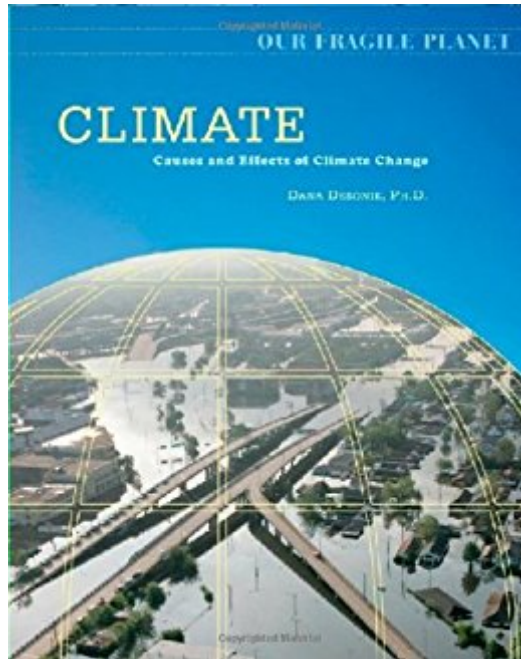




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# Climate: Causes And Effects Of Climate Change (Our Fragile Planet)



## Synopsis

Though climate change is normal in Earth's history, global warming has raised average temperatures to their highest in two millennia, resulting in melting ice caps, shorter winters, changes in the seasonal behaviors of animals, and more extreme weather. And though greenhouse gases are essential for keeping the planet's temperatures comfortable, fossil fuel burning and other human activities are increasing greenhouse gas levels and causing temperatures to rise. While a decade ago many scientists were skeptical that human activities could impact the climate system, their models now show that only human activities can account for the magnitude of changes being seen. "Climate" is a timely new book that discusses the issue of global warming and what we can do to prevent its rise. Highly visual and written in a clear, accessible manner, this book addresses how people must use energy more efficiently, develop alternative energy sources, and lower emissions technologies.

## Book Information

File Size: 6660 KB

Print Length: 199 pages

Publisher: Chelsea House Pub (L); 1 edition (November 30, 2007)

Publication Date: November 30, 2007

Sold by: Amazon Digital Services LLC

Language: English

ASIN: B005JZ95XY

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #3,126,566 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #53

in Kindle Store > Kindle eBooks > Teen & Young Adult > Education & Reference > Science & Technology > Science & Nature > Environmental Conservation & Protection #84 in Books > Teens > Education & Reference > Science & Technology > Earth Science > Weather #112 in Kindle Store > Kindle eBooks > Teen & Young Adult > Education & Reference > Science & Technology > Science & Nature > Earth Sciences

## Customer Reviews

For grades 6 - 12 Each book in the Our Fragile Planet series focuses on the causes and effects of climate change and human impact on the atmosphere, biosphere, climate, geosphere, the natural environment, hydrosphere, oceans, and polar regions. Each fact-filled book includes photographs, charts, and graphs along with a glossary, an index, and references for further reading. The information found in this series will engage children's curiosity and provide them with a sense of stewardship. This volume focuses on how climate works and the natural and human causes of climate change. It explains how scientists learn about the past and present climate and how scientists predict future climate change. The second section explains the visible effects of climate change and discusses climate change in the atmosphere, hydrosphere, and biosphere. Finally, the author discusses a warmer future, explaining the future consequences of global warming and the "tipping point." The last section explains ways to approach the climate change problem. Readers consider the options humans have for responding to this challenge. This thought-provoking book will make children and adults view our fragile planet in a new way. Written for students in grades 6 through 12, it could also be read by some elementary students. It would also be an excellent reference book for teachers. Teachers using differentiated instruction would find this book very useful. Visit my website at [edconnectionsllc.com](http://edconnectionsllc.com)

The idea behind this series of school textbooks is presented on the front cover: Our Fragile Planet. The book presents data to show that our climate is changing rapidly, with global warming the main result. The author bases her arguments on the latest IPCC report, which we now know is flawed at many points. Examples include erroneous predictions about the melting of Himalayan glaciers, the percentage of land in Holland below sea level and mistake references to the sensitivity of the rain forests to warming. It seems to me that our children should not be given flawed or faulty data, and that any text books should provide only verified and confirmed facts about the climate rather than fanciful predictions of doom and gloom. But no counter-arguments are presented in this volume dealing with climate, despite the many dissenting scientists who are sceptical of the hypothesis of AGW (anthropocentric global warming). They include Professor Lindzen, Fred Singer, and most recently James Lovelock, who formerly wrote alarmist and hysterical books about the fate of planet earth. They at least contradict the assertion in the conclusion that the science is now "settled". Contrary to the title of the series, much of the geological evidence shows just how robust earth is as a planet, having survived and indeed thrived through meteorite impacts, many different climates, changes of sea level, deep global cooling and so on. It is most dangerous to spoonfeed children with questionable theories, and provide no dissenting views. Surely children should be provided with

the truth, and not a biased version based on computer models which even the IPCC admits are uncertain in their predictions. Most adults are aware of the ways in which totalitarian societies brainwash their children using carefully edited textbooks, and we should not allow it to happen in freedom-loving democracies, especially the USA.

Climate is a great book to learn about the climate in one easy to read book. The author does a great job of explaining the details of the causes and effects of the world, and refers to several scientific studies that help put together this wealth of information. I would recommend this book to anyone in the age group of 6th grade to 12th grade or an adult. This book makes you more aware of all the things we do in our daily lives and how it is effecting our world. I even asked the author to explain a table to me a little better and it was answered on [...].

The book contains untrue information and as a book for students it is a disgrace. Desonie writes, "Species of plants and animals that have never before been seen in the Arctic are moving in, such as .. the American robin." The range for the American robin has always included almost all of North America. A map published in 1966 (The Birds of Canada, Godfrey) shows the range up the the Arctic ocean. Just type "American robin range map" in Google images. This book does not deserve one star. It is brainwashing our children. CAS

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