

# What is the IPCC?



Lahijan tea harvest, Gilan Province, Iran

Jonathan Lynn

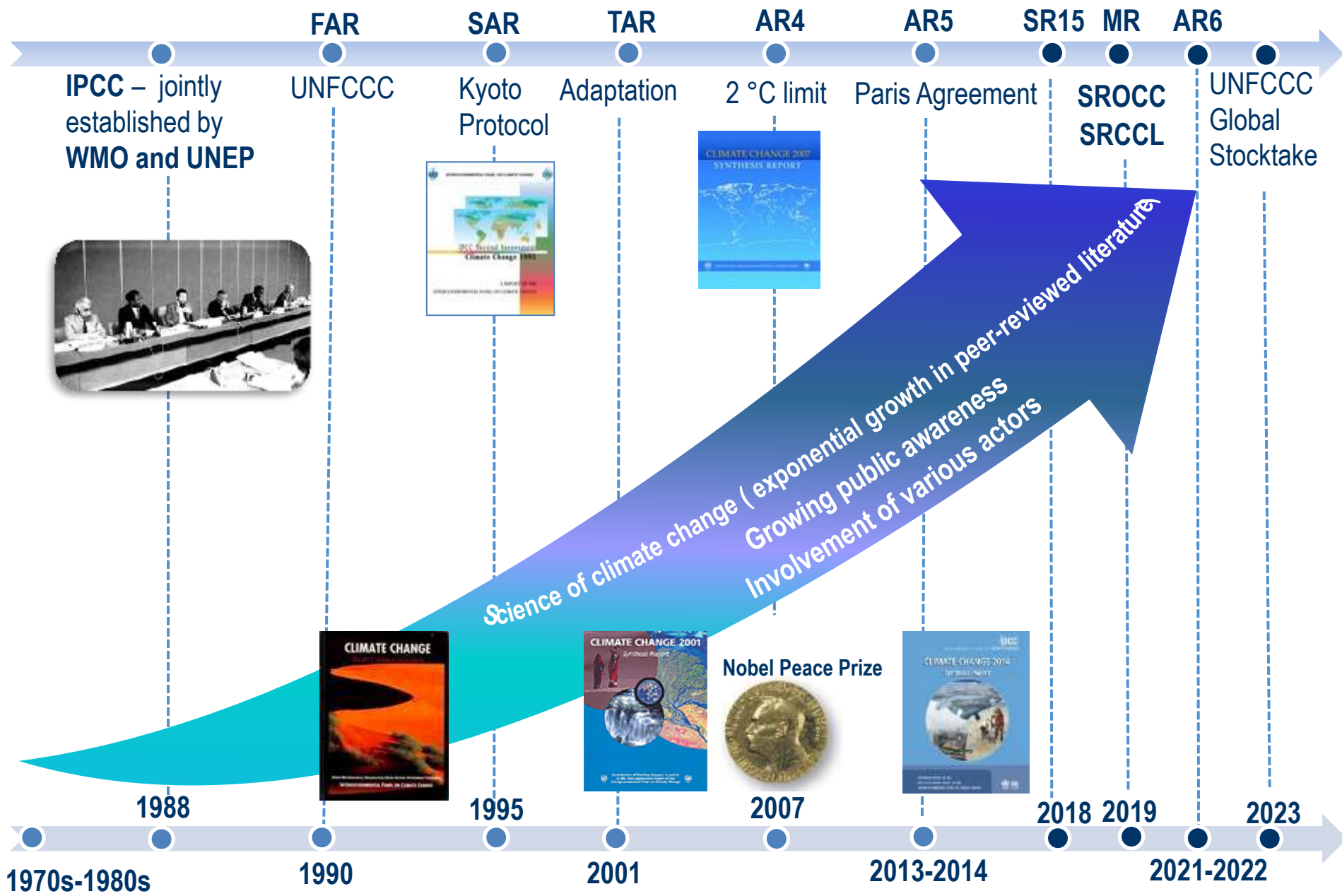
Head of Communications

18 June 2018, Iran, Media Workshop

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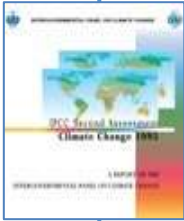


IPCC – jointly established by WMO and UNEP



FAR  
UNFCCC

SAR  
Kyoto Protocol



TAR  
Adaptation

AR4  
2 °C limit



AR5  
Paris Agreement

SR15  
MR

SROCC  
SRCCCL

AR6

UNFCCC  
Global Stocktake

Science of climate change (exponential growth in peer-reviewed literature)  
Growing public awareness  
Involvement of various actors

1988



1995



Nobel Peace Prize



2007



2013-2014

2018

2019

2023

1970s-1980s

1990

2001

2021-2022

# The role of the IPCC is ...



“... to assess on a comprehensive, objective, open and transparent basis the scientific, technical and socio-economic information relevant to understanding the scientific basis of risk of human-induced climate change, its potential impacts and options for adaptation and mitigation.”

“IPCC reports should be neutral with respect to policy, although they may need to deal objectively with scientific, technical and socio-economic factors relevant to the application of particular policies.”

*Principles Governing IPCC Work, paragraph 2*

*Source: <http://www.ipcc.ch/pdf/ipcc-principles/ipcc-principles.pdf>*

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# What are IPCC reports used for?





# What are IPCC reports used for?

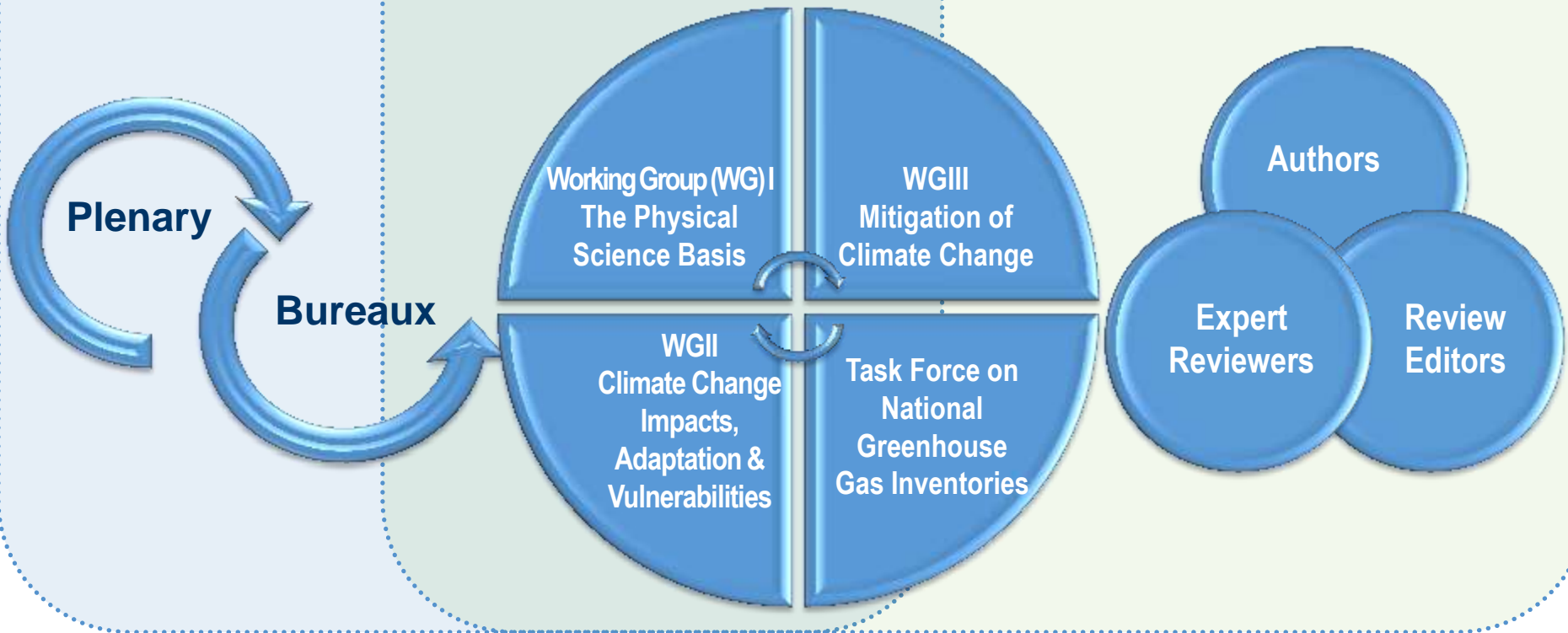


# Science/Policy Interface

IPCC – jointly established by **WMO** and **UNEP**, action endorsed by the **UN General Assembly**

**Intergovernmental Panel:** 195 member States appointing National Focal Points

Hundreds of **scientists and experts from around the world** are involved in the preparation of IPCC reports



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# IPCC Reports

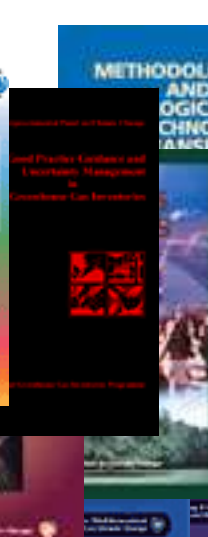
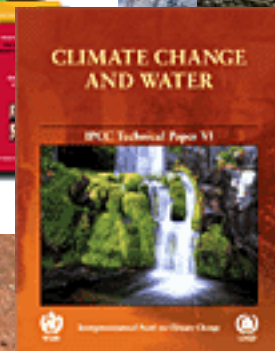
Five assessment reports (1990, 1995, 2001, 2007, 2013-14)

1992 supplementary report and 1994 special report

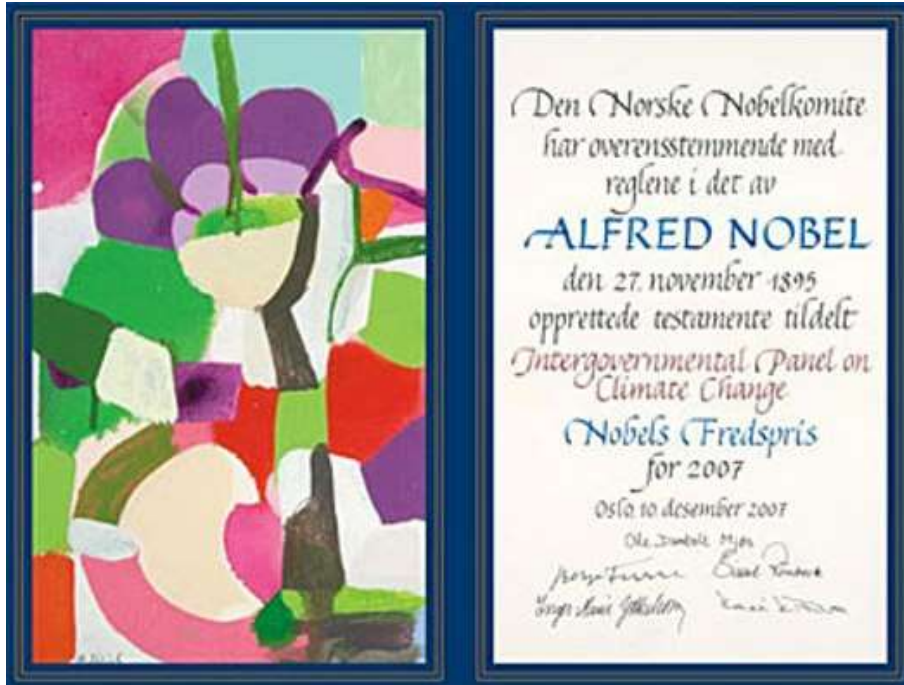
Nine special reports (1997, 1999, 2000, 2005, 2011, 2012)

Guidelines for national GHG inventories, good practice guidance (1995, 1996, 2000, 2003, 2006, 2013)

Six technical papers (1996-2008)



# Achievements: 2007 Nobel Peace Prize



The Intergovernmental Panel on Climate Change and Albert Arnold (Al) Gore Jr. were awarded the Nobel Peace Prize

"for their efforts to build up and disseminate greater knowledge about man-made climate change, and to lay the foundations for the measures that are needed to counteract such change".

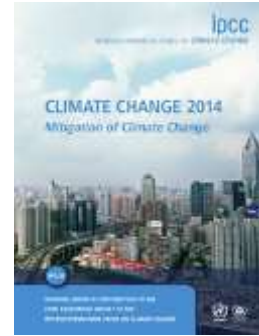
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# Achievements: 2013/2014 Fifth Assessment Report



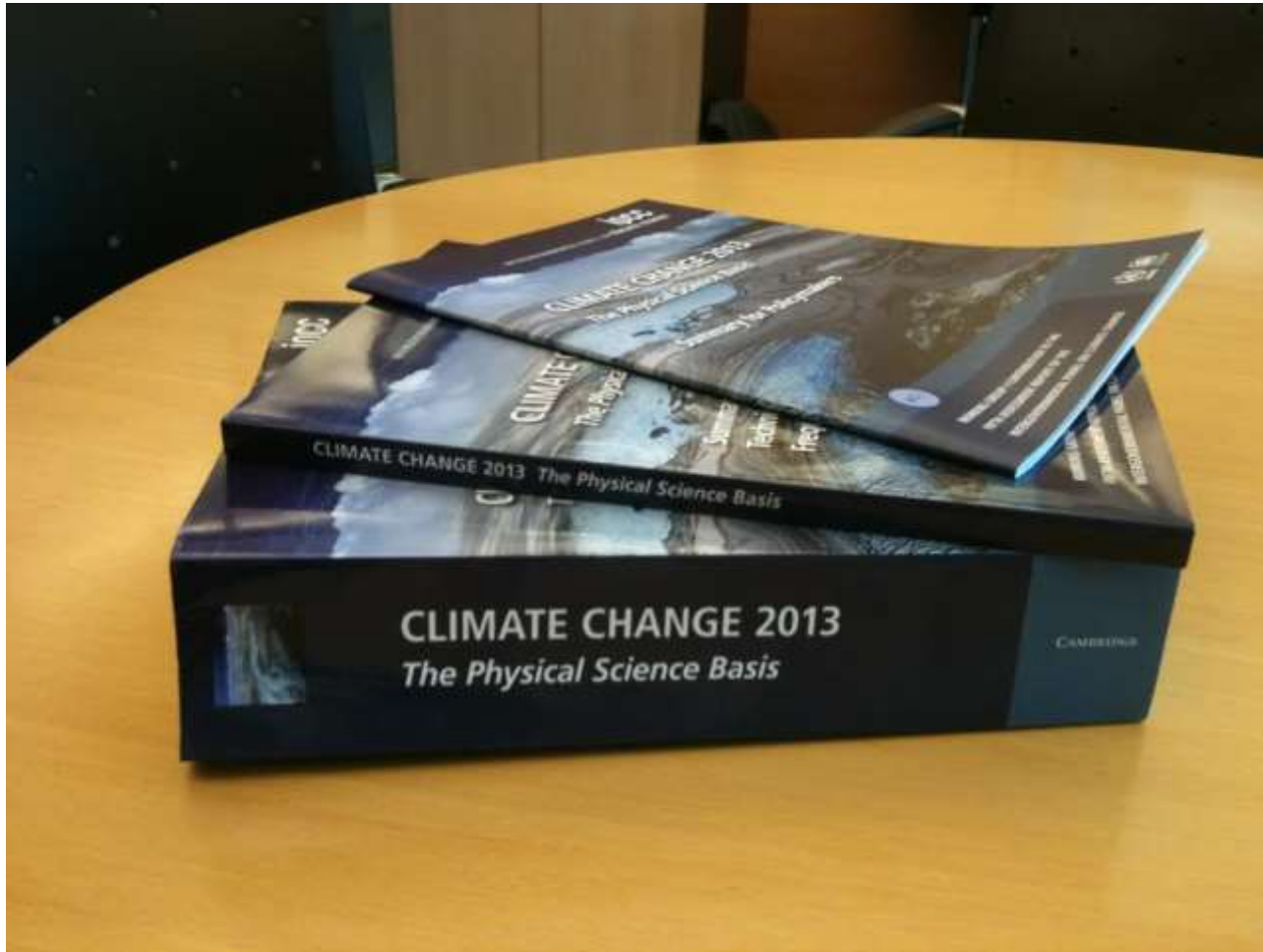
## Key messages

Human influence on the climate system is clear

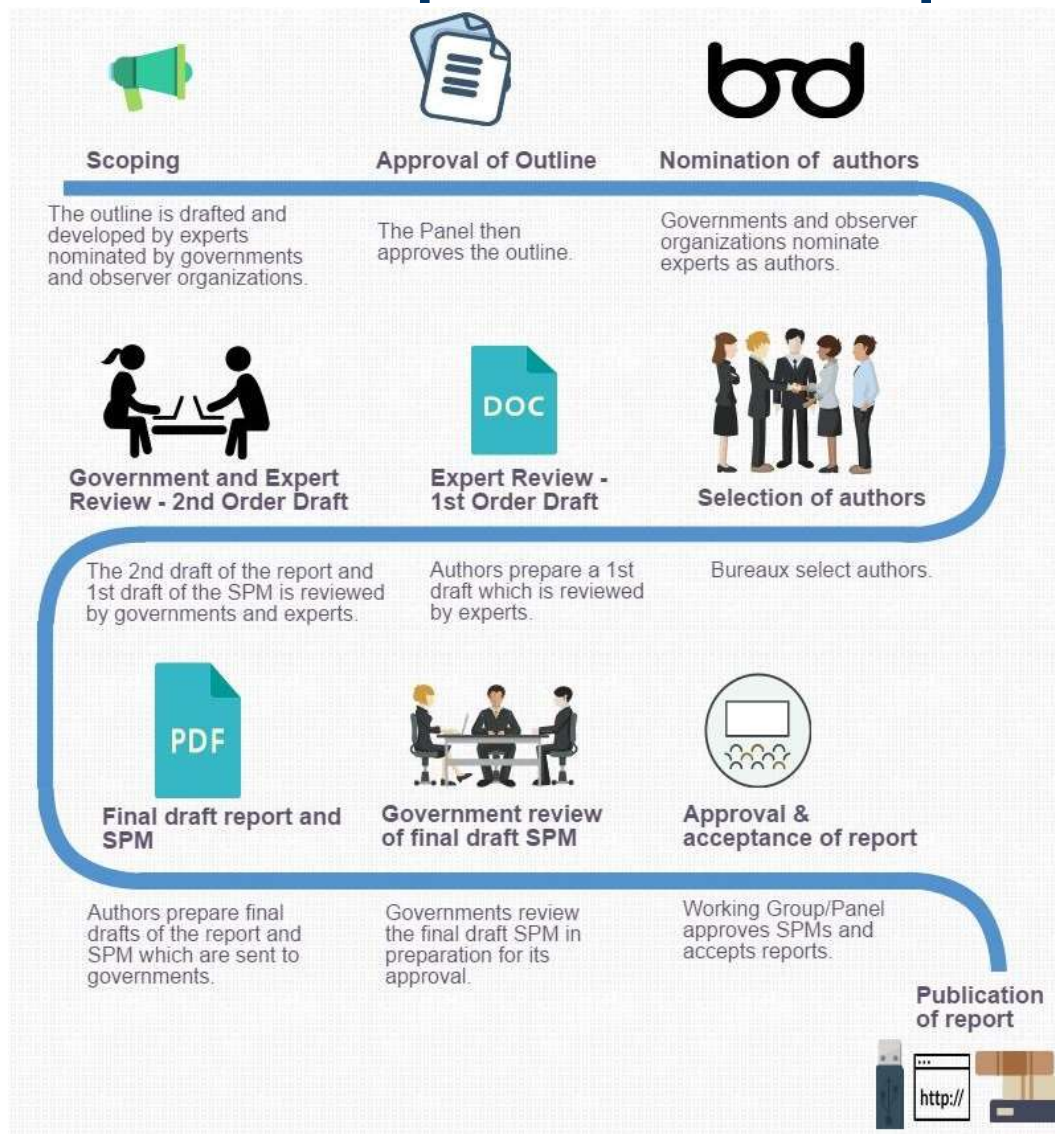
The more we disrupt our climate, the more we risk severe, pervasive and irreversible impacts

We have the means to limit climate change and build a more prosperous, sustainable future

# Finding your way round the report



# How the IPCC produces its reports?





Source:ENB

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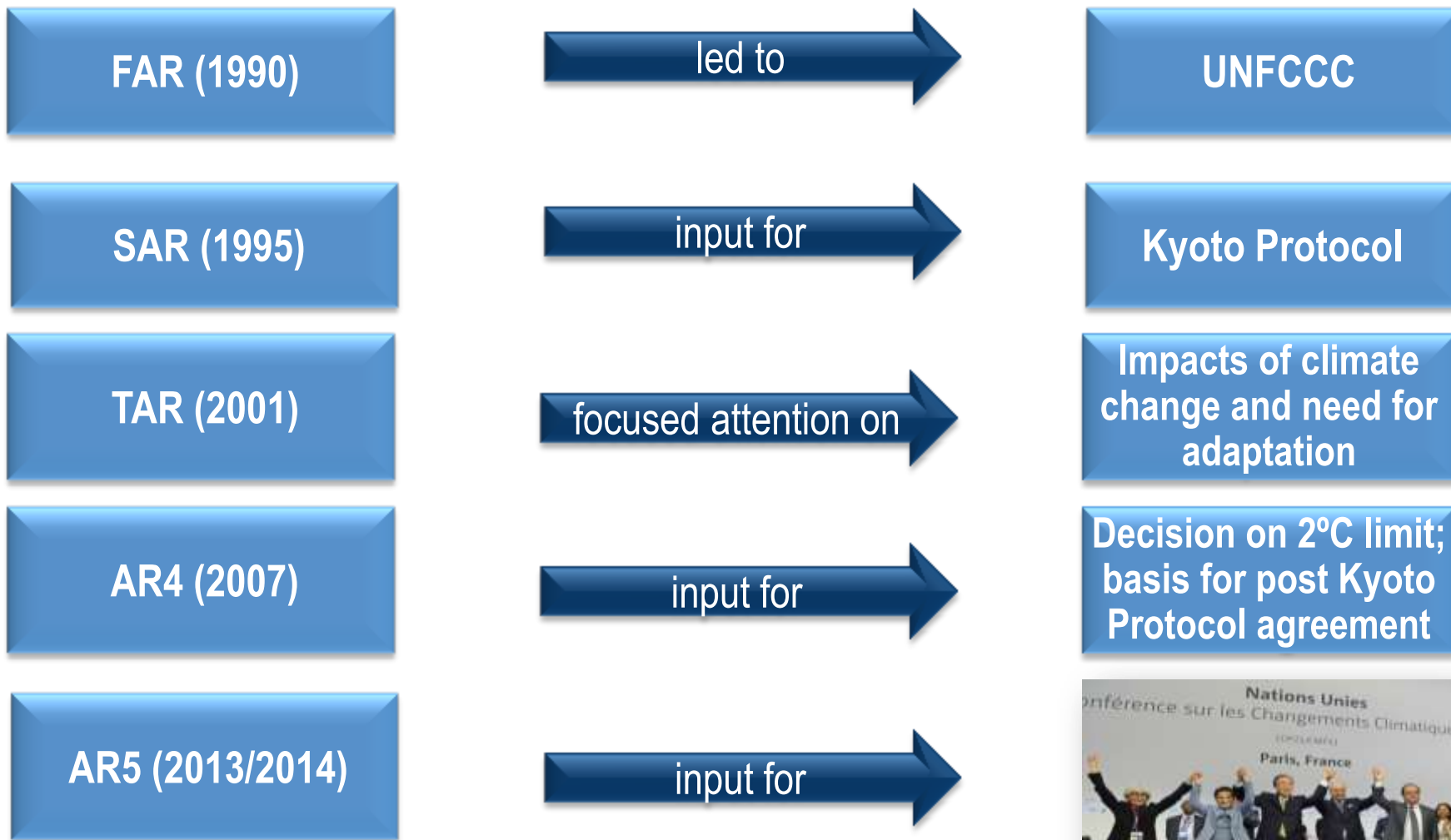








# IPCC reports have made an impact



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# IPCC reports are relevant



## SUSTAINABLE DEVELOPMENT GOALS



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# Other Activities and Achievements

National Greenhouse Gas Inventories  
(Publication of IPCC Methodology Reports)



Task Group on Data and Scenario Support for Impact and Climate Analysis (TGICA):  
facilitates distribution and application of climate change related data and scenarios)

Organizing expert meetings and workshops to facilitate  
discussion on topics relevant to the Assessment process



# Sixth assessment cycle



## Special Reports



Global Warming of 1.5 °C, an IPCC special report on the impacts of global warming of 1.5°C above pre-industrial 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

**October 2018**

**UNFCCC COP24 - Talanoa (facilitative) dialogue**

## Methodology Report update



2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories

**May 2019**

*\* Dates are subject to change*



# Sixth assessment cycle



## Special Reports



Special Report on Climate Change and Land: an IPCC special report on climate change, desertification, land degradation, sustainable land management, food security, and greenhouse gas fluxes in terrestrial ecosystems

**August 2019**



Special Report on the Ocean and Cryosphere in a Changing Climate

**September 2019**

**2019 UN Secretary- General Climate Summit**

*\* Dates are subject to change*

# Sixth assessment cycle (cont)



## AR6 Main Report



Working Group I, II, and III contribution to the Sixth Assessment Report in **2021**

Synthesis Report to the Sixth Assessment Report **April 2022**

## UNFCCC global stocktake 2023

## Cities



Attention on **cities** in AR6 including a conference and special report on cities in AR7

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WMO



UNEP

# IPCC Sixth Assessment (AR6)

*Some overarching preliminary aspects for the Synthesis Report*

- *Global Stocktake*
- *Interaction among emissions, climate, risks and development pathways*
- *Economic and social costs and benefits of mitigation and adaptation in the context of development pathways*
- *Adaptation and mitigation actions in the context of sustainable development*
- *Finance and means of support*

May 2019

**Emission inventories**



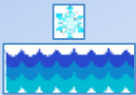
Oct. 2018

**Global warming of 1.5 °C**



Sept. 2019

**Oceans and cryosphere**



April 2021

**The Physical Science Basis**

October 2021

**Climate Change Impacts, Adaptation and Vulnerability**


April 2022

**The Synthesis Report**



**Talanoa dialogue UNFCCC**

**Land**



Aug. 2019

**Mitigation of Climate Change**

July 2021

**Global stocktake 2023 UNFCCC**

March 2018



Cities and Climate Change Science Conference

May 2018



Expert Meeting on Assessing Climate Information for Regions

May 2018



Expert Meeting on Short Lived Climate Forcers

*\* Dates are subject to change*

# Topics often in the news

Balance of reports

Selection of authors

Grey literature

Review process

Confidentiality of drafts

Approval process

Errors

[www.ipcc.ch](http://www.ipcc.ch)

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# THANK YOU FOR YOUR ATTENTION!

## For more information:

Website: <http://ipcc.ch/>

IPCC Secretariat: [ipcc-sec@wmo.int](mailto:ipcc-sec@wmo.int)

IPCC Press Office: [ipcc-media@wmo.int](mailto:ipcc-media@wmo.int)

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