

AR6 Climate Change 2021: The Physical Science Basis

The Working Group I contribution to the Sixth Assessment Report addresses the most up-to-date physical understanding of the climate system and climate change, bringing together the latest advances in climate science, and combining multiple lines of evidence from paleoclimate, observations, process understanding, and global and regional climate simulations.

The Technical Summary (TS), the full Report Chapters, the Annexes and the Supplementary Materials are the Final Government Distribution versions, and remain subject to revisions following the SPM approval, corrigenda, copy-editing, and layout. Although these documents still carry the note from the Final Government Distribution “Do Not Cite, Quote or Distribute” they may be freely published, as the report has now been approved and accepted.

SUMMARY FOR POLICYMAKERS (SPM)

TECHNICAL SUMMARY (TS)

FULL REPORT

ERRATA

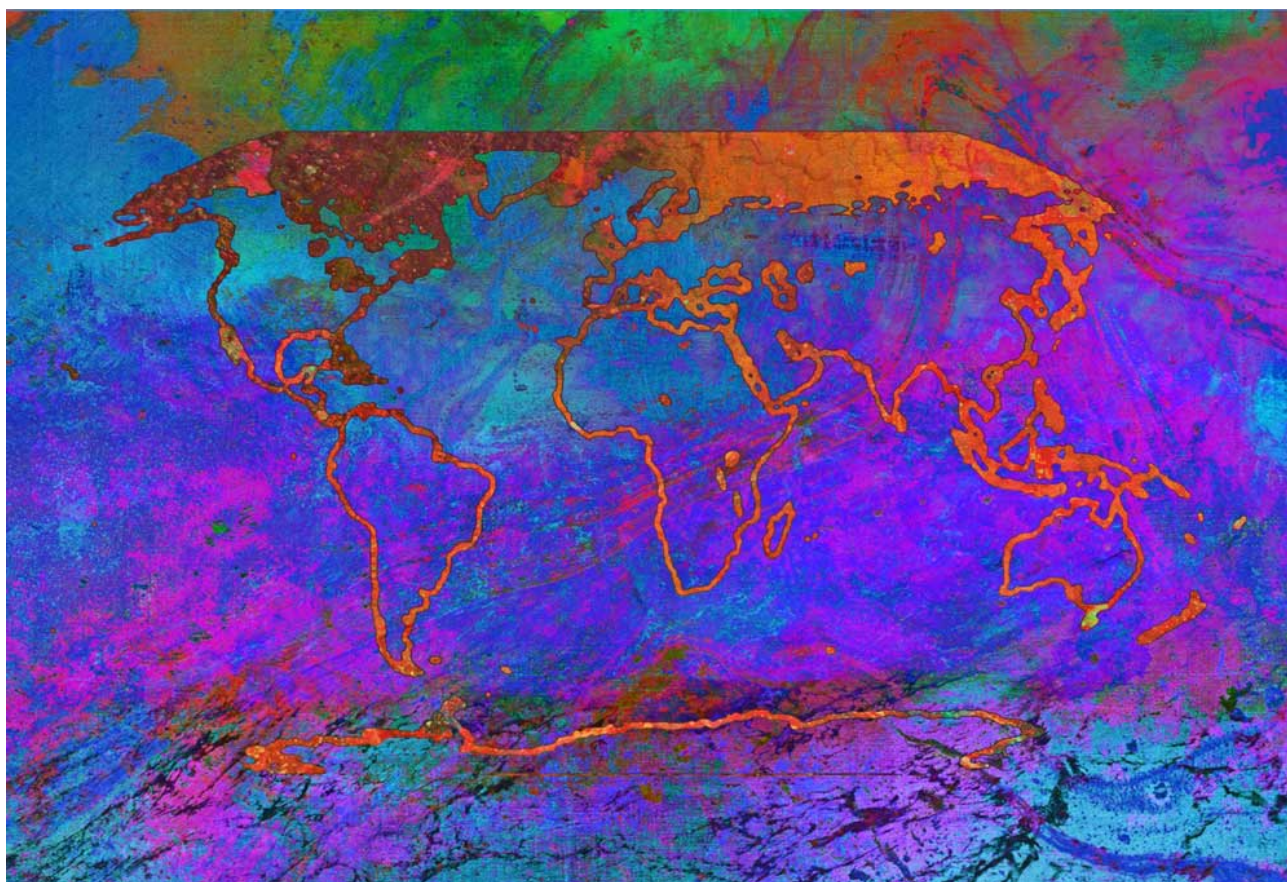
INTERACTIVE ATLAS

FREQUENTLY ASKED QUESTIONS (FAQs)

REGIONAL FACT SHEETS

DATA ACCESS

OUTREACH MATERIALS

**Changing** by Alisa Singer

"As we witness our planet transforming around us we watch, listen, measure ... respond."

www.environmentalgraphiti.org – 2021 Alisa Singer.

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Summary for Policymakers

The Summary for Policymakers (SPM) provides a high-level summary of the understanding of the current state of the climate, including how it is changing and the role of human influence, and the state of knowledge about possible climate futures, climate information relevant to regions and sectors, and limiting human-induced climate change. (39 pages)

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Technical Summary

The Technical Summary (TS) is designed to bridge between the comprehensive assessment of the Working Group I Chapters and its Summary for Policymakers (SPM). It is primarily built from the Executive Summaries of the individual chapters and atlas and provides a synthesis of key findings based on multiple lines of evidence. (150 pages)

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Full report

The thirteen chapters of the Working Group I report provide an assessment of the current evidence on the physical science of climate change, knowledge evaluation gained from observations, reanalyses, paleoclimate archives and climate model simulations, as well as physical, chemical and biological climate processes. (1300 pages?)

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Chapters
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Read the Protocol here: [ipcc_error_protocol_en.pdf](#)

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Interactive Atlas

The novel AR6 Working Group I Interactive Atlas allows for a flexible spatial and temporal analysis of both data-driven climate change information and assessment findings in the report. It includes two components:

- The Regional Information component provides access to climate change information (variables and derived indices) from the main datasets used in the report.
- The Regional Synthesis component allows the exploration of key synthesized assessments building on multiple lines of evidence across the Working Group I reference regions. This component supports the SPM and is being updated to align with the final approval version (to be presented in late September).

Link to the Interactive Atlas: <https://interactive-atlas.ipcc.ch/>

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Frequently Asked Questions

Frequently Asked Questions (FAQs) explain important processes and aspects that are relevant to the whole report for a broad audience and help to interpret the report. They are related to the Chapter they are assigned to, but can be relevant to multiple Chapters. (34 FAQs)

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Regional Fact Sheets

Regional fact sheets are an outreach product that is fully traceable to the Chapters, the Technical Summary and the Interactive Atlas. They constitute an entry point for regionalized information in the AR6 Working Group I report. (11 fact sheets)

[Download Regional Fact Sheets](#)

Data Access

Data for SPM figures is available from the following weblink:

[CEDA Catalogue](#)

Click on 'Datasets' under Related Records to view the catalogue records for each SPM figure and to access the corresponding data. The Abstract field of these catalogue records contains detailed information about the data, including how it should be cited. The data is made available under a Creative Commons Attribution 4.0 International License

(<http://creativecommons.org/licenses/by/4.0/>).

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Outreach Materials

Use the links below to access the slides presented at the 9 August 2021 press briefing and a slide deck containing the Headline Statements and figures from the Summary for Policymakers.

[IPCC Press Release](#) on the Working Group I Contribution to the Sixth Assessment Report.

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