

References

Below is a list of references to the third edition of *The Thinking Person's Guide to Climate Change*. The list is sequenced by chapter, subchapter, and sidebar. Entries are arranged in order of appearance in the narrative, keyed to a phrase from the relevant sentence. The book's Selected Bibliography, which is included in the print and e-book editions, is largely drawn from the list below and is arranged alphabetically by chapter.

The most comprehensive summaries of research on climate change can be found in the assessments published by the Intergovernmental Panel on Climate Change (IPCC). Most of the chapters in this book draw on the IPCC's Sixth Assessment Report (<https://www.ipcc.ch/assessment-report/ar6>), which was prepared by three working groups (WGI, WGII, and WGIII), published online in three parts in 2021 and 2022, and summarized in a concluding Synthesis Report published online in 2023. Below are citations for the full reports, including the online editions and the print versions that followed. Subsequent references in this document use a condensed style that points to the relevant report, chapter, and page number.

IPCC AR6 WGI

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For comprehensive findings pertaining to the United States, see the series of national assessments issued by the US Global Change Research Program. Several chapters in this book draw on the Fifth National Climate Assessment, published in 2023. As of this writing, the fifth assessment was no longer available at the federal website that originally hosted it (nca2023.globalchange.gov), but it was available from the non-federal website below. In 2025, the Trump administration halted the sixth assessment, which was due to be published in 2027, and it dismissed the hundreds of volunteer authors who had been working on it.

Fifth NCA

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For collections of **attribution studies of extreme events**, including heat waves and heavy precipitation, see these resources:

- The American Meteorological Society’s “Explaining Extreme Events from a Climate Perspective” reports (each year’s report going back to 2011 is linked from the main page:
<https://www.ametsoc.org/index.cfm/ams/publications/bulletin-of-the-american-meteorological-society-BAMS/explaining-extreme-events-from-a-climate-perspective>).
- The international, multi-institutional World Weather Attribution program:
<https://www.worldweatherattribution.org>.

For analyses of **global energy trends**, see the many regular products and special reports issued by the International Energy Agency, including:

World Energy Outlook 2024 (issued annually):
<https://www.iea.org/reports/world-energy-outlook-2024>

Other reports and data:
<https://www.iea.org/analysis?type=report>
<https://www.iea.org/data-and-statistics>

Extensive background on **emissions and energy trends**, including narratives and numerous graphics, can be found at Our World in Data, a collaboration between the University of Oxford and the nonprofit Global Change Data Lab.

Climate Change:

<https://ourworldindata.org/explorers/climate-change>

Energy:

<https://ourworldindata.org/energy>

CO2 and Greenhouse Gas Emissions:

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CHAPTER 1

Climate Change: A Primer

The big picture

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CHAPTER 2

The Greenhouse Effect

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CHAPTER 3

Who's Responsible?

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CHAPTER 4

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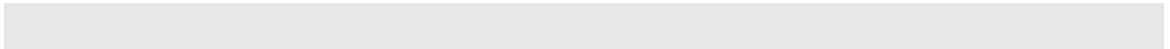
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CHAPTER 5

Floods and Droughts

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CHAPTER 6

The Big Melt

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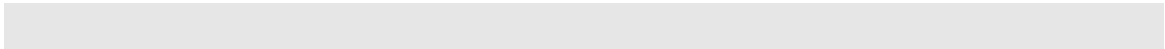
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Tropics and midlatitudes: Goodbye glaciers?

p. 144: ...From 2016 to 2022 alone, the surface area...

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CHAPTER 7

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CHAPTER 8

Hurricanes and Other Storms

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CHAPTER 9

Ecosystems and Agriculture

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CHAPTER 10

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CHAPTER 12

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CHAPTER 13

A Heated Debate

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CHAPTER 14

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CHAPTER 15

Technological Solutions

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CHAPTER 16

Political Solutions

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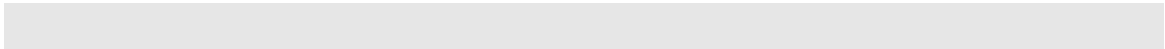
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Epilogue: What We Can Do

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