

Madhouse Effect Threatening Destroying Politics

Longlisted for the PEN America/E.O. Wilson Prize for Literary Science Writing "Well worth the read. . . . [A] prescient handoff to the next generation of scholars." —The Washington Post From "one of the world's foremost thinkers" (Bill Moyers), a profound, hopeful, and timely call for an emerging new collective consciousness to combat climate change Over his long career as witness to an extreme twentieth century, National Book Award-winning psychiatrist, historian, and public intellectual Robert Jay Lifton has grappled with the profound effects of nuclear war, terrorism, and genocide. Now he shifts to climate change, which, Lifton writes, "presents us with what may be the most demanding and unique psychological task ever required of humankind," what he describes as the task of mobilizing our imaginative resources toward climate sanity. Thanks to the power of corporate-funded climate denialists and the fact that "with its slower, incremental sequence, [climate change] lends itself less to the apocalyptic drama," a large swathe of humanity has numbed themselves to the reality of climate change. Yet Lifton draws a message of hope from the Paris climate meeting of 2015 where representatives of virtually all nations joined in the recognition that we are a single species in deep trouble. Here, Lifton suggests in this lucid and moving book that recalls Rachel Carson and Jonathan Schell, was evidence of how we might call upon the human mind—"our greatest evolutionary asset"—to translate a growing species awareness—or "climate swerve"—into action to sustain our habitat and civilization.

Tantrums are bad--except when they save the world. An environmental picture book about finding your voice, taking collective action, and saving the planet--for kids ages 5 - 9. Sophia's minding her own business when--bing bong!--the doorbell announces an unexpected guest: a polar bear. Despite Sophia's protests, he walks right in, making himself at home. His ice cap is melting--where else is he supposed to go? Soon, more visitors arrive: a dispirited sea turtle and farmers whose lands have gone dry are joined by confused bees, more climate refugees, and a grumpy Bengal tiger. Sophia is frustrated and confused. She doesn't understand why they showed up at her house...or what any of this has to do with her. But as Sophia hears their stories, she learns that this is her fight, too...and discovers the power of collective action, the strength of her own voice, and how all of us are stronger together. They head to City Hall only to wait around for hours before being dismissed, and Sophia just can't hold it in anymore: Sophia's strong feelings smoldered once more, And this time they'd gotten too big to ignore. Raging with purpose, with banners unfurled, She kicked off a tantrum to save the whole world! And she does--and so can you. An inspirational, beautifully illustrated picture book for kids aged 5 to 9, *The Tantrum that Saved the World* is part environmental story, part ode to community action, and part blueprint for building a better world--together, for all of us.

Here is the definitive expose of the distorted science behind the iconic global warming graph centrally responsible for the global panic about climate change.

In *A Theory of Imperialism*, economists Utsa Patnaik and Prabhat Patnaik present a new theory of the origins and mechanics of capitalism that sounds an alarm about its ongoing viability. Their theory centers on trade between the core economies of the global North and the tropical and subtropical countries of the global South and considers how the Northern demand for commodities (such as agricultural products and oil) from the South has perpetuated and solidified an imperialist relationship. The Patnaiks explore the dynamics of this process and discuss innovations that could allow the economies of the South to achieve greater prosperity without damaging the economies of the North. The result is an original theory of imperialism that brings to light the crippling limitations of neoliberal capitalism. *A Theory of Imperialism* also includes a response by David Harvey, who interprets the agrarian system differently and sees other factors affecting trade between the North and the South. Their debate is one of the most provocative exchanges yet over the future of the global economy as resources grow thin, populations explode, and universal prosperity becomes ever more elusive.

Closing of the American Mind

Reflections on Mind, Hope, and Survival

End of History and the Last Man

Stories from the Front Lines of Climate Change

Being the Change

Love in a Time of Climate Change

How Peak Oil and the Climate Crisis Will Change Canada (and Our Lives)

The Ice at the End of the World

Love in a Time of Climate Change challenges readers to develop a loving response to climate change, which disproportionately harms the poor, threatens future generations, and damages God's creation. This book creatively adapts John Wesley's theological method by using scripture, tradition, reason, and experience to explore the themes of creation and justice in the context of the earth's changing climate. By consciously employing these four sources of authority, readers discover a unique way to reflect on planetary warming theologically and to discern a faithful response. The book's premise is that love of God and neighbor in this time of climate change requires us to honor creation and establish justice for our human family, for future generations, and for all creation. From the introduction: "As we entrust our lives to God, we are enabled to join with others in the movement for climate justice and to carry a unified message of healing, love, and solidarity as we live into God's future, offering hope in the midst of the climate crisis that 'another world is possible.' God is ever present, always with us. Love never ends."

Building grit and hope in the face of the climate emergency With catastrophic global warming already baked into the climate system, today's children face a future entirely unlike that of their parents. Yet how can we maintain hope and make a difference in the face of overwhelming evidence of the climate crisis? Help is at hand. Written by Harriet Shugarman - the Climate Mama and trusted advisor to parents - *How to Talk to Your Kids About Climate Change* provides tools and strategies for parents to explain the climate emergency to their children and galvanize positive action. Coverage includes: The unvarnished realities of the climate emergency, where we are at, and how we got here

Strategies for talking to kids of different ages about the climate crisis, including advice from engaged parents on the ground How to maintain our own hope and that of our children A list of practical actions families can take to tackle the climate change crisis Ideas for helping children follow their passions in pursuit of a livable, just, and sustainable world. A lifeline for parents who are feeling overwhelmed with fear and grief, this book provides both hope and practical ways to engage children in pursuit of a better world that is still possible.

How power is wielded in environmental policy making at the state level, and how to redress the ingrained favoritism toward coal and electric utilities. The United States has pledged to the world community a reduction in greenhouse gas emissions by 26-28 percent below 2005 levels in 2025. Because much of this reduction must come from electric utilities, especially coal-fired power plants, coal states will make or break the U.S. commitment to emissions reduction. In *Climate of Capitulation*, Vivian Thomson offers an insider's account of how power is wielded in environmental policy making at the state level. Thomson, a former member of Virginia's State Air Pollution Control Board, identifies a "climate of capitulation" in state government—a deeply rooted favoritism toward coal and electric utilities in states' air pollution policies. Thomson narrates three cases involving coal and air pollution from her time on the Air Board. She illuminates the overt and covert power struggles surrounding air pollution limits for a coal-fired power plant just across the Potomac from Washington, for a controversial new coal-fired electrical generation plant in coal country, and for coal dust pollution from truck traffic in a country hollow. Thomson links Virginia's climate of capitulation with campaign donations that make legislators politically indebted to coal and electric utility interests, a traditionalistic political culture tending to inertia, and a part-time legislature that depended on outside groups for information and bill drafting. Extending her analysis to fifteen other coal-dependent states, Thomson offers policy reforms aimed at mitigating the ingrained biases toward coal and electric utilities in states' air pollution policy making.

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Overcoming Myths that Hinder Progress

Getting MAD: Nuclear Mutual Assured Destruction, Its Origins and Practice

An Epic Journey into Greenland's Buried Past and Our Perilous Future

Climategate and the Corruption of Science

The 2084 Report

Physics and Technology for Future Presidents

How to Talk to Your Kids About Climate Change

The Rise of Climate Science

Looks at the efforts being made to refute the findings of environmental scientists on the subject of global warming, exploring the public relations techniques, the creation of questionable think tanks, and the mounting private funding being used by pollsters and public commentators to deny the negative effects of climate change.

"Jamie Margolin is among the powerful and inspiring youth activists leading a movement to demand urgent action on the climate crisis. With determined purpose and moral clarity, Jamie is pushing political leaders to develop ambitious plans to confront this existential threat to humanity. Youth To Power is an essential how-to for anyone of any age who feels called to act to protect our planet for future generations." --- Former Vice President Al Gore Climate change activist and Zero Hour founder Jamie Margolin offers the essential guide to changemaking for young people. The 1963 Children's March. The 2016 Dakota Access Pipeline protests. March for Our Lives, and School Strike for Climate. What do all these social justice movements have in common? They were led by passionate, informed, engaged young people. Jamie Margolin has been organizing and protesting since she was fourteen years old. Now the co-leader of a global climate action movement, she knows better than most how powerful a young person can be. You don't have to be able to vote or hold positions of power to change the world. In Youth to Power, Jamie presents the essential guide to changemaking, with advice on writing and pitching op-eds, organizing successful events and peaceful protests, time management as a student activist, utilizing social and traditional media to spread a message, and sustaining long-term action. She features interviews with prominent young activists including Tokata Iron Eyes of the #NoDAPL movement and Nupol Kiazolu of the #BlackLivesMatter movement, who give guidance on handling backlash, keeping your mental health a priority, and how to avoid getting taken advantage of. Jamie walks readers through every step of what effective, healthy, intersectional activism looks like. Young people have a lot to say, and Youth to Power will give you the tools to raise your voice.

Sometimes solving climate change seems impossibly complex, and it is hard to know what changes we all can and should make to help. This book offers hope. Drawing on the latest research, Mark Jaccard shows us how to recognize the absolutely essential actions (decarbonizing electricity and transport) and policies (regulations that phase out coal plants and gasoline vehicles, carbon tariffs). Rather than feeling paralyzed and pursuing ineffective efforts, we can all make a few key changes in our lifestyles to reduce emissions, to contribute to the urgently needed affordable energy transition in developed and developing countries. More importantly, Jaccard shows how to distinguish climate-sincere from insincere politicians and increase the chance of electing and sustaining these leaders in power. In combining the personal and the political, The Citizen's Guide to Climate Success offers a clear and simple strategic path to solving the greatest problem of our times. A PDF version of this title is also available as Open Access on Cambridge Core at doi.org/10.1017/9781108783453.

The pace of energy use, greenhouse gas emissions, and population growth has thrust the planet into a new age—the Anthropocene. Humans have altered the planet's biogeochemical systems without consciously managing them. The Great Acceleration explains the causes, consequences, and uncertainties of this massive uncontrolled experiment.

Dire Predictions

The Political Economy of Convict Labor in the New South

An Introduction to the Essential Physics Every World Leader Needs to Know

Dispatches from the Front Lines

Honoring Creation, Establishing Justice

A Memoir

Talking Substance in an Age of Style

A Theory of Imperialism

"It is worse, much worse, than you think. If your anxiety about global warming is dominated by fears of sea-level rise, you are barely scratching the surface of what terrors are possible. In California, wildfires now rage year-round, destroying thousands of homes. Across the US, "500-year" storms pummel communities month after month, and floods displace tens of millions annually. This is only a preview of the changes to come. And they are coming fast. Without a revolution in how billions of humans conduct their lives, parts of the Earth could become close to uninhabitable, and other parts horrifically inhospitable, as soon as the end of this century. In his travelogue of our near future, David Wallace-Wells brings into stark relief the climate troubles that await -- food shortages, refugee emergencies, and other crises that will reshape the globe. But the world will be remade by warming in more profound ways as well, transforming our politics, our culture, our relationship to technology, and our sense of history. It will be all-encompassing, shaping and distorting nearly every aspect of human life as it is lived today. Like An Inconvenient Truth and Silent Spring before it, The Uninhabitable Earth is both a meditation on the devastation we have brought upon ourselves and an impassioned call to action. For just as the world was brought to the brink of catastrophe within the span of a lifetime, the responsibility to avoid it now belongs to a single generation"--

Renewable energy in the twenty-first century -- Energy transitions : fire to electricity -- The rise of renewables -- Renewable wind energy -- Renewable solar energy -- Financing renewable energy -- Energy transitions : oats to oil -- The rise of electric vehicles -- Parity -- Convergence -- Consequences -- No time to lose

"The Imagination of the New Left" brings to life the social movements and events of the 1960s that made it a period of world-historical importance: the Prague Spring; the student movements in Mexico, Japan, Sri Lanka, Italy, Yugoslavia, and Spain; the Test Offensive in Vietnam and guerilla movements in Latin America; the Democratic Convention in Chicago; the assassination of Martin Luther King; the near-revolution in France of May 1968; and the May 1970 student strike in the United States. Despite its apparent failure, the New Left represented a global transition to a newly defined cultural and political epoch, and its impact continues to be felt today.

Thirty years ago Bill McKibben offered one of the earliest warnings about climate change. Now he broadens the warning: the entire human game, he suggests, has begun to play itself out. Bill McKibben's groundbreaking book The End of Nature -- issued in dozens of languages and long regarded as a classic -- was the first book to alert us to global warming. But the danger is broader than that: even as climate change shrinks the space where our civilization can exist, new technologies like artificial intelligence and robotics threaten to bleach away the variety of human experience. Falter tells the story of these converging trends and of the ideological fervor that keeps us from bringing them under control. And then, drawing on McKibben's experience in building 350.org, the first truly global citizens movement to combat climate change, it offers some possible ways out of the trap. We're at a bleak moment in human history -- and we'll either confront that bleakness or watch the civilization our forebears built slip away. Falter is a powerful and sobering call to arms, to save not only our planet but also our humanity.

The Great Acceleration

The Madhouse Effect

Unsettled

An Insider's Account of State Power in a Coal Nation

Your Voice and How to Use It

The Crusade to Deny Global Warming

Youth to Power

Love as Ecological-economic Vocation

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 change for most of their careers. They have witnessed the manipulation of the media by business and political interests and the unconscionable play to partisanship on issues affecting 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 cartoon 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 bring 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 climate-themed books—and may even convert die-hard doubters to the side of sound science.

The brilliant, controversial, bestselling critique of American culture that "hits with the approximate force and effect of electroshock therapy" (The New York Times)—now with a new afterword by Andrew Ferguson in a twenty-fifth anniversary edition. In 1987, eminent political philosopher Allan Bloom published The Closing of the American Mind, a scathing appraisal of contemporary America that "hits with the approximate force and effect of electroshock therapy" (The New York Times) and has not only been vindicated, but has become more urgent today. In clear, spirited prose, Bloom argues that the social and political crises of contemporary America are part of a larger intellectual crisis: the dangerous narrowing of curiosity and exploration by the university elites. Now, in this twenty-fifth anniversary edition, acclaimed author and journalist Andrew Ferguson offers a new essay that describes why Bloom's argument caused such a furor at publication and why our culture so deeply resists its truths today.

An eye-opening argument for a new approach to Iran, from two of America's most informed and influential Middle East experts Less than a decade after Washington's fraudulent case for invading Iraq, similarly misinformed and politically motivated claims are pushing America toward war with Iran. Today the stakes are even higher: success could break the back of America's strained superpower status. Challenging the daily clamor of U.S. saber rattling, Flynt and Hillary Mann Leverett argue that America's

renounce thirty years of failed strategy and engage with Iran—just as Nixon revolutionized U.S. foreign policy by going to Beijing and realigning relations with China. For in both the Bush and Clinton administrations, the Leveretts offer a uniquely informed account of Iran as it actually is today, not as many have caricatured it or wished to show that Iran's political order is not on the verge of collapse, that most Iranians still support the Islamic Republic, and that Iran's regional influence makes it critical to the Middle East. Drawing on years of research and access to high-level officials, *Going to Tehran* explains how Iran sees the world and why its approach to foreign policy is the irrational behavior of a rogue nation. A bold call for new thinking, the Leveretts' indispensable work makes it clear that America must "go to Tehran" if it is to avert strategic catastrophe.

Shortlisted for the FT/McKinsey Business Book of the Year award A renowned climate scientist shows how fossil fuel companies have waged a thirty-year campaign to avoid responsibility and delay action on climate change, and offers a battle plan for how we can save the planet. Recycle. Fly less. Eat less meat. These are some of the things we've been told can slow climate change. But the inordinate emphasis on individual behavior is the result of a marketing campaign that has succeeded in placing the responsibility for climate change squarely on the shoulders of individuals. Fossil fuel companies have followed the example of other industries deflecting blame (think "guns don't kill people, people do") or greenwashing (think of the beverage industry's "Crying Indian" commercials of the 1970s). Meanwhile, they've blocked efforts to regulate or price carbon emissions, run PR campaigns aimed at discrediting viable alternatives, and have abdicated their responsibility in fixing the problem they've created. The result has been disastrous for the planet. In *The New Climate War*, Mann argues that all is not lost. He draws the battle lines between the people and the polluters-fossil fuel companies, right-wing plutocrats, and climate change deniers. He outlines a plan for forcing our governments and corporations to wake up and make real change, including: A common-sense, attainable approach to carbon pricing; the well-intentioned but flawed currently proposed version of the Green New Deal; Allowing renewable energy to compete fairly against fossil fuels Debunking the false arguments that have worked their way into the climate debate and driven a wedge between even those who support climate change solutions Combatting climate denial and disinformation mongering With immensely powerful vested interests aligned in defense of the fossil fuel status quo, the societal tipping point won't happen without the active participation of citizens everywhere aiding in the collective push forward. This book will reach, inform, and enable citizens everywhere to join this battle for our planet.

The New Climate War

Turning Angst into Action

Climate Change Denial

Why the United States Must Come to Terms with the Islamic Republic of Iran

Resisting Structural Evil

Live Well and Spark a Climate Revolution

Smaller Faster Lighter Denser Cheaper

An all-encompassing guide to skeptical thinking from podcast host and academic neurologist at Yale University School of Medicine Steven Novella and his SGU co-hosts, which Richard Wiseman calls "the perfect primer for anyone who wants to separate fact from fiction." It is intimidating to realize that we live in a world overflowing with misinformation, bias, myths, deception, and flawed knowledge. There really are no ultimate authority figures-no one has the secret, and there is no place to look up the definitive answers to our questions (not even Google). Luckily, *The Skeptic's Guide to the Universe* is your map through this maze of modern life. Here Dr. Steven Novella-along with Bob Novella, Cara Santa Maria, Jay Novella, and Evan Bernstein-will explain the tenets of skeptical thinking and debunk some of the biggest scientific myths, fallacies, and conspiracy theories-from anti-vaccines to homeopathy, UFO sightings to N-rays. You'll learn the difference between science and pseudoscience, essential critical thinking skills, ways to discuss conspiracy theories with that crazy co-worker of yours, and how to combat sloppy reasoning, bad arguments, and superstitious thinking. So are you ready to join them on an epic scientific quest, one that has taken us from huddling in dark caves to setting foot on the moon? (Yes, we really did that.) DON'T PANIC! With *The Skeptic's Guide to the Universe*, we can do this together. "Thorough, informative, and enlightening, *The Skeptic's Guide to the Universe* inoculates you against the frailties and shortcomings of human cognition. If this book does not become required reading for us all, we may well see modern civilization unravel before our eyes." -- Neil deGrasse Tyson "In this age of real and fake information, your ability to reason, to think in scientifically skeptical fashion, is the most important skill you can have. Read *The Skeptic's Guide to the Universe*; get better at reasoning. And if this claim about the importance of reason is wrong, *The Skeptic's Guide* will help you figure that out, too." -- Bill Nye

The Madhouse EffectHow Climate Change Denial Is Threatening Our Planet, Destroying Our Politics, and Driving Us CrazyColumbia University Press

Periodic reports from the Intergovernmental Panel on Climate Change (IPCC) evaluate the risk of climate change brought on by humans. But the sheer volume of scientific data remains inscrutable to the general public, particularly to those who may still question the validity of climate change. In just over 200 pages, this practical text presents and expands upon the essential findings of the IPCC's 5th Assessment Report in a visually stunning and undeniably powerful way to the lay reader. Scientific findings that provide validity to the implications of climate change are presented in clear-cut graphic elements, striking images, and understandable analogies.

A riveting, urgent account of the explorers and scientists racing to understand the rapidly melting ice sheet in Greenland, a dramatic harbinger of climate change "Jon Gertner takes readers to spots few journalists or even explorers have visited. The result is a gripping and important book."—Elizabeth Kolbert, Pulitzer Prize-winning author of *The Sixth Extinction* NAMED ONE OF THE BEST BOOKS OF THE YEAR BY The Washington Post □ The Christian Science Monitor □ Library Journal Greenland: a remote, mysterious island five times the size

Where To Download Madhouse Effect Threatening Destroying Politics

of California but with a population of just 56,000. The ice sheet that covers it is 700 miles wide and 1,500 miles long, and is composed of nearly three quadrillion tons of ice. For the last 150 years, explorers and scientists have sought to understand Greenland—at first hoping that it would serve as a gateway to the North Pole, and later coming to realize that it contained essential information about our climate. Locked within this vast and frozen white desert are some of the most profound secrets about our planet and its future. Greenland's ice doesn't just tell us where we've been. More urgently, it tells us where we're headed. In *The Ice at the End of the World*, Jon Gertner explains how Greenland has evolved from one of earth's last frontiers to its largest scientific laboratory. The history of Greenland's ice begins with the explorers who arrived here at the turn of the twentieth century—first on foot, then on skis, then on crude, motorized sleds—and embarked on grueling expeditions that took as long as a year and often ended in frostbitten tragedy. Their original goal was simple: to conquer Greenland's seemingly infinite interior. Yet their efforts eventually gave way to scientists who built lonely encampments out on the ice and began drilling—one mile, two miles down. Their aim was to pull up ice cores that could reveal the deepest mysteries of earth's past, going back hundreds of thousands of years. Today, scientists from all over the world are deploying every technological tool available to uncover the secrets of this frozen island before it's too late. As Greenland's ice melts and runs off into the sea, it not only threatens to affect hundreds of millions of people who live in coastal areas. It will also have drastic effects on ocean currents, weather systems, economies, and migration patterns. Gertner chronicles the unfathomable hardships, amazing discoveries, and scientific achievements of the Arctic's explorers and researchers with a transporting, deeply intelligent style—and a keen sense of what this work means for the rest of us. The melting ice sheet in Greenland is, in a way, an analog for time. It contains the past. It reflects the present. It can also tell us how much time we might have left.

Going to Tehran

What Climate Science Tells Us, What It Doesn't, and Why It Matters

Enquiry Concerning Political Justice, and Its Influence on Morals and Happiness

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

A Primer for the Twenty-first Century

The Hockey Stick Illusion

The Universe as It Really Is

Heads in the Sand

What difference would it make for Old Testament theology if we turned our attention from the more dramatic, forceful "mighty acts of God" to the more subdued, but more realistic themes of later writings in the Hebrew Bible? The result, Mark McEntire argues, would be a more mature theology that would enable us to respond more realistically and creatively to the unprecedented challenges of the present age.

A lively, thought-provoking overview of climate change from the perspectives of people who are dealing with it on the ground. Climate change has become one of the most polarizing issues of our time. Extremists on the left regularly issue hyperbolic jeremiads about the impending destruction of the environment, while extremists on the right counter with crass, tortured denials. But out in the vast middle are ordinary people dealing with stronger storms and more intense droughts than they've ever known. This middle ground is the focus of *Betting the Farm on a Drought*, a lively, thought-provoking book that lays out the whole story of climate change—the science, the math, and most importantly, the human stories of people fighting both the climate and their own deeply held beliefs to find creative solutions to a host of environmental challenges. Seamus McGraw takes us on a trip along America's culturally fractured back roads and listens to farmers and ranchers and fishermen, many of them people who are not ideologically, politically, or in some cases even religiously inclined to believe in man-made global climate change. He shows us how they are already being affected and the risks they are already taking on a personal level to deal with extreme weather and its very real consequences for their livelihoods. McGraw also speaks to scientists and policymakers who are trying to harness that most renewable of American resources, a sense of hope and self-reliance that remains strong in the face of daunting challenges. By bringing these voices together, *Betting the Farm on a Drought* ultimately becomes a model for how we all might have a pragmatic, reasoned conversation about our changing climate. "This title deserves a wide and varied readership; it has the power to change minds." —Booklist "Seamus McGraw has created not just an important document regarding climate change and the future of our planet but a wonderful and truthful portrait of America. You feel like you're on the road with him, cruising down little-traveled streets to meet fascinating characters whom you'd never see on Fox News or CNN. A terrific book." —A. J. Baime, author of *White Lies: The Double Life of Walter F. White and America's Darkest Secret* "Effectively blending story, science, and context, this engaging, readable book will be invaluable for those studying or working on issues associated with climate change, especially those with a social science or policy focus." —Choice

The Climate Majority is the first book to investigate climate apathy, to describe how it prevents action to stop climate change and to show how it can be beaten with an approach developed for political campaigns. Leo Barasi argues that dangerous climate change will only be prevented if the majority of people—including those who aren't environmentalists—are persuaded of the need to limit emissions. He applies his policy and campaign experience to show that politicizing climate change makes it more difficult to build consensus, particularly among people who are currently apathetic. This is one of few books to focus on public opinion and climate change and it attempts to reveal what people really think by drawing examples and evidence of from the United States, the UK, Australia, and Canada. In a time of growing nationalism in many developed countries—and right-wing negativity towards the need for meaningful action—*The Climate Majority* offers a new way of understanding what can be done within the system, rather than despite it. In an era of political setbacks for sustainability, we need new hope and new tools. Anyone who cares about climate change can draw on the lessons in this book to help build a climate majority. Leo Barasi is a freelance consultant on climate change policy and campaigns. He works with charities, political candidates, and private companies to help them understand and change public opinion. He writes regularly for the *New Statesman*, *openDemocracy*, and *Climate Home*.

The universe that science reveals to us can seem far outside the comfort zone of the human mind. Subjects near and far open up dizzying vistas, from the infinitesimal to the colossal. Humanity, the unlikely product of uncountable coincidences on unimaginable scales, inhabits a tumultuous universe that extends from our immediate environs to the most distant galaxies and beyond. But when the mind balks at the vertiginous complexity of the universe, science unveils the elegance amid the chaos. In this book, Thomas R. Scott ventures into the known and the

unknown to explain our universe and the laws that govern it. **The Universe as It Really Is** begins with physics and the building blocks of the universe—time, gravity, light, and elementary particles—and chemistry’s ability to explain the interactions among them. Scott, with the assistance of James Lawrence Powell, next tours the earth and atmospheric sciences to explain the forces that shape our planet and then takes off for the stars to describe our place in the cosmos. He provides vivid introductions to our collective scientific inheritance, narrating discoveries such as the shape of the atom and the nature of the nucleus or how we use GPS to measure time and what that has to do with relativity. A clear demonstration of the power of scientific reasoning to bring the incomprehensible within our grasp, **The Universe as It Really Is** gives an engrossing account of just how much we do understand about the world around us.

The Fight to Take Back Our Planet

Climate Wars

The Climate Majority

The Skeptics' Guide to the Universe

Don't Be Such a Scientist, Second Edition

Betting the Farm on a Drought

Climate Cover-Up

Renewable Energy

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.

For fans of *The Drowned World* and *World War Z*, this “sobering and scary (and fascinating) novel—a look at where we’re going if we don’t quickly get our act together” (Bill McKibben, *New York Times* bestselling author) regarding climate change—unveils our potential terrifying future. *2084: Global warming has proven worse than even the most dire predictions scientists had made at the turn of the century. No country—and no one—has remained unscathed. Through interviews with scientists, political leaders, and citizens around the globe, this riveting fictional oral history describes in graphic detail the irreversible effects the Great Warming has had on humankind and the planet. In short chapters about topics like sea level rise, drought, migration, war, and more, The 2084 Report brings global warming to life, revealing a new reality in which Rotterdam doesn’t exist, Phoenix has no electricity, and Canada is part of the United States. From wars over limited resources to the en masse migrations of entire countries and the rising suicide rate, the characters describe other issues they are confronting in the world they share with the next two generations. “If the existential threat of climate change keeps you up at night, James Lawrence Powell’s *The 2084 Report* will make you want to do everything in your power to elect leaders who will combat global warming and save our planet” (Marie Claire).*

Physics for future world leaders *Physics and Technology for Future Presidents* contains the essential physics that students need in order to understand today's core science and technology issues, and to become the next generation of world leaders. From the physics of energy to climate change, and from spy technology to quantum computers, this is the only textbook to focus on the modern physics affecting the decisions of political leaders and CEOs and, consequently, the lives of every citizen. How practical are alternative energy sources? Can satellites really read license plates from space? What is the quantum physics behind iPods and supermarket scanners? And how much should we fear a terrorist nuke? This lively book empowers students possessing any level of scientific background with the tools they need to make informed decisions and to argue their views persuasively with anyone—expert or otherwise. Based on Richard Muller's renowned course at Berkeley, the book explores critical physics topics: energy and power, atoms and heat, gravity and space, nuclei and radioactivity, chain reactions and atomic bombs, electricity and magnetism, waves, light, invisible light, climate change, quantum physics, and relativity. Muller engages readers through many intriguing examples, helpful facts to remember, a fun-to-read text, and an emphasis on real-world problems rather than mathematical computation. He includes chapter summaries, essay and discussion questions, Internet research topics, and handy tips for instructors to make the classroom experience more rewarding. Accessible and entertaining, *Physics and Technology for Future Presidents* gives students the scientific fluency they need to become well-rounded leaders in a world driven by science and technology. Leading universities that have adopted this book include: Harvard Purdue Rice University University of Chicago Sarah Lawrence College Notre Dame Wellesley Wesleyan University of Colorado Northwestern Washington University in St. Louis University of Illinois - Urbana-Champaign Fordham University of Miami George Washington University Some images inside the book are unavailable due to digital copyright restrictions.

From one of the world’s great geopolitical analysts, a terrifying glimpse of the none-too-distant future, when climate change will force the world’s powers into a desperate struggle for advantage and even survival. Dwindling resources. Massive population shifts. Natural disasters. Spreading epidemics. Drought. Rising sea levels. Plummeting agricultural yields. Crashing economies. Political extremism. These are some of the expected consequences of runaway climate change in the decades ahead, and any of them could tip the world towards conflict.

Prescient, unflinching, and based on exhaustive research and interviews, *Climate Wars* promises to be one of the most important books of the coming years.

A Novel of the Great Warming

The Hockey Stick and the Climate Wars

The Tantrum That Saved the World

How Innovation Keeps Proving the Catastrophists Wrong

Has the Human Game Begun to Play Itself Out?

The Uninhabitable Earth

How to Know What's Really Real in a World Increasingly Full of Fake

The Citizen's Guide to Climate Success

"Unsettled is a remarkable book—probably the best book on climate change for the intelligent layperson—that achieves the feat of conveying complex information clearly and in depth." —Claremont Review of Books "Surging sea levels are inundating the coasts." "Hurricanes and tornadoes are becoming fiercer and more frequent." "Climate change will be an economic disaster." You've heard all this presented as fact. But according to science, all of these statements are profoundly misleading. When it comes to climate change, the media, politicians, and other prominent voices have declared that "the science is settled." In reality, the long game of telephone from research to reports to the popular media is corrupted by misunderstanding and misinformation. Core questions—about the way the climate is responding to our influence, and what the impacts will be—remain largely unanswered. The climate is changing, but the why and how aren't as clear as you've probably been led to believe. Now, one of America's most distinguished scientists is clearing away the fog to explain what science really says (and doesn't say) about our changing climate. In *Unsettled: What Climate Science Tells Us, What It Doesn't, and Why It Matters*, Steven Koonin draws upon his decades of experience—including as a top science advisor to the Obama administration—to provide up-to-date insights and expert perspective free from political agendas. Fascinating, clear-headed, and full of surprises, this book gives readers the tools to both understand the climate issue and be savvier consumers of science media in general. Koonin takes readers behind the headlines to the more nuanced science itself, showing us where it comes from and guiding us through the implications of the evidence. He dispels popular myths and unveils little-known truths: despite a dramatic rise in greenhouse gas emissions, global temperatures actually decreased from 1940 to 1970. What's more, the models we use to predict the future aren't able to accurately describe the climate of the past, suggesting they are deeply flawed. Koonin also tackles society's response to a changing climate, using data-driven analysis to explain why many proposed "solutions" would be ineffective, and discussing how alternatives like adaptation and, if necessary, geoengineering will ensure humanity continues to prosper. *Unsettled* is a reality check buoyed by hope, offering the truth about climate science that you aren't getting elsewhere—what we know, what we don't, and what it all means for our future.

In the face of today's environmental and economic challenges, doomsayers preach that the only way to stave off disaster is for humans to reverse course: to de-industrialize, re-localize, ban the use of modern energy sources, and forswear prosperity. But in this provocative and optimistic rebuke to the catastrophists, Robert Bryce shows how innovation and the inexorable human desire to make things Smaller Faster Lighter Denser Cheaper is providing consumers with Cheaper and more abundant energy, Faster computing, Lighter vehicles, and myriad other goods. That same desire is fostering unprecedented prosperity, greater liberty, and yes, better environmental protection. Utilizing on-the-ground reporting from Ottawa to Panama City and Pittsburgh to Bakersfield, Bryce shows how we have, for centuries, been pushing for Smaller Faster solutions to our problems. From the vacuum tube, mass-produced fertilizer, and the printing press to mobile phones, nanotech, and advanced drill rigs, Bryce demonstrates how cutting-edge companies and breakthrough technologies have created a world in which people are living longer, freer, healthier, lives than at any time in human history. The push toward Smaller Faster Lighter Denser Cheaper is happening across multiple sectors. Bryce profiles innovative individuals and companies, from long-established ones like Ford and Intel to upstarts like Aquion Energy and Khan Academy. And he zeroes in on the energy industry, proving that the future belongs to the high power density sources that can provide the enormous quantities of energy the world demands. The tools we need to save the planet aren't to be found in the technologies or lifestyles of the past. Nor must we sacrifice prosperity and human progress to ensure our survival. The catastrophists have been wrong since the days of Thomas Malthus. This is the time to embrace the innovators and businesses all over the world who are making things Smaller Faster Lighter Denser Cheaper.

Twice the Work of Free Labor is both a study of penal labor in the southern United States, and a revisionist analysis of the political economy of the South after the Civil War.

In a career spanning four decades, Gerald R. North contributed groundbreaking research that continues to shape the modern field of climate science. However, the route he has taken was full of surprising twists and turns that included hate mail, eavesdropping by the KGB, and sometimes acrimonious debate with climate-change deniers. North's significant contributions to the field include his innovative "toy model" analysis of climate change based on ingeniously simplified models and his lead proposal for and successful approval of the Tropical Rainfall Measuring Mission (TRMM) satellite. Launched in 1997, the TRMM's purpose was to collect data on the global climate system. The TRMM operated successfully for 17 years before it was deactivated in 2015. In *The Rise of Climate Science*, North recounts in detail his life in the vanguard of modern climate science. He offers an insider look at the academic research and government initiatives around global warming and what that means for the planet. He includes stories of conversations with top Soviet climate scientists at the height of the Cold War in the late 1970s—complete with clandestine electronic surveillance. He also describes the experience of testifying before Congress and engaging in public exchanges with those who doubted the reality of the phenomenon his research field described. Climatology today has advanced into a mature phase. This book is an important contribution to understanding its development in the twentieth century

and adds a distinctly human face and sensibility to the ongoing societal conversation around climate change and its implications for our future.

The Climate Swerve

A Global Analysis of 1968

Understanding Global Warming

Twice the Work of Free Labor

Climate of Capitulation

Life After Warming

Earth, Space, Matter, and Time

Falter

Life on 1/10th the fossil fuels turns out to be awesome. We all want to be happy. Yet as we consume ever more in a frantic bid for happiness, global warming worsens. Alarmed by drastic changes now occurring in the Earth's climate systems, the author, a climate scientist and suburban father of two, embarked on a journey to change his life and the world. He began by bicycling, growing food, meditating, and making other simple, fulfilling changes. Ultimately, he slashed his climate impact to under a tenth of the US average and became happier in the process. Being the Change explores the connections between our individual daily actions and our collective predicament. It merges science, spirituality, and practical action to develop a satisfying and appropriate response to global warming. Part one exposes our interconnected predicament: overpopulation, global warming, industrial agriculture, growth-addicted economics, a sold-out political system, and a mindset of separation from nature. It also includes a readable but authoritative overview of climate science. Part two offers a response at once obvious and unprecedented: mindfully opting out of this broken system and aligning our daily lives with the biosphere. The core message is deeply optimistic: living without fossil fuels is not only possible, it can be better. Peter Kalmus is an atmospheric scientist at Caltech / Jet Propulsion Laboratory with a Ph.D. in physics from Columbia University. He lives in suburban Altadena, California with his wife and two children on 1/10th the fossil fuels of the average American. Peter speaks purely on his own behalf, not on behalf of NASA or Jet Propulsion Laboratory.

Ever since its first publication in 1992, The End of History and the Last Man has provoked controversy and debate. Francis Fukuyama's prescient analysis of religious fundamentalism, politics, scientific progress, ethical codes, and war is as essential for a world fighting fundamentalist terrorists as it was for the end of the Cold War. Now updated with a new afterword, The End of History and the Last Man is a modern classic.

In Don't Be Such a Scientist, Randy Olson recounts the lessons from his own hilarious--and at times humiliating--evolution from science professor to Hollywood filmmaker, sharing the secrets of talking substance in an age of style. The key, he argued, is to stay true to the facts while tapping into something more primordial, more irrational--and ultimately more human. Now, in this second edition of his provocative and groundbreaking book, Olson builds upon the lessons and storytelling of Don't Be Such a Scientist, providing an epilogue to each chapter for the current times, and adding a fresh introduction and new chapter on the importance of listening for science communicators (and beyond). Don't Be Such a Scientist, Second Edition is a cutting and irreverent manual to speaking out and making your voice heard in an age of attacks on science. Invaluable for anyone looking to break out of the boxes of academia or research, Olson's writing will inspire readers to "make science human"--and to enjoy the ride along the way.

The Imagination of the New Left