

The Seventh Assessment Cycle of IPCC: Products and the relevance for informing Policies and Climate Actions

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**The 6th Central Asia Climate Conference, Bridging Climate Goals
with Action: Making Ambitions a Reality**

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Outline

1. IPCC Role and History
2. The Seventh Assessment Cycle (AR7), Program of Work and Products
3. IPCC Priorities for AR7 and Commitment for Strengthening the Participation of Early Career Scientists and ALL
4. Understanding the IPCC Process, Steps and Opportunities
5. Some of the key findings
6. Summary and Recommendation

IPCC Mandate

IPCC's role 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.

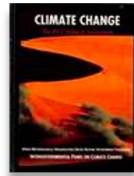
Key Principles

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 policies.

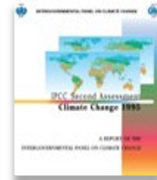
History | Evolution of the IPCC



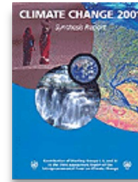
IPCC jointly established by WMO and UNEP



First Assessment Report
Led to creation of UNFCCC in 1994



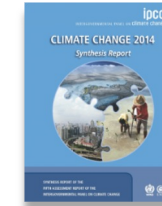
Second Assessment Report
Kyoto Protocol



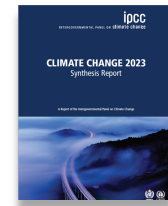
Third Assessment Report
Focus attention on adaptation to climate change



Fourth Assessment Report
2°C Limit
Nobel Peace Prize



Fifth Assessment Report
Paris Agreement - 2015



Sixth Assessment Report
First Global Stocktake - COP28

1988

1990

1995

2001

2007

2014

2023

GROWTH IN SCIENTIFIC RESEARCH

INCREASE IN STAKEHOLDER INVOLVEMENT

GROWING PUBLIC AWARENESS

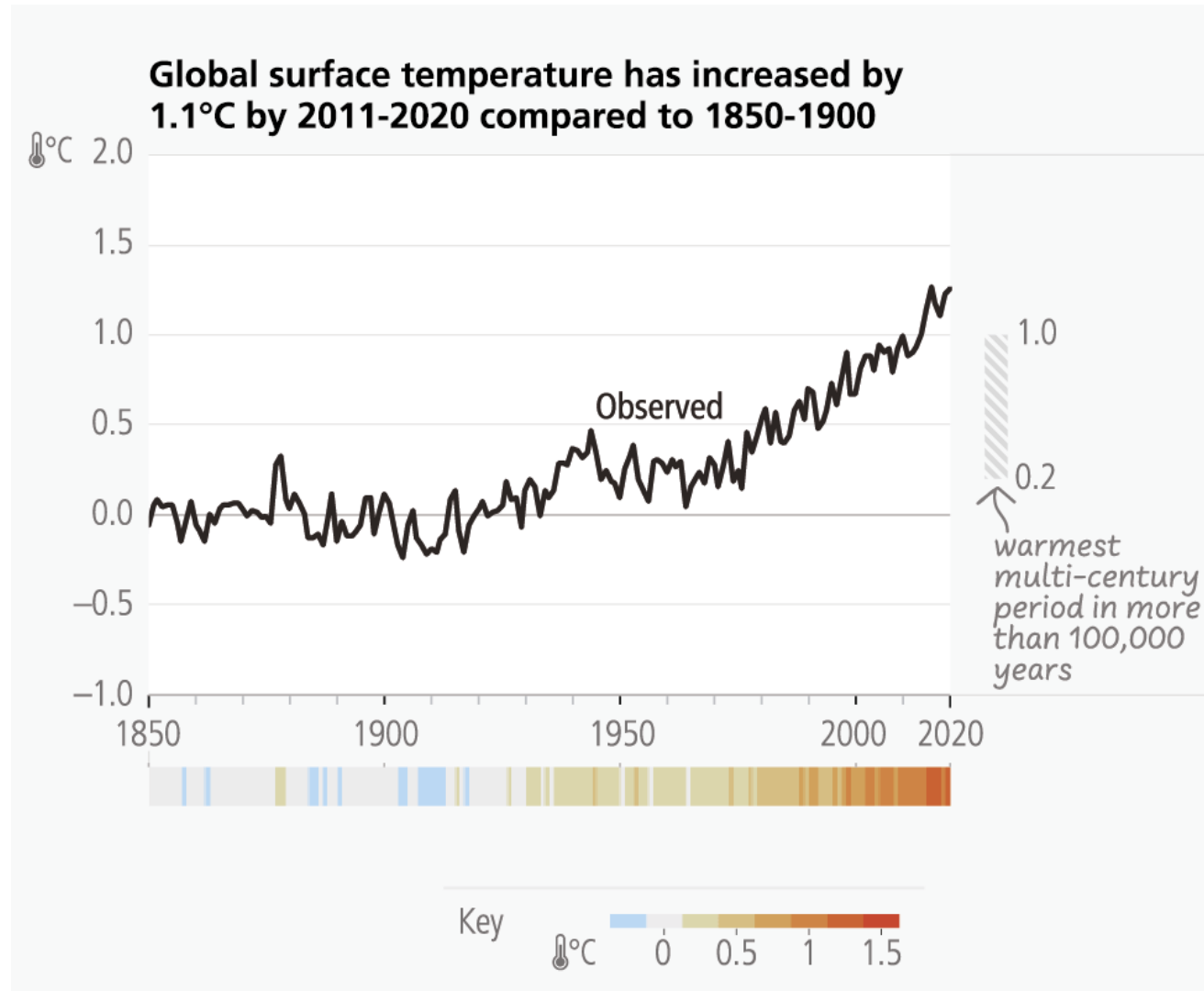
Seventh Assessment Cycle | Timeline



IPCC PRIORITIES AND STRATEGY FOR ENHANCING PARTICIPATION OF SCIENTISTS FROM DEVELOPING COUNTRIES IN IPCC PROCESS

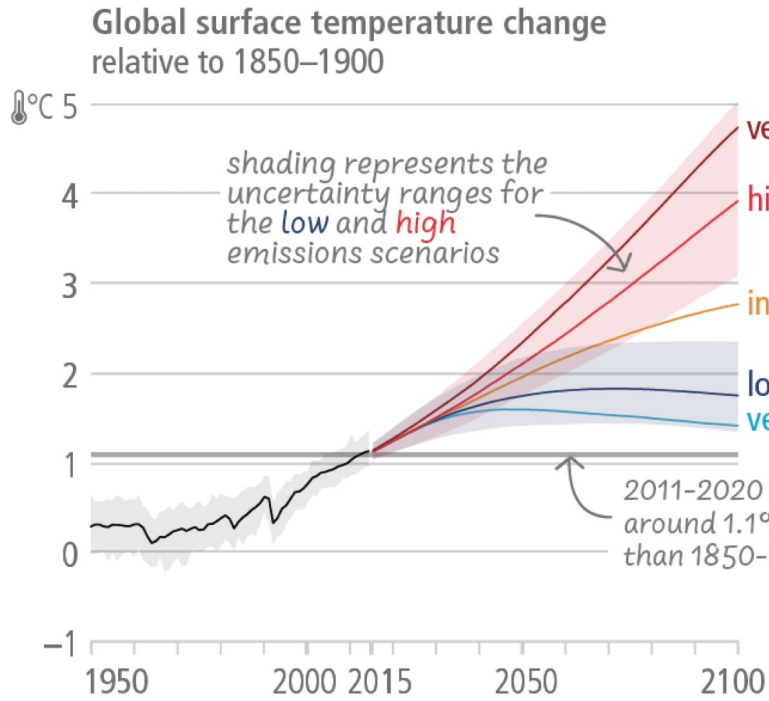
IPCC Chair AR7 Priorities	Intended Outcome in AR7	Approach and Potential Activities
Improving Inclusivity and Diversity	1. Increased Participation of Youth, Early Career Scientists, Practitioners, Indigenous Groups in IPCC work and process.	1. Enhancing Awareness and Sensitization about IPCC and the importance of its work, including how to participate.
Policy Relevance, Robustness and Comprehensiveness of IPCC Reports	2. Action and Solution Oriented Reports that inform Policy and Decision including GST2	2. Strengthening Collaboration with Partners, and Strengthening the IPCC Scholarship Programme.
Enhanced Collaboration and making Effective Use of IPCC products		3. Enhanced participation in the Review of IPCC Reports and dissemination of its findings. 4. Recommend to the Central Asia Countries and to this Conference to consider preparing Policy Briefs from Key Findings of the IPCC Reports and use it in engaging policy and decision makers. 5. Recommend to Central Asia Countries to continue enhancing support to IPCC including providing annual contribution to the IPCC Trust Funds to enhance the work of IPCC.

Observed Warming and its Causes

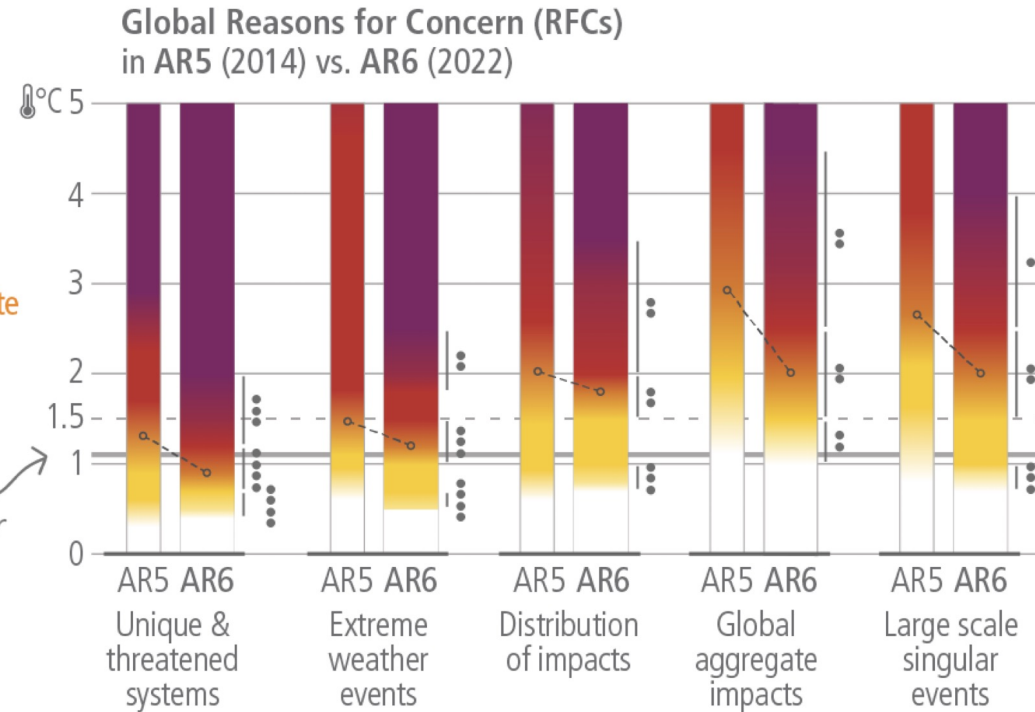


Risks are increasing with every increment of warming

High risks are now assessed to occur at lower global warming



IPCC AR6 SYR Figure SPM 4a



risk is the potential for adverse consequences

Risk/impact

- Very high
- High
- Moderate
- Undetectable

Transition range

Confidence level assigned to transition range

Low → Very high

midpoint of transition

Summary and Recommendation

1. With every additional warming, the Intensity and frequency of extreme events including heavy precipitation, heatwave, strong winds and storm are projected to continue increasing.
2. In the Seventh Assessment Cycle (AR7), IPCC is committed to strengthen Inclusivity and Diversity including promoting the enhanced participation of Early Career Scientists, Practitioners and Indigenous Group in IPCC Process.
3. Recommend to the Central Asia Countries and to this Conference to consider preparing Policy Briefs from Key Findings of the IPCC Reports and use it in engaging policy and decision makers.
4. We Encourage All Scientists and Experts including Early Career Scientists to strengthen participation in Climate Change Science and IPCC Process, starting with active participation in the IPCC SRCCC.

THANK YOU
FOR YOUR ATTENTION

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