

Six Degrees Mark Lynas

A ground-breaking study of the devastating impact of global warming on people's lives around the world on every continent provides a stark and urgent warning about the dangers that exist unless something is done before it is too late to avert even greater catastrophes. Original. 25,000 first printing.

Are we in imminent danger of extinction? Yes, we probably are, argues John Leslie in his chilling account of the dangers facing the human race as we approach the second millenium. The End of the World is a sobering assessment of the many disasters that scientists have predicted and speculated on as leading to apocalypse. In the first comprehensive survey, potential catastrophes - ranging from deadly diseases to high-energy physics experiments - are explored to help us understand the risks. One of the greatest threats facing humankind, however, is the insurmountable fact that we are a relatively young species, a risk which is at the heart of the 'Doomsday Argument'. This argument, if correct, makes the dangers we face more serious than we could have ever imagined. This more than anything makes the arrogance and ignorance of politicians, and indeed philosophers, so disturbing as they continue to ignore the manifest dangers facing future generations.

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

A series of comic strips discusses global warming, including its causes, effects, and the political and social efforts to stop or reduce it, from the point of view of a mad scientist, fat cat businessman, and committed teenager.

The Uninhabitable Earth

The End of the World

Our Future on a Hotter Planet

The Science and Ethics of Human Extinction

What Everyone Needs to Know

The Booming Business of Global Warming

As the World Burns

Climate change is the greatest challenge facing humanity: drastic reduction of carbon emissions is vital if we are to avoid a catastrophe that devastates large parts of the world. Governments and businesses have been slow to act and individuals now need to take the lead. The Earth can absorb no more than 3 tonnes of carbon dioxide emissions each year for every person on the planet if we are to keep temperature and rainfall change within tolerable limits. Yet from cars and holiday flights to household appliances and the food on our plates, Western consumer lifestyles leave each of us responsible for over 12 tonnes of carbon dioxide a year - four times what the Earth can handle. Individual action is essential if we want to avoid climate chaos. How to Live a Low-Carbon Life shows how easy it is to take responsibility, providing the first comprehensive, one-stop reference guide to calculating your CO2 emissions and reducing them to a sustainable 3 tonnes a year.

An analysis of why people with knowledge about climate change often fail to translate that knowledge into action. Global warming is the most significant environmental issue of our time, yet public response in Western nations has been meager. Why have so few taken any action? In *Living in Denial*, sociologist Kari Norgaard searches for answers to this question, drawing on interviews and ethnographic data from her study of "Bygdaby," the fictional name of an actual rural community in western Norway, during the unusually warm winter of 2000-2001. In 2000-2001 the first snowfall came to Bygdaby two months later than usual; ice fishing was impossible; and the ski industry had to invest substantially in artificial snow-making. Stories in local and national newspapers linked the warm winter explicitly to global warming. Yet residents did not write letters to the editor, pressure politicians, or cut down on use of fossil fuels. Norgaard attributes this lack of response to the phenomenon of socially organized denial, by which information about climate science is known in the abstract but disconnected from political, social, and private life, and sees this as emblematic of how citizens of industrialized countries are responding to global warming. Norgaard finds that for the highly educated and politically savvy residents of Bygdaby, global warming was both common knowledge and unimaginable. Norgaard traces this denial through multiple levels, from emotions to cultural norms to political economy. Her report from Bygdaby, supplemented by comparisons throughout the book to the United States, tells a larger story behind our paralysis in the face of today's alarming predictions from climate scientists.

In accessible journalistic prose, author Lynas distills what environmental scientists predict about the consequences of human pollution for the next hundred years, degree by degree. At 1 degree Celsius, most coral reefs and many mountain glaciers will be lost. A 3-degree rise would spell the collapse of the Amazon rainforest, disappearance of Greenland's ice sheet, and the creation of deserts across the Midwestern United States and southern Africa. A 6-degree increase would eliminate most life on Earth, including much of humanity. Based on authoritative scientific articles, the latest computer models, and information about past warm events in Earth history, this promises to be an eye-opening warning that humanity will ignore at its peril.--From publisherdescription.

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

Don't Even Think About It

Why Scientists Fear Tipping Points in Climate Change

The Truth About Our Climate Crisis

Saving the Planet in the Age of Humans

Why We Got It So Wrong On GMOs

Race for Tomorrow: Survival, Innovation and Profit on the Front Lines of the Climate Crisis

Climate Change

By making use of the latest in world energy statistics, author Mark Lynas shows that with wind and solar still at only about one percent of global primary energy, looking to renewable energy as a solution to deliver all the world's power is a dangerously delusional concept. Moreover, with no possibility reducing the world's energy usage—when the developing world is fast extricating itself from poverty and adding the equivalent of a new Brazil to the global electricity consumption each year—additional solutions are needed. This book then details how the antinuclear movement of the 1970s and 1980s succeeded only in making the world more dependent on fossil fuels. Instead of making the same mistake again, this book shows how all those who want to see a low-carbon future need to join forces by backing an ambitious proposal for a combined investment in wind, solar, and nuclear power.

Global warming is worse than we've been told. If we can prevent it from becoming irreversible, we can survive. Using the Job One for Humanity Plan, we can end global warming before it is too late. CLIMAGEDDON is the must-read new book for early warning signals critical to preserving your safety, assets, and business.

The author provides a study of rape in a virtual world and delves more deeply into the ramifications of crime in a place where race, gender, and identity can be changed at will

The No Logo of climate change – a book that shows how global warming is not a theory we should still debate, but something that has already happened on a global scale.

High Tide: How Climate Crisis is Engulfing Our Planet

Crime and Passion in a Virtual World

The Facts

Sea Sick

The Truth about the Coming Climate Catastrophe and Our Last Chance to Save Humanity

Beacon of Hope

A Story of the Far North

As heard on BBC Radio 4's Start the Week with Andrew Marr One of the Financial Times' best books of 2021 One of Geographical magazine's top ten books of 2021

A brilliant and terrifying book that forces us to move beyond denial and into action.

• 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.

In the tradition of Eric Schlosser's Fast Food Nation, a groundbreaking global investigation into the industry ravaging the environment and global health—from the James Beard Award-winning journalist Over the past few decades, palm oil has seeped into every corner of our lives. Worldwide, palm oil production has nearly doubled in just the last decade: oil-palm plantations now cover an area nearly the size of New Zealand, and some form of the commodity lurks in half the products on U.S. grocery shelves. But the palm oil revolution has been built on stolen land and slave labor; it's swept away cultures and so devastated the landscapes of Southeast Asia that iconic animals now teeter on the brink of extinction. Fires lit to clear the way for plantations spew carbon emissions to rival those of industrialized nations. James Beard Award-winning journalist Jocelyn C. Zuckerman spent years traveling the globe, from Liberia to Indonesia, India to Brazil, reporting on the human and environmental impacts of this poorly understood plant. The result is Planet Palm, a riveting account blending history, science, politics, and food as seen through the people whose lives have been upended by this hidden ingredient. This

groundbreaking work of first-rate journalism compels us to examine the connections between the choices we make at the grocery store and a planet under siege.

The Most Comprehensive Plan Ever Proposed to Reverse Global Warming

My Tiny Life

The Global Warming Emergency and How to Survive It

The Fate of the Species

The Case for an Environmental Conservatism

Windfall

How Man Is Changing the Climate and What It Means for Life on Earth

"A beautifully written book that will make you think and worry."--Fareed Zakaria

Six Degrees Our Future on a Hotter Planet National Geographic Books

The director of the Climate Outreach and Information Network explores the psychological mechanism that enables people to ignore the dangers of climate change, using sidebars, cartoons and engaging stories from his years of research to reveal how humans are wired to primarily respond to visible threats.

"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"--

Climageddon

Climate Change, Emotions, and Everyday Life

Weird Weather

How to Stop the Planet from Burning

Paris Climate Agreement

The God Species: How Humans Really Can Save the Planet...

Net Zero: How We Stop Causing Climate Change

We humans are the God species, both the creators and destroyers of life on this planet. As we enter a new geological era - the Anthropocene - our collective power now overwhelms and dominates the major forces of nature. But from the water cycle to the circulation of nitrogen and carbon through the entire Earth system, we are coming dangerously close to destroying the planetary life-support systems that sustain us. In this controversial new book, Royal Society Science Books Prize winner Mark Lynas shows us how we must use our new mastery over nature to save the planet from ourselves. Taking forward the work of a brilliant new group of Earth-system scientists who have mapped out our real 'planetary boundaries', Lynas draws up a radical manifesto calling for the increased use of environmentally-friendly technologies like genetic engineering and nuclear power as part of a global effort to use humanity's best tools to protect and nurture the biosphere. Ecological limits are real, but economic limits are not, Lynas contends. We can and must feed a richer population of nine billion people in decades to come, whilst also respecting the nine planetary boundaries - from biodiversity to ocean acidification - now identified and quantified by scientists. Ripping up years of environmental orthodoxy, he reveals how the prescriptions of the current green movement are likely to hinder as much as help our vitally-needed effort to use science and technology to play God and save the planet.

All life – whether on land or in the sea – depends on the oceans for two things: • Oxygen. Most of Earth's oxygen is produced by phytoplankton in the sea. These humble, one-celled organisms, rather than the spectacular rain forests, are the true lungs of the planet. • Climate control. Our climate is regulated by the ocean's currents, winds, and water-cycle activity. *Sea Sick* is the first book to examine the current state of the world's oceans – the great unexamined ecological crisis of the planet – and the fact that we are altering everything about them; temperature, salinity, acidity, ice cover, volume, circulation, and, of course, the life within them. Alanna Mitchell joins the crews of

leading scientists in nine of the global ocean's hotspots to see firsthand what is really happening around the world. Whether it's the impact of coral reef bleaching, the puzzle of the oxygen-less dead zones such as the one in the Gulf of Mexico, or the shocking implications of the changing Ph balance of the sea, Mitchell explains the science behind the story to create an engaging, accessible yet authoritative account.

Nature is fragile, environmentalists often tell us. But the lesson of this book is that it is not so. The truth is far more worrying. Nature is strong and packs a serious counterpunch . . . Global warming will very probably unleash unstoppable planetary forces. And they will not be gradual. The history of our planet's climate shows that it does not do gradual change. Under pressure, whether from sunspots or orbital wobbles or the depredations of humans, it lurches-virtually overnight. -from the Introduction Fred Pearce has been writing about climate change for eighteen years, and the more he learns, the worse things look. Where once scientists were concerned about gradual climate change, now more and more of them fear we will soon be dealing with abrupt change resulting from triggering hidden tipping points. Even President Bush's top climate modeler, Jim Hansen, warned in 2005 that "we are on the precipice of climate system tipping points beyond which there is no redemption." As Pearce began working on this book, normally cautious scientists beat a path to his door to tell him about their fears and their latest findings. *With Speed and Violence* tells the stories of these scientists and their work-from the implications of melting permafrost in Siberia and the huge river systems of meltwater beneath the icecaps of Greenland and Antarctica to the effects of the "ocean conveyor" and a rare molecule that runs virtually the entire cleanup system for the planet. Above all, the scientists told him what they're now learning about the speed and violence of past natural climate change-and what it portends for our future. *With Speed and Violence* is the most up-to-date and readable book yet about the growing evidence for global warming and the large climatic effects it may unleash.

A fascinating investigation into how people around the globe are cashing in on a warming world McKenzie Funk has spent the last six years reporting around the world on how we are preparing for a warmer planet. Funk shows us that the best way to understand the catastrophe of global warming is to see it through the eyes of those who see it most clearly-as a market opportunity. Global warming's physical impacts can be separated into three broad categories: melt, drought, and deluge. Funk travels to two dozen countries to profile entrepreneurial people who see in each of these forces a potential windfall. The melt is a boon for newly arable, mineral-rich regions of the Arctic, such as Greenland-and for the surprising kings of the manmade snow trade, the Israelis. The process of desalination, vital to Israel's survival, can produce a snowlike by-product that alpine countries use to prolong their ski season. Drought creates opportunities for private firefighters working for insurance companies in California as well as for fund managers backing south Sudanese warlords who control local farmland. As droughts raise food prices globally, there is no more precious asset. The deluge-the rising seas, surging rivers, and superstorms that will threaten island nations and coastal cities-has been our most distant concern, but after Hurricane Sandy and failure after failure to cut global carbon emissions, it is not so distant. For Dutch architects designing floating cities and American scientists patenting hurricane defenses, the race is on. For low-lying countries like Bangladesh, the coming deluge presents an existential threat. Funk visits the front lines of the melt, the drought, and the deluge to make a human accounting of the booming business of global warming. By letting climate change continue unchecked, we are choosing to adapt to a warming world. Containing the resulting surge will be big business; some will benefit, but much of the planet will suffer. McKenzie Funk has investigated both sides, and what he has found will shock us all. To understand how the world is preparing to warm, *Windfall* follows the money.

Heat

Drawdown

Everything You Didn't Want to Know about Climate Change But Probably Should Find Out
Seeds of Science

Flight of the Goose

High Tide

The Global Ocean in Crisis

"Flight of the Goose" is an award-winning novel set in a remote village of the Alaskan Arctic, in a time of great cultural and ecological change. "The story took my breath away. I wept my way through it, identifying profoundly with both protagonists. (Thomas) has a fine grasp of the complexity of human relations and culture in such a village. She also writes beautifully. A remarkable book altogether." Jean L. Briggs, Professor Emeritus, Department of Anthropology, Memorial University of Newfoundland and author of "Never in Anger" "Memorable...One of the best novels of Alaska that I have read. With the author's unerring knowledge of anthropology and social and environmental issues, it could fit any rural Alaskan village." Dorothy Jean Ray, author of "A Legacy of Arctic Art," and "The Eskimos of Bering Strait 1650-1898" 1971, the Alaskan Arctic. "It was a time when much was hidden, before

outsiders came on bended knee to learn from the elders. Outsiders came, but it was not to learn from us; it was to change us. There was a war and a university, an oil company and a small village, all run by men. There was a young man who hunted geese to feed his family and another who studied geese to save them. And there was a young woman who flew into the world of spirits to save herself..." So relates Kayuqtuq Ugungoraseok, "the red fox." An orphan traumatized by her past, she seeks respect in her traditional Inupiat village through the outlawed path of shamanism. Her plan leads to tragedy when she interferes with scientist Leif Trygvesen, who has come to research the effects of oil spills on salt marshes - and evade the draft. Told from both Kayuqtuq's and Leif's perspectives, "Flight of the Goose" is a tale of cultural conflict, spiritual awakening, redemption and love in a time when things were - to use the phrase of an old arctic shaman - "no longer familiar." "Flight of the Goose" is recommended in Cultural Survival Quarterly, Shaman's Drum Journal, First Alaskans Magazine, Tundra Drums, Seattle Post Intelligencer and Sacred Hoop Magazine. It has been studied at North Slope School District, University of Washington, University of Alaska, Boston University, Sterling College, by Sandra Ingerman at Medicine for the Earth - and is read by book clubs worldwide. "Flight of the Goose" won first place in several literary contests. See more at www.lesleythomas.com

A Kirkus Reviews Best Nonfiction of 2011 title A bold, far-reaching look at how our actions will decide the planet's future for millennia to come. Imagine a planet where North American and Eurasian navies are squaring off over shipping lanes through an acidified, ice-free Arctic. Centuries later, their northern descendants retreat southward as the recovering sea freezes over again. And later still, future nations plan how to avert an approaching Ice Age... by burning what remains of our fossil fuels. These are just a few of the events that are likely to befall Earth and human civilization in the next 100,000 years. And it will be the choices we make in this century that will affect that future more than those of any previous generation. We are living at the dawn of the Age of Humans; the only question is how long that age will last. Few of us have yet asked, "What happens after global warming?" Drawing upon the latest, groundbreaking works of a handful of climate visionaries, Curt Stager's Deep Future helps us look beyond 2100 a.d. to the next hundred millennia of life on Earth.

This volume presents an Empirical Model of Global Climate developed by the authors and uses that model to show that global warming will likely remain below 2°C, relative to preindustrial, throughout this century provided: a) both the unconditional and conditional Paris INDC commitments are followed; b) the emission reductions needed to achieve the Paris INDCs are carried forward to 2060 and beyond. The first section of the book provides a short overview of Earth's climate system, describing and contrasting climatic changes throughout the planet's history and anthropogenic changes post-Industrial Revolution. The second section describes the climate model developed by the authors (Cantey et al., Atmospheric Chemistry and Physics, 2013) and contrasts the model with climate models used in the Intergovernmental Panel on Climate Change (IPCC) 2013 Report. Chapter 3 examines both the unconditional (i.e., firm commitments) and conditional Paris INDCs (commitments contingent on financial flow and/or technology transfer) through the lens of their climate model and concludes that if all of the Paris INDCs are followed, then they are indeed a beacon of hope for Earth's climate. The fourth part of the book offers a perspective of energy needs and subsequent emissions reductions required to meet the Paris temperature goals, illuminating challenges faced both in the developing world and the developed world. Throughout the book, easy-to-understand charts and graphics illustrate concepts. The scientific basis of Chapters 2 and 3 was first presented in a keynote session of the 96th Annual Meeting of the American Meteorological Society in January, 2016. This work was published by Saint Philip Street Press pursuant to a Creative Commons license permitting commercial use. All rights not granted by the work's license are retained by the author or authors.

“The story of Juliana v. United States and the committed young people behind it will give you hope in the next generation.” —Elizabeth Kolbert, author of *The Sixth Extinction* Do our children have a right to inherit a livable planet? Is the government obliged to protect it? Twenty-one young people from across America have sued the federal government over climate change, charging that actions promoting a fossil fuel economy violate their constitutional rights to life, liberty, and property. Their trial could be the civil rights trial of the century, but the government has used arcane legal tactics to stymie its progress at every turn. As *The World Burns* follows the plight of the young plaintiffs, chronicling their legal battle as their childhoods are consumed by another year of drought and wildfire, floods and hurricanes, and the most tumultuous political season in modern history. The plaintiffs wrenchingly describe personal experiences with recurring “thousand-year” floods, wildfire smoke so thick they can’t ride a bike to school, drought that threatens family farms, and disappearing coastlines that send waves lapping ominously at their doors. Along the way, journalist Lee van der Voo weaves their experience into a broader narrative of America, where politics and policy threaten the very existence of our youth and our way of life. While acknowledgement of climate change seems increasingly optional in an America resistant to inconvenience, what she found was a group of young people who could indeed articulate, not only their own intense fears about the climate impacts already upending their lives, but a clear understanding of how deeply counter-interests were entrenched in their government and society. And how personal that was beginning to feel. And yet, theirs is ultimately a story of hope. As *The World Burns* is climate breakdown like you’ve never seen it—through the eyes of the young.

Storms of My Grandchildren

Global Warming

Green Spirituality

Planet Palm

How Palm Oil Ended Up in Everything—and Endangered the World

The Weather Makers

How to Live a Low-Carbon Life

What can we really do about the climate emergency? The inconvenient truth is that we are causing the climate crisis with our carbon intensive lifestyles and that fixing – or even just slowing – it will affect all of us. But it can be done.

'Punchy and to the point. No beating around the bush. This brilliant book contains all the information we need to have in our back pocket in order to move forward' Christiana Figueres, Former Executive Secretary UN Climate Change Convention 'Amazing book' Chris Evans, Virgin Radio Breakfast Show 'Everyone should have this book' Rick Edwards, BBC Radio 5 Live 'A timely and important book, not only laying out the facts...but suggesting real solutions to the challenges facing us' Professor Alice Roberts, Anatomist, Professor of Public Engagement in Science, University of Birmingham

How can we save our planet and survive the 21st century? How can you argue with deniers? How can we create positive change in the midst of the climate crisis? Professor Mark Maslin has the key facts that we need to protect our future. Global awareness of climate change is growing rapidly. Science has proven that our planet and species are facing a massive environmental crisis. *How to Save Our Planet* is a call to action, guaranteed to equip everyone with the knowledge needed to make change. Be under no illusion the challenges of the twenty-first century are immense. We need to deal with: climate change, environmental destruction, global poverty and ensure everyone's security. We have the technology. We have the resources. We have the money. We have the scientists, the entrepreneurs and the innovators. We lack the politics and policies to make your vision of a better world happen. So we need a plan to save our planet... *How to Save Our Planet* is your handbook of how we together can save our precious planet. From the history of our planet and species, to the potential of individuals and our power to create a better future, Maslin inspires optimism in these bleak times. We stand at the precipice. The future of our planet is in our hands. It's time to face the facts and save our planet from, and for, ourselves.

_____ 'A handbook of clearly established, authoritative facts and figures about the terrible toll we as humans have taken of our planet, plus ways in which we can lessen the impact. For laypeople like me, who can see what is happening but haven't always got the precise statistics to hand, it's hugely valuable' John Simpson CBE, BBC World Affairs Editor, Broadcaster, Author & Columnist
'Saving the world is no small thing, but picking up this book's a good start' Paris Lees, Contributing Editor at British Vogue, campaigner 'I love it. My kids love it' Chris Evans, Virgin Radio Breakfast Show
'A no-nonsense crib sheet on the state of the world and how to help it' The I Newspaper
What effect are you having on the environment? If you buy Kenyan green beans what is the CO2 cost? What about your journey to work, your fridge or your clothes? The Gem Carbon Counter is your portable instant green reckoner.

Lynas reveals the first evidence--collected during an epic three-year journey across five continents--of how global warming is affecting people's lives all around the world. Lynas' encounters and discoveries give us a stark warning about the dangers that lie ahead if nothing is done.

How to Think Seriously about the Planet

Why the Human Race May Cause Its Own Extinction and How We Can Stop It

The New Generation of Activists and the Landmark Legal Fight Against Climate Change

Life After Warming

News from a Warming World

Deep Future

Carbon Counter (Collins Gem)

'Mark Lynas is a saint' Sunday Times 'Fluent, persuasive and surely right.' Evening Standard Mark Lynas was one of the original GM field wreckers. Back in the 1990s – working undercover with his colleagues in the environmental movement – he would descend on trial sites of genetically modified crops at night and hack them to pieces. Two decades later, most people around the world – from New York to China – still think that 'GMO' foods are bad for their health or likely to damage the environment. But Mark has changed his mind. This book explains why. In 2013, in a world-famous recantation speech, Mark apologised for having destroyed GM crops. He spent the subsequent years touring Africa and Asia, and working with plant scientists who are using this technology to help smallholder farmers in developing countries cope better with pests, diseases and droughts. This book lifts the lid on the anti-GMO craze and shows how science was left by the wayside as a wave of public hysteria swept the world. Mark takes us back to the origins of the technology and introduces the scientific pioneers who invented it. He explains what led him to question his earlier assumptions about GM food, and talks to both sides of this fractious debate to see what still motivates worldwide opposition today. In the process he asks – and answers – the killer question: how did we all get it so wrong on GMOs? 'An important contribution to an issue with enormous potential for benefiting humanity.' Stephen Pinker 'I warmly recommend it.' Philip Pullman

The environment has long been the undisputed territory of the political Left, which casts international capitalism, consumerism, and the over-exploitation of natural resources as the principle threats to the planet, and sees top-down interventions as the most effective solution. In *How to Think Seriously About the Planet*, Roger Scruton rejects this view and offers a fresh approach to tackling the most important political problem of our time. The environmental movement, he contends, is philosophically confused and has unrealistic agendas. Its sights are directed at the largescale events and the confrontation between international politics and multinational business. But Scruton argues that no large-scale environmental project, however well-intentioned, will succeed if it is not rooted in small-scale practical reasoning. Seeing things on a large scale promotes top-down solutions, managed by unaccountable bureaucracies that fail to assess local conditions and are rife with unintended consequences. Scruton argues for the greater efficacy of local initiatives over global schemes, civil association over political activism, and small-scale institutions of friendship over regulatory hyper-vigilance. And he suggests that conservatism is far better suited to solving environmental problems than either liberalism or socialism. Rather than entrusting the environment to unwieldy NGOs and international committees, we must assume personal responsibility and foster local control. People must be empowered to take charge of their environment, to care for it as they would a home, and to involve themselves through the kind of local associations that have been the traditional goal of conservative politics. Our common future is by no means assured, but as Roger Scruton clearly demonstrates in this important book, there is a path that can ensure the future safety of our planet and our species.

"This book offers the most up-to-date examination of climate change's foundational science, implications for our future, and clean energy solutions that can mitigate its effects"--Back cover.

Originally published as *The God Species: How the Planet Can Survive the Age of Humans* The green movement has got it very wrong.

Why a Green Future Needs Nuclear Power

Nuclear 2.0

Six Degrees

The Next 100,000 Years of Life on Earth

With Speed and Violence

Living in Denial

*The #1 international bestseller on climate change that's been endorsed by policy makers, scientists, writers and energy executives around the world. Tim Flannery's *The Weather Makers* contributed in bringing the topic of global warming to worldwide prominence. For the first time, a scientist provided an accessible and comprehensive account of the history, current status, and future impact of climate change, writing what has been acclaimed by reviewers everywhere as the definitive book on global warming. With one out of every five living things on this planet committed to extinction by the levels of greenhouse gases that will accumulate in the next few decades, we are reaching a global climatic tipping point. *The Weather Makers* is both an urgent warning and a call to arms, outlining the history of climate change, how it will unfold over the next century, and what we can do to prevent a cataclysmic future. Originally somewhat of a global warming skeptic, Tim Flannery spent several years researching the topic and offers a connect-the-dots approach for a reading public who has received patchy or misleading information on the subject. Pulling on his expertise as a scientist to discuss climate change from a historical perspective, Flannery also explains how climate change is interconnected across the planet. This edition includes a new afterword by the author. "An authoritative, scientifically accurate book on global warming that sparkles with life, clarity, and intelligence." —*The Washington Post**

In accessible journalistic prose, author Lynas distills what environmental scientists predict about the consequences of human

pollution for the next hundred years, degree by degree. At 1 degree Celsius, most coral reefs and many mountain glaciers will bel

This book must not be ignored. It really is our final warning. Mark Lynas delivers a vital account of the future of our earth, and our civilisation, if current rates of global warming persist. And it's only looking worse.

"We humans are the god species, both the creators and destroyers of life. In this groundbreaking new book, Mark Lynas shows us how we must use our technological mastery over nature to save the planet from ourselves."--P. [4] of jacket.

The God Species

The Individual's Guide to Stopping Climate Change

Our Final Warning: Six Degrees of Climate Emergency

Why Our Brains Are Wired to Ignore Climate Change

How To Save Our Planet