

Online Library Merchants Of Doubt: How A Handful Of Scientists Obscured The Truth On Issues From Tobacco Smoke To Global Warming

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* Our summary is short, simple and pragmatic. It allows you to have the essential ideas of a big book in less than 30 minutes. *As you read this summary, you will discover how the industry and sometimes the U.S. Government have developed a strategy of doubt to prevent regulation contrary to their interests. *You will also discover that : scientific activity is strongly supervised by permanent peer review; a handful of renowned scientists do not hesitate to manipulate the facts; the media's duty of impartiality is sometimes instrumentalized; we must not believe everything we are told! *Science can represent a danger for industry when it points out the harm to the environment or human health caused by economic activity. Industrialists then react thanks to a strategy developed for decades, consisting in maintaining doubt about these risks thanks to the valuable assistance of certain recognized scientists. The book *The Merchants of Doubt*, written by science historians Naomi Oreskes and Erik Conway, analyses, with supporting documents, how several scientific truths were attacked and questioned to protect economic or political interests. *Buy now the summary of this book for the modest price of a cup of coffee!

Online Library Merchants Of Doubt: How A Handful Of Scientists Obscured The Truth On Issues From Tobacco Smoke To Global Warming

The social dynamics of “alternative facts”: why what you believe depends on who you know Why should we care about having true beliefs? And why do demonstrably false beliefs persist and spread despite consequences for the people who hold them?

Philosophers of science Cailin O'Connor and James Weatherall argue that social factors, rather than individual psychology, are what's essential to understanding the spread and persistence of false belief. It might seem that there's an obvious reason that true beliefs matter: false beliefs will hurt you. But if that's right, then why is it (apparently) irrelevant to many people whether they believe true things or not? In an age riven by "fake news," "alternative facts," and disputes over the validity of everything from climate change to the size of inauguration crowds, the authors argue that social factors, not individual psychology, are what's essential to understanding the persistence of false belief and that we must know how those social forces work in order to fight misinformation effectively. First Published in 2011. Routledge is an imprint of Taylor & Francis, an informa company.

This original book considers one of the most extraordinary scientific and political stories of our time: how in the 1980s a handful of scientists came to believe that mankind faced catastrophe from runaway global warming, and how today this has persuaded politicians to land us with what promises to be the biggest bill in history. Christopher Booker interweaves the science of global warming with that of its growing political consequences,

Online Library Merchants Of Doubt: How A Handful Of Scientists Obscured The Truth On Issues From Tobacco Smoke To Global Warming

showing how just when the politicians are threatening to change our Western way of life beyond recognition, the scientific evidence behind the global warming theory is being challenged like never before. The book exposes the myth that the global warming theory is supported by a 'consensus of the world's top climate scientists'. It shows how the UN's Intergovernmental Panel on Climate Change is run by a small group of 'global warming' zealots, who have repeatedly rigged evidence to support their theory. But the politicians, pushed by the media, have so fallen for its propaganda that, short of dramatic change, our Western world now faces an unprecedented disaster.

Former executive editor of The New York Times and one of our most eminent journalists Jill Abramson provides a “valuable and insightful” (The Boston Globe) report on the disruption of the news media over the last decade, as shown via two legacy (The New York Times and The Washington Post) and two upstart (BuzzFeed and VICE) companies as they plow through a revolution that pits old vs. new media. “A marvelous book” (The New York Times Book Review), Merchants of Truth is the groundbreaking and gripping story of the precarious state of the news business. The new digital reality nearly kills two venerable newspapers with an aging readership while creating two media behemoths with a ballooning and fickle audience of millennials. “Abramson provides this deeply reported insider account of an industry fighting for survival. With a keen eye for detail and a willingness to interrogate her own profession, Abramson takes readers into the newsrooms

Online Library Merchants Of Doubt: How A Handful Of Scientists Obscured The Truth On Issues From Tobacco Smoke To Global Warming

and boardrooms of the legacy newspapers and the digital upstarts that seek to challenge their dominance” (Vanity Fair). We get to know the defenders of the legacy presses as well as the outsized characters who are creating the new speed-driven media competitors. The players include Jeff Bezos and Marty Baron (The Washington Post), Arthur Sulzberger and Dean Baquet (The New York Times), Jonah Peretti (BuzzFeed), and Shane Smith (VICE) as well as their reporters and anxious readers. Merchants of Truth raises crucial questions that concern the well-being of our society. We are facing a crisis in trust that threatens the free press. “One of the best takes yet on journalism’s changing fortunes” (Publishers Weekly, starred review), Abramson’s book points us to the future.

Today's New Environmentalists and Their Vision for the Future

Participation and Exclusion in Nuclear Decision-making

The Collapse of Western Civilization

How Industry's Assault on Science Threatens Your Health

Inside the Battle to Save Earth's Climate

The Rejection of Continental Drift

The Truth about the Coming Climate Catastrophe and Our Last Chance to Save Humanity
'Required reading for everyone' Adam Rutherford Shortlisted for the Royal Society Science Book Prize 2021 Medicine, education, psychology,

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economics - wherever it really matters, we look to science for guidance. But what if science itself can't always be relied on? In this vital investigation, Stuart Ritchie reveals the disturbing flaws in today's science that undermine our understanding of the world and threaten human lives. With bias, careless mistakes and even outright forgery influencing everything from austerity economics to the anti-vaccination movement, he proposes vital remedies to save and protect science - this most valuable of human endeavours - from itself. * With a new afterword by the author * 'Thrilling... Reminds us that another world is possible' The Times, Books of the Year 'Excellent... We need better science. That's why books like this are so important' Evening Standard

The "New York Times"-bestselling author of "Genome" and "The Red Queen" offers a provocative case for an economics of hope, arguing that the benefits of commerce, technology, innovation, and change--cultural evolution--will inevitably increase human prosperity.

In this book, authors from around the world reveal the range of tactics used across the corporate world that ultimately favor the bottom line over the greater good.

These are turbulent times in the world of book publishing. For nearly five centuries the methods and practices of book publishing remained largely

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unchanged, but at the dawn of the twenty-first century the industry finds itself faced with perhaps the greatest challenges since Gutenberg. A combination of economic pressures and technological change is forcing publishers to alter their practices and think hard about the future of the books in the digital age. In this book - the first major study of trade publishing for more than 30 years - Thompson situates the current challenges facing the industry in an historical context, analysing the transformation of trade publishing in the United States and Britain since the 1960s. He gives a detailed account of how the world of trade publishing really works, dissecting the roles of publishers, agents and booksellers and showing how their practices are shaped by a field that has a distinctive structure and dynamic. This new paperback edition has been thoroughly revised and updated to take account of the most recent developments, including the dramatic increase in ebook sales and its implications for the publishing industry and its future.

A former government regulator reveals how the tobacco industry's duplicitous tactics created a multimillion-dollar industry that is dismantling public health safeguards, in an exposé of how the regulatory system has been further undermined by the Bush administration to favor polluters, the manufacturers of dangerous products, and unscrupulous corporate

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interests.

Science Fictions

The Misinformation Age

The Hidden Science of Weather, Climate Change and the Air That Surrounds Us

Theory and Method in American Earth Science

The Attention Merchants

The Publishing Business in the Twenty-First Century

Requiem for a Species

How a Handful of Scientists Obscured the Truth on Issues from Tobacco Smoke to Global Warming

Believe in climate change. Or don't. It doesn't matter. But you'd better understand this: the best route to rebuilding our economy, our cities, and our job markets, as well as assuring national security, is doing precisely what you would do if you were scared to death about climate change. Whether you're the head of a household or the CEO of a multinational corporation, embracing efficiency, innovation, renewables, carbon markets, and new technologies is the smartest decision you can make. It's the most profitable, too. And, oh yes—you'll help save the planet. In *Climate Capitalism*, L. Hunter Lovins, coauthor of the bestselling *Natural Capitalism*, and the sustainability expert Boyd Cohen prove that the future of capitalism in a recession-riddled, carbon-constrained world will be built on innovations that cutting-edge leaders are bringing to the market today. These companies are creating jobs and driving innovation.

Online Library Merchants Of Doubt: How A Handful Of Scientists Obscured The Truth On Issues From Tobacco Smoke To Global Warming

Climate Capitalism delivers hundreds of indepth case studies of international corporations, small businesses, NGOs, and municipalities to prove that energy efficiency and renewable resources are already driving prosperity. While highlighting business opportunities across a range of sectors—including energy, construction, transportation, and agriculture technologies—Lovins and Cohen also show why the ex-CIA director Jim Woolsey drives a solar-powered plugin hybrid vehicle. His bumper sticker says it all: "Osama bin Laden hates my car." Corporate executives, entrepreneurs, environmentalists, and concerned citizens alike will find profitable ideas within these pages. In ten information-packed chapters, Climate Capitalism gives tangible examples of early adopters across the globe who see that the low-carbon economy leads to increased profits and economic growth. It offers a clear and concise road map to the new energy economy and a cooler planet.

The year is 2393, and the world is almost unrecognizable. Clear warnings of climate catastrophe went ignored for decades, leading to soaring temperatures, rising sea levels, widespread drought and—finally—the disaster now known as the Great Collapse of 2093, when the disintegration of the West Antarctica Ice Sheet led to mass migration and a complete reshuffling of the global order. Writing from the Second People's Republic of China on the 300th anniversary of the Great Collapse, a senior scholar presents a gripping and deeply disturbing account of how the children of the Enlightenment—the political and economic elites of the so-called advanced industrial societies—failed to act, and so brought about the collapse of Western civilization. In this haunting, provocative work of science-based fiction, Naomi Oreskes and Eric M. Conway imagine a world devastated by climate change. Dramatizing the science in ways traditional nonfiction cannot, the book reasserts the importance of scientists

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and the work they do and reveals the self-serving interests of the so called "carbon combustion complex" that have turned the practice of science into political fodder. Based on sound scholarship and yet unafraid to speak boldly, this book provides a welcome moment of clarity amid the cacophony of climate change literature.

Award-winning investigative journalist Wishart breaks open the global warming debate into easily understood chapters that first explain the latest scientific discoveries, and then explain the agenda behind the climate scare.

A thin, invisible layer of air surrounds the Earth, sustaining all known life on the planet and creating the unique climates and weather patterns that make each part of the world different. In *Firmament*, atmospheric scientist and science communicator Simon Clark offers a rare and accessible tour of the ins and outs of the atmosphere and how we know what we know about it. From the workings of its different layers to why carbon dioxide is special, from pioneers like Pascal to the unsung heroes working in the field to help us understand climate change, *Firmament* introduces us to an oft-overlooked area of science and not only lays the ground work for us to better understand the debates surrounding the climate today, but also provides a glimpse of the future that is possible with this knowledge in hand.

"Dale Jamieson and Bonnie Nadzam cause us to think—and to feel—what life will be like in a future where nothing is left that is spontaneous, accidental, or uncontrolled. A beautiful—and frightening—book." —Naomi Oreskes, professor, history of science, Harvard; author, *Merchants of Doubt* "Nadzam's prose is just gorgeous—she writes about people and skies and mountains and landscapes with incredible precision and appreciation of beauty. A reader can swim in these sentences and soak up the landscape via the prose with great pleasure."

Online Library Merchants Of Doubt: How A Handful Of Scientists Obscured The Truth On Issues From Tobacco Smoke To Global Warming

—Aimee Bender on Bonnie Nadzam's *Lamb* “I started reading [Jamieson's prose] and couldn't stop... Part of what's mesmerizing about climate change is its vastness across both space and time. Jamieson, by elucidating our past failures and casting doubt on whether we'll ever do any better, situates it within a humanely scaled context.” —Jonathan Franzen on Dale Jamieson's *Reason in a Dark Time* An audacious collaboration between an award-winning novelist and a leading environmental philosopher, *Love in the Anthropocene* taps into one of the hottest topics of the day, literally and figuratively—our corrupted environment—to deliver five related stories (“Flyfishing,” “Carbon,” “Holiday,” “Shanghai,” and “Zoo”) that investigate a future bereft of natural environments, introduced with a discussion on the Anthropocene—the Age of Humanity—and concluding with an essay on love. The “love” these writer/philosophers investigate and celebrate is as much a constant as is human despoliation of the planet; it is what defines us, and it is what may save us. Science fiction, literary fiction, philosophical meditation, manifesto? All the above. This unique work is destined to become an essential companion—a primer, really—to life in the 21st century.

Merchants of Doubt

Why Our Brains Are Wired to Ignore Climate Change

Small Entrepreneurs in the Late Medieval Economy

A View from the Future

Novacene

What We Know about Climate Change

Climate Change Denial

Why Trust Science?

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The must-read summary of Naomi Oreskes and Erik Conway's book: "Merchants of Doubt: How a Handful of Scientists Obscured the Truth on Issues from Tobacco Smoke to Global Warming". This complete summary of "Merchants of Doubt" by Naomi Oreskes and Erik Conway, two prominent science historians, presents their account of how a group of top scientists ran campaigns in order to confuse the public over the validity of scientific discoveries on issues such as global warming, the dangers of smoking and acid rain. In their book, the authors reveal the actions of this scientific community and how they have prevented the understanding of some of the most important global issues. Added-value of this summary: • Save time • Understand how politics can cause a conflict of interest with scientific facts and research • Expand your knowledge of politics and science To learn more, read "Merchants of Doubt" and discover the truth that scientists have been trying to hide.

An introduction to the scientific consensus on the human role in global warming.

Dr James Hansen, the world's leading scientist on climate issues, speaks out for the first time with the full truth about global warming:

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the planet is hurtling to a climatic point of no return. Hansen - whose climate predictions have come to pass again and again, beginning in the 1980s when he first warned US Congress about global warming - is the single most credible voice on the subject worldwide. He paints a devastating but all-too-realistic picture of what will happen if we continue to follow the course we're on. But he is also a hard-headed optimist, and shows that there is still time to take the urgent, strong action needed to save humanity.

Attention merchant: an industrial-scale harvester of human attention. A firm whose business model is the mass capture of attention for resale to advertisers. In nearly every moment of our waking lives, we face a barrage of advertising enticements, branding efforts, sponsored social media, commercials and other efforts to harvest our attention. Over the last century, few times or spaces have remained uncultivated by the 'attention merchants', contributing to the distracted, unfocused tenor of our times. Tim Wu argues that this is not simply the byproduct of recent inventions but the end result of more than a century's growth and expansion in the industries that feed on human attention. From the pre-Madison Avenue birth of advertising to TV's

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golden age to our present age of radically individualized choices, the business model of 'attention merchants' has always been the same. He describes the revolts that have risen against these relentless attempts to influence our consumption, from the remote control to FDA regulations to Apple's ad-blocking OS. But he makes clear that attention merchants grow ever-new heads, and their means of harvesting our attention have given rise to the defining industries of our time, changing our nature - cognitive, social, and otherwise - in ways unimaginable even a generation ago.

Ours is the age of global warming. Rising sea levels, extreme weather, forest fires. Dire warnings are everywhere, so why has it taken so long for the crisis to be recognised? Here, for the first time, climate scientist Peter Stott reveals the bitter fight to get international recognition for what, among scientists, has been known for decades: human activity causes climate change. Across continents and against the efforts of sceptical governments, prominent climate change deniers and shadowy lobbyists, Hot Air is the urgent story of how the science was developed, how it has been repeatedly sabotaged and why humanity hasn't a second to spare in the fight to halt climate

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change.

Doubt is Their Product

Exposing Fraud, Bias, Negligence and Hype in Science

Review and Analysis of Naomi Oreskes and Erik Conway's Book

This Moment on Earth

Climate Capitalism

Capitalism in the Age of Climate Change

Science as a Contact Sport

The Seriously Inconvenient Truth about Global Warming

There is an immense range of books about the English Civil War, but one historian stands head and shoulders above all others for the quality of his work on the subject. In 1961 Christopher Hill first published what has come to be acknowledged as the best concise history of the period, *Century of Revolution*. Stimulating, vivid and provocative, his graphic depiction of the turbulent era examines ordinary English men and women as well as kings and queens.

In *Rationality and Ritual*, internationally renowned expert Brian Wynne offers a profound analysis of science and technology policymaking. By focusing on an episode of major importance in Britain's nuclear history – the Windscale Inquiry, a public hearing about the future of fuel reprocessing – he offers a

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powerful critique of such judicial procedures and the underlying assumptions of the rationalist approach. This second edition makes available again this classic and still very relevant work. Debates about nuclear power have come to the fore once again. Yet we still do not have adequate ways to make decisions or frame policy deliberation on these big issues, involving true public debate, rather than ritualistic processes in which the rules and scope of the debate are presumed and imposed by those in authority. The perspectives in this book are as significant and original as they were when it was written. The new edition contains a substantial introduction by the author reflecting on changes (and lack of) in the intervening years and introducing new themes, relevant to today's world of big science and technology, that can be drawn out of the original text. A new foreword by Gordon MacKerron, an expert on energy and nuclear policy, sets this seminal work in the context of contemporary nuclear and related big technology debates.

From the founder of the Climate Outreach and Information Network, a groundbreaking take on the most urgent question of our time: Why, despite overwhelming scientific evidence, do we still ignore climate change? “ Please read this book, and think about it. ” --Bill Nye Most of us recognize that climate change is real, and yet we do nothing to stop it. What is this psychological mechanism that allows us to know something is true but act as if it is not?

Online Library Merchants Of Doubt: How A Handful Of Scientists Obscured The Truth On Issues From Tobacco Smoke To Global Warming

George Marshall's search for the answers brings him face to face with Nobel Prize-winning psychologists and the activists of the Texas Tea Party; the world's leading climate scientists and the people who denounce them; liberal environmentalists and conservative evangelicals. What he discovered is that our values, assumptions, and prejudices can take on lives of their own, gaining authority as they are shared, dividing people in their wake. With engaging stories and drawing on years of his own research, Marshall argues that the answers do not lie in the things that make us different and drive us apart, but rather in what we all share: how our human brains are wired—our evolutionary origins, our perceptions of threats, our cognitive blindspots, our love of storytelling, our fear of death, and our deepest instincts to defend our family and tribe. Once we understand what excites, threatens, and motivates us, we can rethink and reimagine climate change, for it is not an impossible problem. Rather, it is one we can halt if we can make it our common purpose and common ground. Silence and inaction are the most persuasive of narratives, so we need to change the story. In the end, *Don't Even Think About It* is both about climate change and about the qualities that make us human and how we can grow as we deal with the greatest challenge we have ever faced. The U.S. scientific community has long led the world in research on such areas as public health, environmental science, and issues affecting quality of life. Our

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scientists have produced landmark studies on the dangers of DDT, tobacco smoke, acid rain, and global warming. But at the same time, a small yet potent subset of this community leads the world in vehement denial of these dangers. Merchants of Doubt tells the story of how a loose-knit group of high-level scientists and scientific advisers, with deep connections in politics and industry, ran effective campaigns to mislead the public and deny well-established scientific knowledge over four decades. Remarkably, the same individuals surface repeatedly-some of the same figures who have claimed that the science of global warming is "not settled" denied the truth of studies linking smoking to lung cancer, coal smoke to acid rain, and CFCs to the ozone hole. "Doubt is our product," wrote one tobacco executive. These "experts" supplied it. Naomi Oreskes and Erik M. Conway, historians of science, roll back the rug on this dark corner of the American scientific community, showing how ideology and corporate interests, aided by a too-compliant media, have skewed public understanding of some of the most pressing issues of our era. The complete text of Laudato Si ' , the landmark encyclical letter from Pope Francis that, as Time magazine reported, " rocked the international community " In the Encyclical on Climate Change and Inequality, the beloved Pope exhorts the world to combat environmental degradation and its impact on the poor. In a stirring, clarion call that is not merely aimed at Catholic readers but rather at a

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wide, lay audience, the Pope cites the overwhelming scientific evidence of climate change, and does not hesitate to detail how it is the result of a historic level of unequal distribution of wealth. It is, in short, as the New York Times labeled it, “ An urgent call to action . . . intended to persuade followers around the world to change their behavior, in hopes of protecting a fragile planet. ” With an insightful and informative introduction by Harvard professor Naomi Oreskes, famed for her bestselling Merchants of Doubt: How a Handful of Scientists Obscured the Truth on Issues from Tobacco Smoke to Global Warming.

Don't Even Think About It

Rationality and Ritual

Encyclical on Climate Change and Inequality

The Rational Optimist

How False Beliefs Spread

The Real Global Warming Disaster

Hot Air

On Care for Our Common Home

The award-winning climate scientist Michael E. Mann and the Pulitzer Prize-winning political cartoonist Tom Toles have been on the front lines of the fight against climate denialism for most of their careers. They have

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witnessed the manipulation of the media by business and political interests and the unconscionable play to partisanship on issues that affect the well-being of billions. The lessons they have learned have been invaluable, inspiring this brilliant, colorful escape hatch from the madhouse of the climate wars. The Madhouse Effect portrays the intellectual pretzels into which denialists must twist logic to explain away the clear evidence that human activity has changed Earth's climate. Toles's cartoons collapse counter-scientific strategies into their biased components, helping readers see how to best strike at these fallacies. Mann's expert skills at science communication aim to restore sanity to a debate that continues to rage against widely acknowledged scientific consensus. The synergy of these two climate science crusaders enlivens the gloom and doom of so many climate-themed books—and may even convert die-hard doubters to the side of sound science.

'Merchants of Doubt should finally put to rest the question of whether the science of climate change is settled. It is, and we ignore this message at our peril.'-Elizabeth Kolbert

The U.S. scientific community has long led the world in research on such areas as public health, environmental science, and issues affecting quality of life. These scientists have produced landmark studies on the dangers of

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DDT, tobacco smoke, acid rain, and global warming. But at the same time, a small yet potent subset of this community leads the world in vehement denial of these dangers. Merchants of Doubt tells the story of how a loose-knit group of high-level scientists and scientific advisers, with deep connections in politics and industry, ran effective campaigns to mislead the public and deny well-established scientific knowledge over four decades. Remarkably, the same individuals surface repeatedly-some of the same figures who have claimed that the science of global warming is "not settled" denied the truth of studies linking smoking to lung cancer, coal smoke to acid rain, and CFCs to the ozone hole. "Doubt is our product," wrote one tobacco executive. These "experts" supplied it. Naomi Oreskes and Erik M. Conway, historians of science, roll back the rug on this dark corner of the American scientific community, showing how ideology and corporate interests, aided by a too-compliant media, have skewed public understanding of some of the most pressing issues of our era. "Opioids. Concussions. Obesity. Climate change. America is a country of everyday crises -- big, long-spanning problems that persist, mostly unregulated, despite their toll on the country's health and vitality. And for every case of government inaction on one of these issues, there is a set of familiar, doubtful refrains: The science is unclear. The data is inconclusive.

Online Library Merchants Of Doubt: How A Handful Of Scientists Obscured The Truth On Issues From Tobacco Smoke To Global Warming

Regulation is unjustified. It's a slippery slope. Is it? The Triumph of Doubt traces the ascendance of science-for-hire in American life and government, from its origins in the tobacco industry in the 1950s to its current manifestations across government, public policy, and even professional sports. Well-heeled American corporations have long had a financial stake in undermining scientific consensus and manufacturing uncertainty; in The Triumph of Doubt, former Obama and Clinton official David Michaels details how bad science becomes public policy -- and where it's happening today. Amid fraught conversations of "alternative facts" and "truth decay," The Triumph of Doubt wields its unprecedented access to shine a light on the machinations and scope of manipulated science in American society. It is an urgent, revelatory work, one that promises to reorient conversations around science and the public good for the foreseeable future"--Provided by publisher.

A member of the Inter-governmental Panel on Climate Change examines the fossil-fuel industry's public relations campaign to discredit the science of climate change and deny the reality of global warming.

Air Con

The Century of Revolution

Our Biggest Experiment

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The Madhouse Effect

The Bottom Line Or Public Health

Merchants of Truth

Love in the Anthropocene

1603-1714

This book offers an informed and revealing account of NASA's involvement in the scientific understanding of the Earth's atmosphere. Since the nineteenth century, scientists have attempted to understand the complex processes of the Earth's atmosphere and the weather created within it. This effort has evolved with the development of new technologies -- from the first instrument-equipped weather balloons to multibillion-dollar meteorological satellite and planetary science programs. Erik M. Conway chronicles the history of atmospheric science at NASA, tracing the story from its beginnings in 1958, the International Geophysical Year, through to the present, focusing on NASA's programs and research in meteorology, stratospheric ozone depletion, and planetary climates and global warming. But the story is not only a scientific one. NASA's researchers operated within an often politically contentious environment. Although environmental issues garnered strong public and political support in the 1970s, the following decades saw increased opposition to environmentalism as a threat to free market capitalism. Atmospheric Science at NASA critically examines this politically controversial science, dissecting the often convoluted roles, motives, and relationships of the various institutional actors involved -- among them NASA, congressional appropriation committees, government weather and climate bureaus, and the military. -- Kristine C. Harper

Online Library Merchants Of Doubt: How A Handful Of Scientists Obscured The Truth On Issues From Tobacco Smoke To Global Warming

Why the social character of scientific knowledge makes it trustworthy Are doctors right when they tell us vaccines are safe? Should we take climate experts at their word when they warn us about the perils of global warming? Why should we trust science when so many of our political leaders don't? Naomi Oreskes offers a bold and compelling defense of science, revealing why the social character of scientific knowledge is its greatest strength—and the greatest reason we can trust it. Tracing the history and philosophy of science from the late nineteenth century to today, this timely and provocative book features a new preface by Oreskes and critical responses by climate experts Ottmar Edenhofer and Martin Kowarsch, political scientist Jon Krosnick, philosopher of science Marc Lange, and science historian Susan Lindee, as well as a foreword by political theorist Stephen Macedo.

Documents the troubling influence of a small group of scientists who the author contends misrepresent scientific facts to advance key political and economic agendas, revealing the interests behind their detractions on findings about acid rain, DDT, and other hazards. Schneider's firsthand account of a scientific and political odyssey, in which he navigates both the turbulent waters of the world's power structures and the arcane theater of academic debaters.

To some, the term encompasses innovation, change and commitment to the future and to others it means preservation, conservatism and a watchful eye on the future. City Fights follows on from the symposium "Energy and Urban Strategies", which bro Storms of My Grandchildren

A History

Heads in the Sand

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Dark Money and the Science of Deception

Why We Resist the Truth about Climate Change

The Triumph of Doubt

How Prosperity Evolves

Atmospheric Science at NASA

Traversing science, politics, and technology, Our Biggest Experiment shines a spotlight on the little-known scientists who sounded the alarm to reveal the history behind the defining story of our age: the climate crisis. Our understanding of the Earth's fluctuating environment is an extraordinary story of human perception and scientific endeavor. It also began much earlier than we might think. In Our Biggest Experiment, Alice Bell takes us back to climate change science's earliest steps in the eighteenth and nineteenth centuries, through the point when concern started to rise in the 1950s and right up to today, where the "debate" is over and the world is finally starting to face up to the reality that things are going to get a lot hotter, a lot drier (in some places), and a lot wetter (in others), with catastrophic consequences for most of Earth's biomes. Our Biggest Experiment recounts how the world became addicted to fossil fuels,

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how we discovered that electricity could be a savior, and how renewable energy is far from a twentieth-century discovery. Bell cuts through complicated jargon and jumbles of numbers to show how we're getting to grips with what is now the defining issue of our time. The message she relays is ultimately hopeful; harnessing the ingenuity and intelligence that has driven the history of climate change research can result in a more sustainable and bearable future for humanity.

The originator of the Gaia theory offers the vision of a future epoch in which humans and artificial intelligence together will help the Earth survive. James Lovelock, creator of the Gaia hypothesis and the greatest environmental thinker of our time, has produced an astounding new theory about future of life on Earth. He argues that the Anthropocene—the age in which humans acquired planetary-scale technologies—is, after 300 years, coming to an end. A new age—the Novacene—has already begun. In the Novacene, new beings will emerge from existing artificial intelligence systems. They will think 10,000 times faster than we do and they will regard us as we now regard plants. But this will not be the cruel, violent machine takeover

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of the planet imagined by science fiction. These hyperintelligent beings will be as dependent on the health of the planet as we are. They will need the planetary cooling system of Gaia to defend them from the increasing heat of the sun as much as we do. And Gaia depends on organic life. We will be partners in this project. It is crucial, Lovelock argues, that the intelligence of Earth survives and prospers. He does not think there are intelligent aliens, so we are the only beings capable of understanding the cosmos. Perhaps, he speculates, the Novacene could even be the beginning of a process that will finally lead to intelligence suffusing the entire cosmos. At the age of 100, James Lovelock has produced the most important and compelling work of his life.

Why did American geologists reject the notion of continental drift, first posed in 1915? And why did British scientists view the theory as a pleasing confirmation? This text, based on archival resources, provides answers to these questions.

Mining this unique resource, Richard K. Marshall throws new light on the everyday business life of Renaissance Italy."--BOOK JACKET. The environment, and the movement that grew up to protect it, is

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under attack--concerted and purposeful. Yet the need for solutions to pressing environmental problems grows more urgent each day. Teresa Heinz Kerry and Senator John Kerry describe how these issues unite people across party and ideological lines. From the San Juan Basin to the Gulf of Mexico to the South Bronx, from mothers on Cape Cod to Colorado ranchers, they found a vibrant coalition of people and communities deploying ingenuity, technology, and sheer will power to save the world they know and love. Now, in this passionate and personal book, Senator John Kerry and Teresa Heinz Kerry shine the spotlight on an inspiring crosssection of these new environmental pioneers. The book combines intensive research with keenly observed personal experiences to present a portrait of Americans devoted to the natural diversity and spectacular uniqueness of our country. It also includes an extensive guide on where and how readers can get involved.

The Coming Age of Hyperintelligence

An Epic History of the Climate Crisis

Dispatches from the Front Lines

Tactics Corporations Use to Influence Health and Health Policy, and

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What We Can Do to Counter Them

The Business of News and the Fight for Facts

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The Inside Story of the Battle Against Climate Change Denial

Is the obsession with 'climate change' turning out to be the most costly scientific blunder in history?

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How Climate Change Denial Is Threatening Our Planet, Destroying Our Politics, and Driving Us Crazy

The Epic Struggle to Get Inside Our Heads