216] p. :) ill.

Cited responsible party

Individual name Qin, Dahe

Role **Author:** Party who authored the resource

Cited responsible party

Individual name Stocker, Thomas

Role **Author:** Party who authored the resource

Cited responsible party

Individual name Alexander, Lisa

Role **Author:** Party who authored the resource

Cited responsible party

Individual name Allen, Myles

Role **Author:** Party who authored the resource

Cited responsible party

Organisation name Intergovernmental Panel on Climate Change. Working Group I

Role **Author:** Party who authored the resource

Cited responsible party

Organisation WMO, IPCC Secretariat
name

Role **Publisher:** Party who published the
resource

Presentation form **Digital document:** Digital representation of a primarily textual item (can contain
illustrations also)

Series

Series

Name IPCC Assessment Reports (5 yearly)

Other citation details Citation Instructions are available from:
http://www.climatechange2013.org/images/uploads/WGIAR5_Citations_Draft.pdf

Collective title IPCC AR5

Abstract -"A report accepted by Working Group I of the IPCC but not approved in detail."--Cover.

"Note: The final draft Report, dated 7 June 2013, of the Working Group I contribution to the IPCC 5th Assessment Report 'Climate Change 2013: The Physical Science Basis' was accepted but not approved in detail by the 12th Session of Working Group I and the 36th Session of the IPCC on 26 September 2013 in Stockholm, Sweden. It consists of the full scientific and technical assessment undertaken by Working Group I."--Cover.

"Final draft underlying scientific-technical assessment"

Co-chairs: Qin Dahe, Thomas Stocker.

TABLE_OF_CONTENTS

(from: <http://www.climatechange2013.org/report/review-drafts/> where each chapter is downloadable as PDF)

Changes to the Underlying Scientific/Technical Assessment (IPCC-XXVI/Doc.4) (210kB)

Technical Summary (6.4MB)

Ch.1 Introduction (2.8MB)

Ch.2 Observations: Atmosphere and Surface (10.9MB)

Ch.3 Observations: Ocean (18.9MB)

Ch.4 Observations: Cryosphere (5.5MB)

Ch.5 Information from Paleoclimate Archives (5.0MB)

Ch.6 Carbon and Other Biogeochemical Cycles (9.4MB)

Ch.7 Clouds and Aerosols (3.7MB)

Ch.8 Anthropogenic and Natural Radiative Forcing (3.0MB)

Ch.9 Evaluation of Climate Models (7.2MB)

Ch.10 Detection and Attribution of Climate Change: from Global to Regional (

4.6MB)

Ch.11 Near-term Climate Change: Projections and Predictability (5.7MB)

Ch.12 Long-term Climate Change: Projections, Commitments and Irreversibility (26.8MB)

Ch.13 Sea Level Change (6.4MB)

Ch.14 Climate Phenomena and their Relevance for Future Regional Climate Change (8.1MB)

Annex I: Atlas of Global and Regional Climate Projections (38.3MB)

Annex II: Climate System Scenario Tables (0.9MB)

Annex III: Glossary (0.6MB)

Complete Underlying Scientific/Technical Assessment (166MB)

Point of contact

Organisation IPCC
name (<http://id.loc.gov/authorities/names/n89126379.html>)
Role **Point of contact:** Party who can be contacted for acquiring knowledge about or acquisition of the resource

Resource format

Format
Name Book; online resource ([2216] p. :) ill.

Descriptive keywords IPCC-AR5.

Descriptive keywords Climate change (Anthropogenic), Climate change science, Environmental impact, Temperature (Climate), Sea levels, Carbon, Greenhouse gases, Emissions targets, Climate change adaptation and mitigation, Natural disasters, Weather.

Descriptive keywords .

Aggregation Information

Aggregate Information

Aggregate Datasetname

Citation

Title IPCC-AR5

Date

Date

Date type **Publication:** Date identifies when the resource was issued

Association Type **Larger work citation:** Reference to a master dataset of which this one is a part

Aggregation Information

Aggregate Information

Aggregate Datasetname

Citation

Title IPCC AR4 (2007) [<http://www.ipcc.ch/report/ar4/>]

Date

Date

Date 2007-10-14

Date type **Publication:** Date identifies when the resource was issued

Cited responsible party

Organisation WMO, IPCC
name

Role **Author:** Party who authored the
resource

Association Type **Cross reference:** Reference from one dataset to another

Language English

Topic category

Topic category code climatologyMeteorologyAtmosphere

Extent

Extent

Geographic element

Geographic bounding box



WGS 84



Google Mercator

North bound

90.00000

West bound

180.00000

East bound

-180.00000

South bound

-90.00000

Supplemental
Information

DRAFT Report- -background:

(Accessed on 2013-12 from: <http://www.climatechange2013.org/report/review-comments-disclaimer>)

~~~~~

The Final Draft Report, dated 7 June 2013, of the Working Group I contribution to the IPCC Fifth Assessment Report Climate Change 2013: The Physical Science Basis was accepted but not approved in detail by the Twelfth Session of Working Group I and the Thirty-Sixth Session of the IPCC on 27 September 2013 in Stockholm, Sweden. It consists of the full scientific and technical assessment undertaken by Working Group I.

The Final Draft Report has to be read in conjunction with the document entitled "Climate Change 2013: The Physical Science Basis. Working Group I Contribution to the IPCC 5th Assessment Report - Changes to the Underlying Scientific/Technical Assessment" to ensure consistency with the approved Summary for Policymakers (IPCC-XXVI/Doc.4) and presented to the Panel at its Thirty-Sixth Session. This document lists the changes necessary to ensure consistency between the full Report and the Summary for Policymakers, which was approved line-by-line by Working Group I and accepted by the Panel at the above-mentioned Sessions.

Before publication the Final Draft will undergo copyediting as well as any error correction as necessary, consistent with the IPCC Protocol for Addressing Possible Errors. Publication of the Report is foreseen in January 2014.

[Access to Final Draft \[here\]](#)

AR5 background:

~~~~~

The Fifth Assessment Report (AR5) will provide a clear view of the current state of scientific knowledge relevant to climate change. It will comprise three Working Group (WG) reports and a Synthesis Report (SYR).

Climate Change 2014: Impacts, Adaptation and Vulnerability

The Working Group II (WGII) contribution to the Fifth Assessment Report on impacts, adaptation and vulnerability will be considered in Yokohama, Japan, on 25-29 March 2014.

Climate Change 2014: Mitigation of Climate Change

The Working Group III (WGIII) contribution to the Fifth Assessment Report on mitigation of climate change) will be considered in Berlin, Germany, on 7-11 April 2014,

Climate Change 2014: Synthesis Report

The Synthesis Report (SYR) of the Fifth Assessment Report will be considered in Copenhagen, Denmark, on 27-31 October

Distribution Information

Distribution

Distributor

Distributor

Distributor contact

Responsible party

Organisation name WMO, IPCC

Contact Information

Contact

Website

OnLine resource <http://www.ipcc.ch>

Role **Distributor:** Party who distributes the resource

Distributor transfer options

Digital transfer options

OnLine resource

OnLine resource [Download:Draft Report \[http://www.ipcc.ch/report/ar5/wg1/1\]](http://www.ipcc.ch/report/ar5/wg1/1)

Distributor

Distributor

Distributor contact

Responsible party

Organisation name www.climatechange2013.org

Contact Information

Contact

Website

OnLine resource <http://www.climatechange2013.org/report/review-drafts/>

Role **Distributor:** Party who distributes the resource

Metadata Info

File identifier 04208bf0-af18-11dc-b78c-0019b97400d6

Metadata language English

Character set **UTF8:** 8-bit variable size UCS Transfer Format, based on ISO/IEC 10646

Hierarchy level name Book

Contact

Organisation Bureau of Meteorology
name

Role **Point of contact:** Party who can be
 contacted for acquiring knowledge about or
 acquisition of the resource

Date stamp 2013-11-14T05:45:29

Metadata standard name WMO Core Metadata Profile of ISO 19115 (WMO Core), 2003/Cor.1:2006 (ISO 19115), 2007 (ISO/TS 19139)

Metadata standard 1.3
version

Filename: IPCC-AR5-
WkgGroup1Report_HTMLofRecord_v2013-1114.doc
Directory: G:\stdm-wk\temp
Template: C:\Documents and Settings\kroberts\Application
Data\Microsoft\Templates\Normal.dot
Title: from GN(asAt2014-0221)
Subject:
Author: KRoberts
Keywords:
Comments:
Creation Date: 21/02/2014 6:24:00 PM
Change Number: 3
Last Saved On: 21/02/2014 6:25:00 PM
Last Saved By: KRoberts
Total Editing Time: 2 Minutes
Last Printed On: 21/02/2014 6:25:00 PM
As of Last Complete Printing
Number of Pages: 6
Number of Words: 1,817 (approx.)
Number of Characters: 10,360 (approx.)