

**IPCC Bericht: CLIMATE CHANGE 2014
SYNTHESIS REPORT,**
Approved Summary for Policymakers,
1. November 2014

This Synthesis Report is based on the reports of the three Working Groups of the Intergovernmental Panel on Climate Change (IPCC), including relevant Special Reports. It provides an integrated view of climate change as the final part of the IPCC's Fifth Assessment Report (AR5).

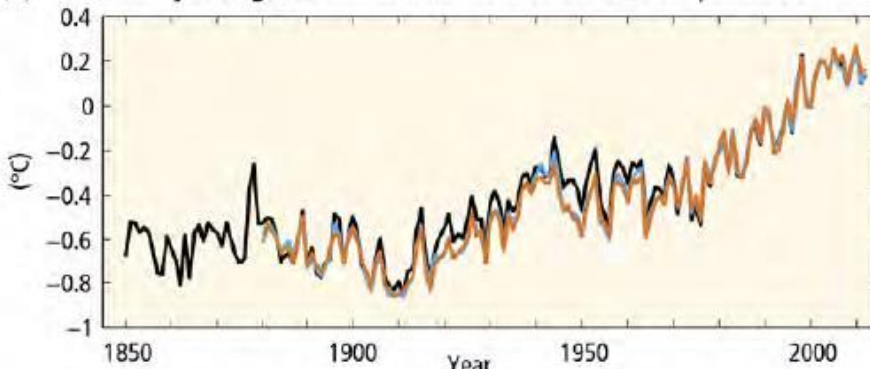
1. Observed Changes and their Causes

Human influence on the climate system is clear, and recent anthropogenic emissions of greenhouse gases are the highest in history. Recent climate changes have had widespread impacts on human and natural systems. {1}

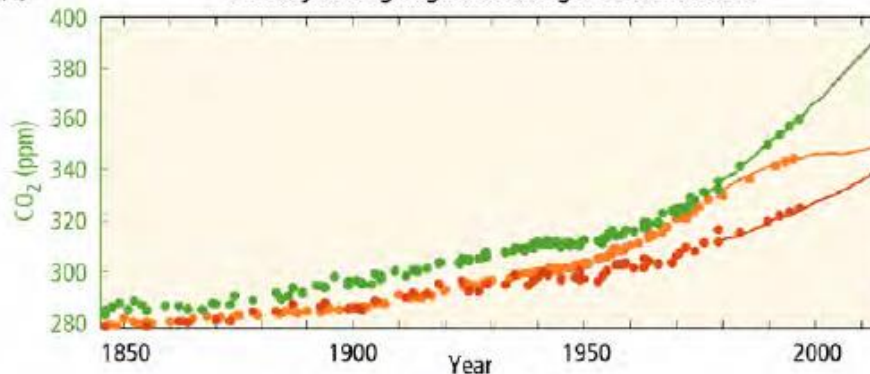
1.1 Observed changes in the climate system

Warming of the climate system is unequivocal, and since the 1950s, many of the observed changes are unprecedented over decades to millennia. The atmosphere and ocean have warmed, the amounts of snow and ice have diminished, and sea level has risen. {1.1}

(a) Globally averaged combined land and ocean surface temperature anomaly



(c) Globally averaged greenhouse gas concentrations



Veröffentlichungen außerhalb des IPCC:
J. Kowatsch, EIKE,
Hadley Center, Univ.
of East Anglia, GB,
NASA-Satelliten, aus-
gewertet von Remote
Sensing Systems,
Santa Monica, USA.

Approved Summary for Policymakers IPCC Fifth Assessment Synthesis Report

Core Writing Team members
Myles R. Allen (United Kingdom), Vicente Ricardo Barros (Argentina), John Broome (United Kingdom), Wolfgang Cramer (Germany/France), Renate Christ (Austria/WMO), John A. Church (Australia), Leon Clarke (USA), Qin Dahe (China), Purnamita Dasgupta (India), Navroz K. Dubash (India), Ottmar Edenhofer (Germany), Ismail Elgizouli (Sudan), Christopher B. Field (USA), Piers Forster (United Kingdom), Pierre Friedlingstein (United Kingdom), Jan Fuglestad (Norway), Luis Gomez-Echeverri (Colombia), Stephane Hallegatte (France/World Bank), Gabriele Hegerl (United Kingdom), Mark Howden (Australia), Kejun Jiang (China), Blanca Jimenez Cisneros (Mexico/UNESCO), Vladimir Kattsov (Russian Federation), Hoesung Lee (Republic of Korea), Katharine J. Mach (USA), Jochem Marotzke (Germany), Michael D. Mastrandrea (USA), Leo Meyer (The Netherlands), Jan Minx (Germany), Yacob Mulugetta (Ethiopia), Karen O'Brien (Norway), Michael Oppenheimer (USA), R.K. Pachauri (India), Joy J. Pereira (Malaysia), Ramon Pichs-Madruga (Cuba), Gian-Kasper Plattner (Switzerland), Hans-Otto Pörtner (Germany), Scott B. Power (Australia), Benjamin Preston (USA), N.H. Ravindranath (India), Andy Reisinger (New Zealand), Keywan Riahi (Austria), Matilde Rusticucci (Argentina), Robert Scholes (South Africa), Kristin Seyboth (USA), Youba Sokona (Mali), Robert Stavins (USA), Thomas F. Stocker (Switzerland), Petra Tschakert (USA), Detlef van Vuuren (The Netherlands), Jean-Pascal van Ypersele (Belgium)

Extended Core Writing Team members
Gabriel Blanco (Argentina), Michael Eby (Canada), Jae Edmonds (USA), Marc Fleurbaey (France), Reyner Gerlagh (The Netherlands), Sivan Kartha (USA), Howard Kunreuther (USA), Joeri Rogelj (Belgium), Michiel Schaeffer (The Netherlands), Jan Sedláček (Switzerland), Ralph Sims (New Zealand), Diana Urge-Vorsatz (Hungary), David Victor (USA), Gary Yohe (USA)

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Erstaunlich ist, dass die über 150 Jahre zu beobachtende enge Korrelation zwischen der CO₂-Emission und der globalen Temperaturentwicklung ab dem Jahr 2000 nicht mehr zu beobachten ist. Offenbar sind auch andere Ursachen für die Temperaturentwicklung auf unserer Erde maßgebend, die noch unzureichend erkannt und erforscht sind. Ob es richtig ist, auf eine vermutete, aber nicht bewiesene Ursache-Wirkungsbeziehung viele Milliarden € der Volkswirtschaft in extremer Weise einseitig festzulegen, ist sicher eine der wichtigsten - mitunter auch von Lobbyinteressen geprägte - energiepolitische Frage unserer Zeit.