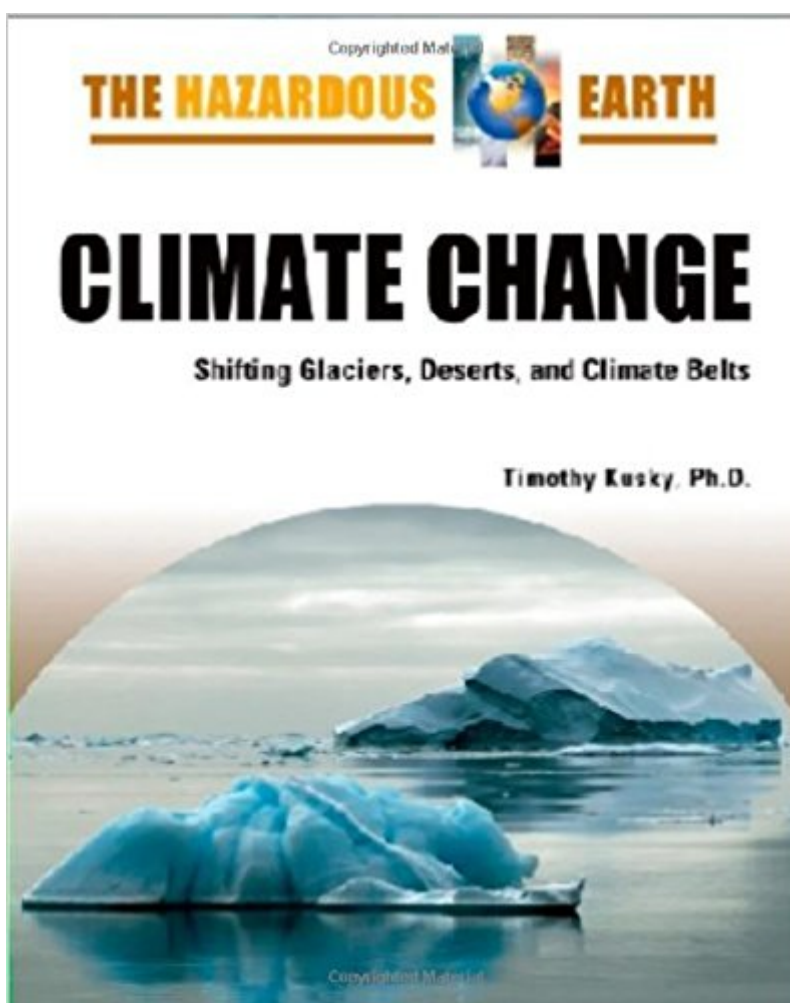


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Climate Change: Shifting Glaciers, Deserts, And Climate Belts (Hazardous Earth)



Synopsis

Scientists warn that the planet is becoming warmer at a rapid pace and there will be significant consequences for people and ecosystems. This book is an examination of the climate history of the past million years which may help predict and alter the course for the future.

Book Information

Series: Hazardous Earth

Hardcover: 156 pages

Publisher: Facts on File; 1 edition (December 1, 2008)

Language: English

ISBN-10: 0816064660

ISBN-13: 978-0816064663

Product Dimensions: 7.5 x 0.7 x 9.2 inches

Shipping Weight: 1.1 pounds

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Customer Reviews

Grade 8 Up
•This detailed, concise work covers the many interrelated aspects of the phenomenon clearly. The eight chapters address such topics as natural, long-term variations; shrinking glaciers; and human effects, interspersed with mini-lessons on, for example, carbon sequestration and China's effort to tide the growth of the Gobi desert. The chapter on human contributions to global warming describes findings from the past 100 years and the conclusions of the 2007 Intergovernmental Panel on Climate Change. Though this impartial discussion of "anthropogenic change" is reason enough to buy the book (and is a great complement to a viewing of Al Gore's *An Inconvenient Truth*), there are other unexpected bonuses. For example, the explanations of how plate tectonics affects climate (which is rarely covered) and how seasons occur are both exceptionally easy to understand. Where possible, examples of changing landscapes and patterns in the United States are included, so that students in many areas of the country will easily identify with the processes discussed. Unfortunately, some of the black-and-white photographs, graphs, tables, and maps are unclear. Purchase this for the text, which will work well for students completing in-depth reports on the environment and earth science.
•Henrietta

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TIMOTHY M. KUSKY is a professor at St. Louis University in Missouri, where he teaches courses in geologic hazards, environmental geology, structural geology, remote sensing, tectonics, and Precambrian crustal evolution. He has an active, award-winning research program, including projects in Asia, Africa, the Middle East, the United States, Canada, and Australia. Kusky received his B.Sc. and M.Sc. in geological sciences from the State University of New York at Albany, and his M.S. and Ph.D. in earth and planetary sciences from The Johns Hopkins University. He did post-doctoral studies in the Department of Mechanical Engineering at the University of California, Santa Barbara, and worked as a visiting professor in the Department of Geological Sciences and the Allied Geophysical Laboratories at the University of Houston. He also worked as an assistant professor at the Center for Remote Sensing and Department of Geology at Boston University.

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