

The Future Six Drivers Of Global Change Al Gore

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Our Choice - Al Gore 2009

An Inconvenient Truth explained the challenges of climate change. Now, Al Gore proposes the solutions. This YA edition of Al Gore's book has been specially edited for readers of around 11 plus - the young people who will, in fact, be dealing with global warming throughout their lives. Sections aimed specifically at adults have been omitted, in favour of clear text, appropriate photographs and easily understandable graphs.

The Future of the Global Economy Towards a Long Boom? - OECD
1999-12-20

This book reviews the forces driving economic and social change in today's world. It assesses the likelihood of a long boom materialising in the first decades of the 21st century and explores the strategic policies essential for making it happen.

The Future - Al Gore 2013

The consequential age we are living in will be remembered as one of the great turning points in civilization. Once we turn, though, where will we be? That is the compelling question Al Gore sets out to answer by examining the drivers of global change, connecting the dots among the social, economic, and political forces shaping our present and future. A rising global consciousness is forcing people around the world, but especially Americans, to rethink their basic assumptions about how the world works, and, even more fundamentally, how it should and can work. Borders matter less than ever. Technology is constantly reordering the way we live, think, work, learn, love, pray, and play."

An Inconvenient Sequel: Truth to Power - Al Gore 2017-07-25

A New York Times bestseller! The follow up to the #1 New York Times bestselling *An Inconvenient Truth* and companion to Vice President Al Gore's new documentary, *An Inconvenient Sequel: Truth to Power*, this new book is a daring call to action. It exposes the reality of how humankind has aided in the destruction of our planet and delivers hope through groundbreaking information on what you can do now. Vice President Gore, one of our environmental heroes and a leading expert in climate change, brings together cutting-edge research from top scientists around the world; approximately 200 photographs and illustrations to visually articulate the subject matter; and personal anecdotes and observations to document the fast pace and wide scope of global warming. He presents, with alarming clarity and conclusiveness (and with humor, too) that the fact of global climate change is not in question and that its consequences for the world we live in will be assuredly disastrous if left unchecked. Follow Vice President Gore around the globe as he tells a story of change in the making. He connects the dots of Zika, flooding, and other natural disasters we've lived through in the last 10+ years—and much more. The book also offers a comprehensive how-to guide on exactly how we can change the course of fate. With concrete, actionable advice on topics ranging from how to run for office to how to talk to your children about climate change, *An Inconvenient Sequel* will empower you to make a difference—and lets you know how exactly to do it. Where Gore's first documentary and book took us through the technical aspects of climate change, the second documentary is a gripping, narrative journey that leaves you filled with hope and the urge to take action immediately. This book captures that same essence and is a must-have for everyone who cares deeply about our planet.

Global Environment Outlook - GEO-6: Healthy Planet, Healthy People - UN Environment 2019-06-06

Published to coincide with the Fourth United Nations Environmental Assembly, UN Environment's sixth Global Environment Outlook calls on decision makers to take bold and urgent action to address pressing environmental issues in order to protect the planet and human health. By bringing together hundreds of scientists, peer reviewers and collaborating institutions and partners, the GEO reports build on sound scientific knowledge to provide governments, local authorities, businesses and individual citizens with the information needed to guide societies to a truly sustainable world by 2050. GEO-6 outlines the current state of the

environment, illustrates possible future environmental trends and analyses the effectiveness of policies. This flagship report shows how governments can put us on the path to a truly sustainable future - emphasising that urgent and inclusive action is needed to achieve a healthy planet with healthy people. This title is also available as Open Access on Cambridge Core.

SUMMARY - Edition Shortcut (author) 1901

Drawdown - Paul Hawken 2017-04-18

• New York Times bestseller • The 100 most substantive solutions to reverse global warming, based on meticulous research by leading scientists and policymakers around the world "At this point in time, the *Drawdown* book is exactly what is needed; a credible, conservative solution-by-solution narrative that we can do it. Reading it is an effective inoculation against the widespread perception of doom that humanity cannot and will not solve the climate crisis. Reported by-effects include increased determination and a sense of grounded hope." —Per Espen Stoknes, Author, *What We Think About When We Try Not To Think About Global Warming* "There's been no real way for ordinary people to get an understanding of what they can do and what impact it can have. There remains no single, comprehensive, reliable compendium of carbon-reduction solutions across sectors. At least until now. . . . The public is hungry for this kind of practical wisdom." —David Roberts, *Vox* "This is the ideal environmental sciences textbook—only it is too interesting and inspiring to be called a textbook." —Peter Kareiva, Director of the Institute of the Environment and Sustainability, UCLA In the face of widespread fear and apathy, an international coalition of researchers, professionals, and scientists have come together to offer a set of realistic and bold solutions to climate change. One hundred techniques and practices are described here—some are well known; some you may have never heard of. They range from clean energy to educating girls in lower-income countries to land use practices that pull carbon out of the air. The solutions exist, are economically viable, and communities throughout the world are currently enacting them with skill and determination. If deployed collectively on a global scale over the next thirty years, they represent a credible path forward, not just to slow the earth's warming but to reach drawdown, that point in time when greenhouse gases in the atmosphere peak and begin to decline. These measures promise cascading benefits to human health, security, prosperity, and well-being—giving us every reason to see this planetary crisis as an opportunity to create a just and livable world.

The Fourth Industrial Revolution - Klaus Schwab 2017-01-03

World-renowned economist Klaus Schwab, Founder and Executive Chairman of the World Economic Forum, explains that we have an opportunity to shape the fourth industrial revolution, which will fundamentally alter how we live and work. Schwab argues that this revolution is different in scale, scope and complexity from any that have come before. Characterized by a range of new technologies that are fusing the physical, digital and biological worlds, the developments are affecting all disciplines, economies, industries and governments, and even challenging ideas about what it means to be human. Artificial intelligence is already all around us, from supercomputers, drones and virtual assistants to 3D printing, DNA sequencing, smart thermostats, wearable sensors and microchips smaller than a grain of sand. But this is just the beginning: nanomaterials 200 times stronger than steel and a million times thinner than a strand of hair and the first transplant of a 3D printed liver are already in development. Imagine "smart factories" in which global systems of manufacturing are coordinated virtually, or implantable mobile phones made of biosynthetic materials. The fourth industrial revolution, says Schwab, is more significant, and its ramifications more profound, than in any prior period of human history. He outlines the key technologies driving this revolution and discusses the major impacts expected on government, business, civil society and individuals. Schwab

also offers bold ideas on how to harness these changes and shape a better future—one in which technology empowers people rather than replaces them; progress serves society rather than disrupts it; and in which innovators respect moral and ethical boundaries rather than cross them. We all have the opportunity to contribute to developing new frameworks that advance progress.

The Collapse of Western Civilization - Naomi Oreskes 2014-07-01

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 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.

Climate and Society - Robin Leichenko 2019-06-13

This bold and important new book presents current and emerging thinking on the social dimensions of climate change. Using clear language and powerful examples, it introduces key concepts and frameworks for understanding the multifaceted connections between climate and society. Robin Leichenko and Karen O'Brien frame climate change as a social issue that calls for integrative approaches to research, policy, and action. They explore dominant and relevant discourses on the social drivers and impacts of climate change, highlighting the important roles that worldviews and beliefs play in shaping responses to climate challenges. Situating climate change within the context of a rapidly changing world, the book demonstrates how dynamic political, economic, and environmental contexts amplify risks yet also present opportunities for transformative responses. Aimed at undergraduate students and others concerned with a critical challenge of our time, this informative and engaging book empowers readers with a range of possibilities for equitable and sustainable transformations in a changing climate.

Global Change and Forest Soils - 2019-11-23

Global Change and Forest Soils: Cultivating Stewardship of a Finite Natural Resource, Volume 36, provides a state-of-the-science summary and synthesis of global forest soils that identifies concerns, issues and opportunities for soil adaptation and mitigation as external pressures from global changes arise. Where, how and why some soils are resilient to global change while others are at risk is explored, as are upcoming train wrecks and success stories across boreal, temperate, and tropical forests. Each chapter offers multiple sections written by leading soil scientists who comment on wildfires, climate change and forest harvesting effects, while also introducing examples of current global issues. Readers will find this book to be an integrated, up-to-date assessment on global forest soils. Presents sections on boreal, temperate and tropical soils for a diverse audience Serves as an important reference source for anyone interested in both a big-picture assessment of global soil issues and an in-depth examination of specific environmental topics Provides a unique synthesis of forest soils and their collective ability to respond to global change Offers chapters written by leading soil scientists Prepares readers to meet the daily challenges of drafting multi-resource environmental science and policy documents

Global Climate Change Impacts in the United States - U.S. Global Change Research Program 2009-08-24

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

Why Forests? Why Now? - Frances Seymour 2016-12-27

Tropical forests are an undervalued asset in meeting the greatest global challenges of our time—averting climate change and promoting development. Despite their importance, tropical forests and their ecosystems are being destroyed at a high and even increasing rate in most forest-rich countries. The good news is that the science, economics, and politics are aligned to support a major international effort over the next five years to reverse tropical deforestation. *Why Forests? Why Now?*

synthesizes the latest evidence on the importance of tropical forests in a way that is accessible to anyone interested in climate change and development and to readers already familiar with the problem of deforestation. It makes the case to decisionmakers in rich countries that rewarding developing countries for protecting their forests is urgent, affordable, and achievable.

Review of the Draft Fourth National Climate Assessment - National Academies of Sciences, Engineering, and Medicine 2018-06-18

Climate change poses many challenges that affect society and the natural world. With these challenges, however, come opportunities to respond. By taking steps to adapt to and mitigate climate change, the risks to society and the impacts of continued climate change can be lessened. The National Climate Assessment, coordinated by the U.S. Global Change Research Program, is a mandated report intended to inform response decisions. Required to be developed every four years, these reports provide the most comprehensive and up-to-date evaluation of climate change impacts available for the United States, making them a unique and important climate change document. The draft Fourth National Climate Assessment (NCA4) report reviewed here addresses a wide range of topics of high importance to the United States and society more broadly, extending from human health and community well-being, to the built environment, to businesses and economies, to ecosystems and natural resources. This report evaluates the draft NCA4 to determine if it meets the requirements of the federal mandate, whether it provides accurate information grounded in the scientific literature, and whether it effectively communicates climate science, impacts, and responses for general audiences including the public, decision makers, and other stakeholders.

Biodiversity and Climate Change - Thomas E. Lovejoy 2019-01-01

An essential, up-to-date look at the critical interactions between biological diversity and climate change that will serve as an immediate call to action. The physical and biological impacts of climate change are dramatic and broad-ranging. People who care about the planet and manage natural resources urgently need a synthesis of our rapidly growing understanding of these issues. In this all-new sequel to the 2005 volume *Climate Change and Biodiversity*, leading experts in the field summarize observed changes, assess what the future holds, and offer suggested responses. From extinction risk to ocean acidification, from the future of the Amazon to changes in ecosystem services, and from geoengineering to the power of ecosystem restoration, this book captures the sweep of climate change transformation of the biosphere.

African Handbook of Climate Change Adaptation - Nicholas Oguge 2021-05-20

This open access book discusses current thinking and presents the main issues and challenges associated with climate change in Africa. It introduces evidences from studies and projects which show how climate change adaptation is being - and may continue to be successfully implemented in African countries. Thanks to its scope and wide range of themes surrounding climate change, the ambition is that this book will be a lead publication on the topic, which may be regularly updated and hence capture further works. Climate change is a major global challenge. However, some geographical regions are more severely affected than others. One of these regions is the African continent. Due to a combination of unfavourable socio-economic and meteorological conditions, African countries are particularly vulnerable to climate change and its impacts. The recently released IPCC special report "Global Warming of 1.5o C" outlines the fact that keeping global warming by the level of 1.5o C is possible, but also suggested that an increase by 2o C could lead to crises with crops (agriculture fed by rain could drop by 50% in some African countries by 2020) and livestock production, could damage water supplies and pose an additional threat to coastal areas. The 5th Assessment Report produced by IPCC predicts that wheat may disappear from Africa by 2080, and that maize— a staple—will fall significantly in southern Africa. Also, arid and semi-arid lands are likely to increase by up to 8%, with severe ramifications for livelihoods, poverty eradication and meeting the SDGs. Pursuing appropriate adaptation strategies is thus vital, in order to address the current and future challenges posed by a changing climate. It is against this background that the "African Handbook of Climate Change Adaptation" is being published. It contains papers prepared by scholars, representatives from social movements, practitioners and members of governmental agencies, undertaking research and/or executing climate change projects in Africa, and working with communities across the African continent. Encompassing over 100 contributions from across Africa, it is the most comprehensive publication on climate change adaptation in Africa ever

produced.

Driving Climate Change - Daniel Sperling 2010-07-26

Climate change is one of the greatest challenges facing global society. The debate over what to do is confounded by the uncertain relationship between increasing greenhouse gas emissions and climate change, and the impact of those changes on nature and human civilization. Driving Climate Change will provide professionals and students alike with the latest information regarding greenhouse emissions while presenting the most up-to-date techniques for reducing these emissions. It will investigate three broad strategies for reducing greenhouse gas emissions: 1) reducing motorized travel, 2) shifting to less energy intensive modes, and 3) changing fuel and propulsion technologies. Findings will be presented by the leaders in the field with contributions from professors, researchers, consultants and engineers at the most prominent institutions - commercial, academic and federal - dealing with environmental research and policy. Includes a comprehensive evaluation of current industrial practice Provides technologically sound and manageable techniques for engineers, scientists and designers Incorporates guidelines for a sustainable future

Global Trends 2040 - National Intelligence Council 2021-03

"The ongoing COVID-19 pandemic marks the most significant, singular global disruption since World War II, with health, economic, political, and security implications that will ripple for years to come." -Global Trends 2040 (2021) Global Trends 2040-A More Contested World (2021), released by the US National Intelligence Council, is the latest report in its series of reports starting in 1997 about megatrends and the world's future. This report, strongly influenced by the COVID-19 pandemic, paints a bleak picture of the future and describes a contested, fragmented and turbulent world. It specifically discusses the four main trends that will shape tomorrow's world: - Demographics-by 2040, 1.4 billion people will be added mostly in Africa and South Asia. - Economics-increased government debt and concentrated economic power will escalate problems for the poor and middleclass. - Climate-a hotter world will increase water, food, and health insecurity. - Technology-the emergence of new technologies could both solve and cause problems for human life. Students of trends, policymakers, entrepreneurs, academics, journalists and anyone eager for a glimpse into the next decades, will find this report, with colored graphs, essential reading.

Communities in Action - National Academies of Sciences, Engineering, and Medicine 2017-04-27

In the United States, some populations suffer from far greater disparities in health than others. Those disparities are caused not only by fundamental differences in health status across segments of the population, but also because of inequities in factors that impact health status, so-called determinants of health. Only part of an individual's health status depends on his or her behavior and choice; community-wide problems like poverty, unemployment, poor education, inadequate housing, poor public transportation, interpersonal violence, and decaying neighborhoods also contribute to health inequities, as well as the historic and ongoing interplay of structures, policies, and norms that shape lives. When these factors are not optimal in a community, it does not mean they are intractable: such inequities can be mitigated by social policies that can shape health in powerful ways. Communities in Action: Pathways to Health Equity seeks to delineate the causes of and the solutions to health inequities in the United States. This report focuses on what communities can do to promote health equity, what actions are needed by the many and varied stakeholders that are part of communities or support them, as well as the root causes and structural barriers that need to be overcome.

SUMMARY - The Future: Six Drivers Of Global Change By Al Gore - Shortcut Edition 2021-06-07

* Our summary is short, simple and pragmatic. It allows you to have the essential ideas of a big book in less than 30 minutes. By reading this summary, you will discover how it is possible to act against climate change. You will also discover : that Al Gore relied on proven data and facts to build his thinking; how the integration of ecology into the human way of life is crucial for the future; that the ecosystem is being wiped out; the role of the major powers in the management of ecological problems; how each individual can make a difference at his or her own level. In "The Future", Al Gore poses the question of the future of the human species. For years, the former vice-president of the United States built his thinking by making it evolve in line with world events. Far from being pessimistic, he evokes the six factors, which he imagines as six software programs restructuring the world and making it evolve towards a humanity he hopes will be better. *Buy now the summary of this book for the modest

price of a cup of coffee!

Climate Change Denial - Haydn Washington 2013-05-13

Humans have always used denial. When we are afraid, guilty, confused, or when something interferes with our self-image, we tend to deny it. Yet denial is a delusion. When it impacts on the health of oneself, or society, or the world it becomes a pathology. Climate change denial is such a case. Paradoxically, as the climate science has become more certain, denial about the issue has increased. The paradox lies in the denial. There is a denial industry funded by the fossil fuel companies that literally denies the science, and seeks to confuse the public. There is denial within governments, where spin-doctors use 'weasel words' to pretend they are taking action. However there is also denial within most of us, the citizenry. We let denial prosper and we resist the science. It also explains the social science behind denial. It contains a detailed examination of the principal climate change denial arguments, from attacks on the integrity of scientists, to impossible expectations of proof and certainty to the cherry picking of data. Climate change can be solved - but only when we cease to deny that it exists. This book shows how we can break through denial, accept reality, and thus solve the climate crisis. It will engage scientists, university students, climate change activists as well as the general public seeking to roll back denial and act.

Climate Change Biology - Lee Hannah 2014-11-17

Climate Change Biology, 2e examines the evolving discipline of human-induced climate change and the resulting shifts in the distributions of species and the timing of biological events. The text focuses on understanding the impacts of human-induced climate change by drawing on multiple lines of evidence, including paleoecology, modeling, and current observation. This revised and updated second edition emphasizes impacts of human adaptation to climate change on nature and greater emphasis on natural processes and cycles and specific elements. With four new chapters, an increased emphasis on tools for critical thinking, and a new glossary and acronym appendix, Climate Change Biology, 2e is the ideal overview of this field. Expanded treatment of processes and cycles Additional exercises and elements to encourage independent and critical thinking Increased on-line supplements including mapping activities and suggested labs and classroom activities.

Megachange - D. Franklin 2012-03-27

This compelling book focuses on fundamental trends called "megatrends", which are great forces in societal development that have a profound impact on states, markets and civil society today and in the future.

ADKAR - Jeff Hiatt 2006

In his first complete text on the ADKAR model, Jeff Hiatt explains the origin of the model and explores what drives each building block of ADKAR. Learn how to build awareness, create desire, develop knowledge, foster ability and reinforce changes in your organization. The ADKAR Model is changing how we think about managing the people side of change, and provides a powerful foundation to help you succeed at change.

Global Change and the Earth System - Will Steffen 2006-01-27

Global Change and the Earth System describes what is known about the Earth system and the impact of changes caused by humans. It considers the consequences of these changes with respect to the stability of the Earth system and the well-being of humankind; as well as exploring future paths towards Earth-system science in support of global sustainability. The results presented here are based on 10 years of research on global change by many of the world's most eminent scholars. This valuable volume achieves a new level of integration and interdisciplinarity in treating global change.

Global Productivity - Alistair Dieppe 2021-06-09

The COVID-19 pandemic struck the global economy after a decade that featured a broad-based slowdown in productivity growth. Global Productivity: Trends, Drivers, and Policies presents the first comprehensive analysis of the evolution and drivers of productivity growth, examines the effects of COVID-19 on productivity, and discusses a wide range of policies needed to rekindle productivity growth. The book also provides a far-reaching data set of multiple measures of productivity for up to 164 advanced economies and emerging market and developing economies, and it introduces a new sectoral database of productivity. The World Bank has created an extraordinary book on productivity, covering a large group of countries and using a wide variety of data sources. There is an emphasis on emerging and developing economies, whereas the prior literature has concentrated on developed economies. The book seeks to understand growth patterns and quantify the role of (among other things) the reallocation of factors, technological change, and the impact of natural disasters, including the COVID-19 pandemic. This book is must-

reading for specialists in emerging economies but also provides deep insights for anyone interested in economic growth and productivity. Martin Neil Baily Senior Fellow, The Brookings Institution Former Chair, U.S. President's Council of Economic Advisers This is an important book at a critical time. As the book notes, global productivity growth had already been slowing prior to the COVID-19 pandemic and collapses with the pandemic. If we want an effective recovery, we have to understand what was driving these long-run trends. The book presents a novel global approach to examining the levels, growth rates, and drivers of productivity growth. For anyone wanting to understand or influence productivity growth, this is an essential read. Nicholas Bloom William D. Eberle Professor of Economics, Stanford University The COVID-19 pandemic hit a global economy that was already struggling with an adverse pre-existing condition—slow productivity growth. This extraordinarily valuable and timely book brings considerable new evidence that shows the broad-based, long-standing nature of the slowdown. It is comprehensive, with an exceptional focus on emerging market and developing economies. Importantly, it shows how severe disasters (of which COVID-19 is just the latest) typically harm productivity. There are no silver bullets, but the book suggests sensible strategies to improve growth prospects. John Fernald Schrodgers Chaired Professor of European Competitiveness and Reform and Professor of Economics, INSEAD

The Future of Productivity - OECD 2015-12-11

This book addresses the rising productivity gap between the global frontier and other firms, and identifies a number of structural impediments constraining business start-ups, knowledge diffusion and resource allocation (such as barriers to up-scaling and relatively high rates of skill mismatch).

Governing Climate Change - Andrew Jordan 2018-04-30

Climate change governance is in a state of enormous flux. New and more dynamic forms of governing are appearing around the international climate regime centred on the United Nations Framework Convention on Climate Change (UNFCCC). They appear to be emerging spontaneously from the bottom up, producing a more dispersed pattern of governing, which Nobel Laureate Elinor Ostrom famously described as 'polycentric'. This book brings together contributions from some of the world's foremost experts to provide the first systematic test of the ability of polycentric thinking to explain and enhance societal attempts to govern climate change. It is ideal for researchers in public policy, international relations, environmental science, environmental management, politics, law and public administration. It will also be useful on advanced courses in climate policy and governance, and for practitioners seeking incisive summaries of developments in particular sub-areas and sectors. This title is also available as Open Access on Cambridge Core.

Climate Change - Joseph Romm 2018-04-02

"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.

The Uninhabitable Earth - David Wallace-Wells 2020-03-17

#1 NEW YORK TIMES BESTSELLER • "The Uninhabitable Earth hits you like a comet, with an overflow of insanely lyrical prose about our pending Armageddon."—Andrew Solomon, author of The Noonday Demon With a new afterword 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—food

shortages, refugee emergencies, climate wars and economic devastation. An "epoch-defining book" (The Guardian) and "this generation's Silent Spring" (The Washington Post), The Uninhabitable Earth is both a travelogue of the near future and a meditation on how that future will look to those living through it—the ways that warming promises to transform global politics, the meaning of technology and nature in the modern world, the sustainability of capitalism and the trajectory of human progress. The Uninhabitable Earth is also 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—today's. Praise for The Uninhabitable Earth "The Uninhabitable Earth is the most terrifying book I have ever read. Its subject is climate change, and its method is scientific, but its mode is Old Testament. The book is a meticulously documented, white-knuckled tour through the cascading catastrophes that will soon engulf our warming planet."—Farhad Manjoo, The New York Times "Riveting. . . . Some readers will find Mr. Wallace-Wells's outline of possible futures alarmist. He is indeed alarmed. You should be, too."—The Economist "Potent and evocative. . . . Wallace-Wells has resolved to offer something other than the standard narrative of climate change. . . . He avoids the 'eerily banal language of climatology' in favor of lush, rolling prose."—Jennifer Szalai, The New York Times "The book has potential to be this generation's Silent Spring."—The Washington Post "The Uninhabitable Earth, which has become a best seller, taps into the underlying emotion of the day: fear. . . . I encourage people to read this book."—Alan Weisman, The New York Review of Books

The Future - Al Gore 2013

The former vice president and #1 best-selling author of An Inconvenient Truth offers a frank assessment of six critical drivers of global change in the decades to come—economic globalization, worldwide digital communications, a growing balance of global power, unsustainable population growth, scientific revolution and disruption of ecosystems.

Our Common Agenda - Report of the Secretary-General - United Nations 2021-09-10

On the seventy-fifth anniversary of the United Nations, the world has faced its biggest shared test since the Second World War in the coronavirus disease (COVID-19) pandemic. Yet while our welfare, and indeed the permanence of human life, depend on us working together, international cooperation has never been harder to achieve. This report answers a call from UN Member States to provide recommendations to advance our common agenda and to respond to current and future challenges. Its proposals are grounded in a renewal of the social contract, adapted to the challenges of this century, taking into account younger and future generations, complemented by a new global deal to better protect the global commons and deliver global public goods. Through a deepening of solidarity—at the national level, between generations, and in the multilateral system—Our Common Agenda provides a path forward to a greener, safer and better future.

Joined at the Heart - Al Gore 2003-11

In this moving exploration of the contemporary family landscape, the Gores share stories drawn from their own experiences, as well as introduce readers to a dozen other families they have come to know over the years.

The Assault on Reason - Al Gore 2007-05-22

Now With a New Preface and Final Chapter: "Post-Truth: On Donald Trump and the 2016 Election" What has happened to our country and how can we fix it? We are in the midst of a deepening crisis for our democracy. After the strangest election cycle in modern American history it is important that we address the grave threats to our way of life that were glaringly revealed in this campaign. In The Assault on Reason, Nobel Peace Prize winner and former Vice President Al Gore examines how faith in the power of reason—the idea that citizens can govern themselves through rational debate—is in peril. Our democracy depends on a well-informed citizenry and a two-way conversation about ideas, but our public sphere has been degraded by fake news and the politics of fear, partisanship, and blind faith. Now updated to investigate the rise of Trump and post-truth politics, The Assault on Reason is a call to rebuild the vitality of American democracy by restoring the nation's information ecosystem so that we can start making good decisions again.

False Alarm - Bjorn Lomborg 2020-07-14

The New York Times bestselling "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 Arctic. 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.

Global Environmental Change - National Research Council 1991-02-01
Global environmental change often seems to be the most carefully examined issue of our time. Yet understanding the human side—human causes of and responses to environmental change—has not yet received sustained attention. Global Environmental Change offers a strategy for combining the efforts of natural and social scientists to better understand how our actions influence global change and how global change influences us. The volume is accessible to the nonscientist and provides a wide range of examples and case studies. It explores how the attitudes and actions of individuals, governments, and organizations intertwine to leave their mark on the health of the planet. The book focuses on establishing a framework for this new field of study, identifying problems that must be overcome if we are to deepen our understanding of the human dimensions of global change, presenting conclusions and recommendations.

Climate Change - Edmond A. Mathez 2009

The Sixth Extinction - Elizabeth Kolbert 2014-02-11
ONE OF THE NEW YORK TIMES BOOK REVIEW'S 10 BEST BOOKS OF THE YEAR A major book about the future of the world, blending intellectual and natural history and field reporting into a powerful account of the mass extinction unfolding before our eyes Over the last half a billion years, there have been five mass extinctions, when the diversity of life on earth suddenly and dramatically contracted. Scientists around the world are currently monitoring the sixth extinction, predicted to be the most devastating extinction event since the asteroid impact that wiped out the dinosaurs. This time around, the cataclysm is us. In *The Sixth Extinction*, two-time winner of the National Magazine Award and New Yorker writer

Elizabeth Kolbert draws on the work of scores of researchers in half a dozen disciplines, accompanying many of them into the field: geologists who study deep ocean cores, botanists who follow the tree line as it climbs up the Andes, marine biologists who dive off the Great Barrier Reef. She introduces us to a dozen species, some already gone, others facing extinction, including the Panamanian golden frog, staghorn coral, the great auk, and the Sumatran rhino. Through these stories, Kolbert provides a moving account of the disappearances occurring all around us and traces the evolution of extinction as concept, from its first articulation by Georges Cuvier in revolutionary Paris up through the present day. The sixth extinction is likely to be mankind's most lasting legacy; as Kolbert observes, it compels us to rethink the fundamental question of what it means to be human.

The Ministry for the Future - Kim Stanley Robinson 2020-10-06
ONE OF BARACK OBAMA'S FAVORITE BOOKS OF THE YEAR "The best science-fiction nonfiction novel I've ever read." —Jonathan Lethem "If I could get policymakers, and citizens, everywhere to read just one book this year, it would be Kim Stanley Robinson's *The Ministry for the Future*." —Ezra Klein (Vox) *The Ministry for the Future* is a masterpiece of the imagination, using fictional eyewitness accounts to tell the story of how climate change will affect us all. Its setting is not a desolate, postapocalyptic world, but a future that is almost upon us. Chosen by Barack Obama as one of his favorite books of the year, this extraordinary novel from visionary science fiction writer Kim Stanley Robinson will change the way you think about the climate crisis. "One hopes that this book is read widely—that Robinson's audience, already large, grows by an order of magnitude. Because the point of his books is to fire the imagination."—New York Review of Books "If there's any book that hit me hard this year, it was Kim Stanley Robinson's *The Ministry for the Future*, a sweeping epic about climate change and humanity's efforts to try and turn the tide before it's too late." —Polygon (Best of the Year) "Masterly." —New Yorker "[*The Ministry for the Future*] struck like a mallet hitting a gong, reverberating through the year ... it's terrifying, unrelenting, but ultimately hopeful. Robinson is the SF writer of my lifetime, and this stands as some of his best work. It's my book of the year." —Locus "Science-fiction visionary Kim Stanley Robinson makes the case for quantitative easing our way out of planetary doom." —Bloomberg Green
Climate Change and Cities - Cynthia Rosenzweig 2018-03-29
Climate Change and Cities bridges science-to-action for climate change adaptation and mitigation efforts in cities around the world.