

Global Warming The Complete Briefing John Theodore Houghton

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The Greatest Hoax John Wiley & Sons

Most Christian lifestyle or environmental books focus on how to live in a sustainable and conservational manner. A CLIMATE FOR CHANGE shows why Christians should be living that way, and the consequences of doing so. Drawing on the two authors' experiences, one as an internationally recognized climate scientist and the other as an evangelical leader of a growing church, this book explains the science underlying global warming, the impact that human activities have on it, and how our Christian faith should play a significant role in guiding our opinions and actions on this important issue.

Climate Change Science John Wiley & Sons

Based on the author's highly successful undergraduate course taught at the University of Chicago, Global Warming presents the processes of climate change and climate stability. Drawing on a wide range of disciplines, this Second Edition not only summarizes scientific evidence, but also presents economic and political issues related to global warming.

A Climate for Change National Academies Press

The Down-to-Earth Guide to Global Warming is the comprehensive resource readers can look to for understanding why global warming happens and how we can all work together to stop it. Irreverent and entertaining, packed with essential facts and suggestions for how to effect change, the book offers a message of hope. Kids and adults alike can help prevent the full consequences of global warming—we all have a part to play.

Climate Cover-Up Voyageur Press (MN)

"First published in hardcover by Bloomsbury USA in 2006 ... updated with new material in 2015"--Title page verso.

How to Avoid a Climate Disaster Basic Books

This comprehensive, current examination of U.S. law as it relates to global climate change begins with a summary of the factual and scientific background of climate change based on governmental statistics and other official sources. Subsequent chapters address the international and national frameworks of climate change law, including the Kyoto Protocol, state programs affected in the absence of a mandatory federal program, issues of disclosure and corporate governance, and the insurance industry. Also covered are the legal aspects of other efforts, including voluntary programs, emissions trading programs, and carbon sequestration.

They Knew Island Press

"This undergraduate level textbook, based on Eli Tziperman's "Global Warming 101" course at Harvard--a quantitative introduction to the science of global warming. From the greenhouse effect to the consequences of the rise of greenhouse gases, the book discusses a range of topics including sea level rise, ocean acidification, heat waves, droughts, glacier melting, changes to hurricanes, and more. Taking a modular approach to the subject, each semi-independent chapter attempts to explain the physical or chemical mechanisms behind an observed or anticipated change in the climate system, and to demonstrate the statistical (or other) tools used to understand and predict these changes. Much of the study of climate change is based on large-scale, complex "Earth System Models" that attempt to simulate the oceans, atmosphere, land surface, cryosphere and biosphere. However, this book is based on the belief that every one of the relevant subjects can be understood using a pared-down framework, employing a straightforward statistical analysis, a few simple ordinary differential equations, or a set of basic chemical reactions. The approach to

the subject is suitable for readers who have taken elementary (first year) undergraduate-level calculus and are aware of basic concepts in statistics; but, the book otherwise assumes no prior college-level exposure to Earth or climate science. To guide readers through analyzing, plotting and understanding problems relevant to the material covered, each chapter concludes with a "Workshop" based on a Jupyter python notebook and an accompanying small data set. The notebook exercises and corresponding datasets are available for download on a supplementary website, and the solutions will be made available to adopting instructors"--

Climate Change OUP Oxford

Summarizes the science of climate change and impacts on the United States, for the public and policymakers.

False Alarm Springer Science & Business Media

How much of global warming is due to human activities? How far will it be possible to adapt to changes of climate? Sir John Houghton's definitive, full colour guide to climate change answers these questions and more by providing the best and latest information available, including the latest IPCC findings. The simple, logical flow of ideas gives an invaluable grounding in the science, as well as the physical and human impacts of climate change, for undergraduate students across a wide range of disciplines. Accessible to both scientists and non-scientists, the text avoids mathematical equations and includes more technical material in boxes, while simple figures help students to understand the conclusions the science leads to without being overwhelmed by vast amounts of data. Questions for students to consider and test their understanding are included in each chapter, along with carefully selected further reading to expand their knowledge.

Global Climate Change and U.S. Law BoD – Books on Demand

"This is, for my money, the best single-source primer on the state of climate change." - New York Magazine "The right book at the right time: accessible, comprehensive, unflinching, humane." - The Daily Beast "A must-read." - The Guardian The essential primer on what will be the defining issue of our time, Climate Change: What Everyone Needs to Know® is a clear-eyed overview of the science, conflicts, and implications of our warming planet. From Joseph Romm, Chief Science Advisor for National Geographic's Years of Living Dangerously series and one of Rolling Stone's "100 people who are changing America," Climate Change offers user-friendly, scientifically rigorous answers to the most difficult (and commonly politicized) questions surrounding what climatologist Lonnie Thompson has deemed "a clear and present danger to civilization." New questions about climate change addressed in this guide include: · Analysis of the Paris climate agreement, including the United States' withdrawal · Examines implications of the clean energy revolution, from solar and wind power to batteries and electric cars · The latest on climate science, including updates on efforts to stem or slow climate change · Insights into what Donald Trump's presidency means for climate action in the US and internationally As the global response to climate change continues to evolve, Climate Change: What Everyone Needs to Know® offers smart, unbiased answers to the most difficult questions in an area dogged by misunderstanding and politicization.

Global Warming Classroom Complete Press

This book seeks to separate fact from fiction in the global-warming debate. The author begins by describing the history of the Intergovernmental Panel on Climate Change (IPCC) and many other conferences, and their dire predictions on global temperatures, rainfall, weather and climate, while highlighting confusion and sensationalism media reports. He then lays out the "heretical" scientific case of the sizable skeptical scientific community who challenge the accepted wisdom.

The Discovery of Global Warming Greystone Books Ltd

Climate Change: Evidence and Causes is a jointly produced publication of The US National Academy of Sciences and The Royal Society. Written by a UK-US team of leading climate scientists and reviewed by climate scientists and others, the publication is intended as a brief, readable reference document for decision makers, policy makers, educators, and other individuals seeking authoritative information on the some of the questions that continue to be asked. Climate Change makes clear what is well-established and where understanding is still developing. It echoes and builds upon the long history of climate-related work from both national academies, as well as on the newest climate-change assessment from the United Nations' Intergovernmental Panel on Climate Change. It touches on current areas of active debate and ongoing research, such as the link between ocean heat content and the rate of warming.

The Cartoon Introduction to Climate Change, Revised Edition Picador

An "essential" (Times UK) and "meticulously researched" (Forbes) book by "the skeptical

environmentalist" argues that panic over climate change is causing more harm than good Hurricanes batter our coasts. Wildfires rage across the American West. Glaciers collapse in the Artic. Politicians, activists, and the media espouse a common message: climate change is destroying the planet, and we must take drastic action immediately to stop it. Children panic about their future, and adults wonder if it is even ethical to bring new life into the world. Enough, argues bestselling author Bjorn Lomborg. Climate change is real, but it's not the apocalyptic threat that we've been told it is. Projections of Earth's imminent demise are based on bad science and even worse economics. In panic, world leaders have committed to wildly expensive but largely ineffective policies that hamper growth and crowd out more pressing investments in human capital, from immunization to education. False Alarm will convince you that everything you think about climate change is wrong -- and points the way toward making the world a vastly better, if slightly warmer, place for us all.

Field Notes from a Catastrophe University of Washington Press

Introduction. Climate change : where are we now? -- Al Gore and the greenhouse gas theory : Plan A -- Natural climate change : GHGs are not the whole answer -- Plan A, mitigation : a bridge too far? -- Plan B, the adaptation solution -- Adaptation through reflectivity and geoengineering -- The politics of adaptation vs. mitigation -- "Plan B" as insurance -- Where from here? : next steps as well as summary and conclusions

A Case for Climate Engineering Princeton University Press

A devastating, play-by-play account of the federal government's leading role in bringing about today's climate crisis. In 2015, a group of twenty-one young people sued the federal government for violating their constitutional rights by promoting the climate catastrophe, depriving them of life, liberty, and property without due process of law. They Knew offers evidence for their claims, presenting a devastating, play-by-play account of the federal government's role in bringing about today's climate crisis. James Speth, tapped by the plaintiffs as an expert on climate, documents how administrations from Carter to Trump--despite having information about climate change and the connection to fossil fuels--continued aggressive support of a fossil fuel based energy system. What did the federal government know and when did it know it? Speth asks, echoing another famous cover up. What did the federal government do and what did it not do? They Knew (an updated version of the Expert Report Speth prepared for the lawsuit) presents the most compelling indictment yet of the government's role in the climate crisis, showing a forty-year failure to take action. Since Juliana v. United States was filed, the federal government has repeatedly delayed the case. Yet even in legal limbo, it has helped inspire a generation of youthful climate activists. An Our Children's Trust Book **Surviving Global Warming** National Academies Press New York Times bestselling author Michael Crichton delivers another action-packed techno-thriller in State of Fear. When a group of eco-terrorists engage in a global conspiracy to generate weather-related natural disasters, its up to environmental lawyer Peter Evans and his team to uncover the subterfuge. From Tokyo to Los Angeles, from Antarctica to the Solomon Islands, Michael Crichton mixes cutting edge science and action-packed adventure, leading readers on an edge-of-your-seat ride while offering up a thought-provoking commentary on the issue of global warming. A deftly-crafted novel, in true Crichton style, State of Fear is an exciting, stunning tale that not only entertains and educates, but will make you think.

Global Climate Change Impacts in the United States Oxford University Press

Global warming has become perhaps the most complicated issue facing world leaders. It is becoming clear that humans have caused most of the past century's warming by releasing heat-trapping gases as we power our modern lives mainly by the burning of fossil fuels and forests. Whatever the uncertainties of climate models are, mankind has to strive very fast toward reduction in the huge amount of greenhouse gases emitted into the atmosphere in order to preserve natural resources and living organisms by introducing new advances on alternative fuels and other related technologies. This book presents the state-of-the-science fundamentals on the origin of Global Warming. The aim of the book is to create awareness among the energy engineers, academicians, researchers, industry personnel and society as a whole to help to stop the impact of climate change. In this book, chapters received from various authors are placed in three sub- sections - Causes of Global Warming, Impacts / Threats / Consequences of Global Warming and Remedies to the Global Warming.

State of Fear Rodale Books

This study examines the costs and benefits of an aggressive program of global action to limit the greenhouse effect. Cline summarizes the issues from the standpoint of an economist and estimates the damages of long-term warming.

Global Climate Change and Human Health DIANE Publishing

The Live Earth Global Warming Survival Handbook is the official companion volume to Live Earth concerts, 24 hours of nonstop concerts broadcast from around the world on July 7, 2007. The book

presents 77 essential skills for stopping climate change—and for living through it. It is a fun, compelling, and sly deconstruction of a survival guide, think Boy Scout Handbook crossed with WorldChanging atop the Worst-Case Scenario Survival Handbook, that offers equal parts tongue-in-cheek suggestions, practical advice, factual information, and bluesky dreaming of ways to save the world. Each skill is presented on a spread featuring a bright, full-color instructional illustration, a brief introduction to the skill and its core ideas, a set of instructions, spin-off ideas, and scientific and environmental facts. The book also includes a resource guide that provides useful resources for the ecoconscious reader.

Losing Earth Cambridge University Press

A leading scientist argues that we must consider deploying climate engineering technology to slow the pace of global warming. Climate engineering—which could slow the pace of global warming by injecting reflective particles into the upper atmosphere—has emerged in recent years as an extremely controversial technology. And for good reason: it carries unknown risks and it may undermine commitments to conserving energy. Some critics also view it as an immoral human breach of the natural world. The latter objection, David Keith argues in *A Scientist's Case for Climate Engineering*, is groundless; we have been using technology to alter our environment for years. But he agrees that there are large issues at stake. A leading scientist long concerned about climate change, Keith offers no naïve proposal for an easy fix to what is perhaps the most challenging question of our time; climate engineering is no silver bullet. But he argues that after decades during which very little progress has been made in reducing carbon emissions we must put this technology on the table and consider it responsibly. That doesn't mean we will deploy it, and it doesn't mean that we can abandon efforts to reduce greenhouse gas emissions. But we must understand fully what research needs to be done and how the technology might be designed and used. This book provides a clear and accessible overview of what the costs and risks might be, and how climate engineering might fit into a larger program for managing climate change.

Contraction & Convergence Oxford University Press

Describes the evidence of global warming, its causes, its predicted impacts, and how its detrimental effects can be reduced.