

The God Species Mark Lynas

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Six Degrees: the 2020 Report HarperCollins UK
"Some of the material in this book appeared previously, in a different form, in the journal Nature"--T.p. verso.

Science Left Behind National Geographic Books

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 belost. 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.

HarperCollins UK

'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

Unseen City National Geographic Books

Mark Lynas delivers an alarming account of the future of our earth and our civilisation if current rates of global warming persist. We are living in a climate emergency. But how much worse could it get?

Collapse Random House

Tyler Cowen 's controversial New York Times bestseller—the book heard round the world that ignited a firestorm of debate and redefined the nature of America 's economic malaise. America has been through the biggest financial crisis since the great Depression, unemployment numbers are frightening, media wages have been flat since the 1970s, and it is common to expect that things will get worse before they get better. Certainly, the multidecade stagnation is not yet over. How will we get out of this mess? One political party tries to increase government spending even when we have no good plan for paying for ballooning

programs like Medicare and Social Security. The other party seems to think tax cuts will raise revenue and has a record of creating bigger fiscal disasters than the first. Where does this madness come from? As Cowen argues, our economy has enjoyed low-hanging fruit since the seventeenth century: free land, immigrant labor, and powerful new technologies. But during the last forty years, the low-hanging fruit started disappearing, and we started pretending it was still there. We have failed to recognize that we are at a technological plateau. The fruit trees are barer than we want to believe. That's it. That is what has gone wrong and that is why our politics is crazy. In The Great Stagnation, Cowen reveals the underlying causes of our past prosperity and how we will generate it again. This is a passionate call for a new respect of scientific innovations that benefit not only the powerful elites, but humanity as a whole.

Material And Energy Balances For Engineers And

Environmentalists U of Minnesota Press

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.

The Wild and the Wicked HarperPerennial

#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 End of Man Crown

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.

Seeds of Science Rodale Books

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.

High Tide: How Climate Crisis is Engulfing Our Planet HarperPerennial Economic growth, progress, industry and, erm, stuff have all come in for a sharp kicking from the green left and beyond in recent years. Everyone from black-hoodied Starbucks window-smashers to farmers' market heirloom-tomato-mongers to Prince Charles himself seem to be embracing 'degrowth' and anti-consumerism, which is nothing less than a form of ecological austerity. Meanwhile, the back-to-the-land ideology and aesthetic of locally-woven organic carrot-pants, pathogen-encrusted compost toilets and civilisational collapse is hegemonic. Yet modernity is not the cause of climate change and the wider biocrisis. It is indeed capitalism that is the source of our environmental woes, but capitalism as a mode of production, not the fuzzy understanding of capitalism of Naomi Klein, Bill McKibben, Derrick Jensen, Paul Kingsnorth and their anarcho-liberal epigones as a sort of globalist corporate malfeasance. In combative and puckish style, science journalist Leigh Phillips marshals evidence from climate science, ecology, paleoanthropology, agronomy, microbiology, psychology, history, the philosophy of mathematics, and heterodox economics to argue that progressives must rediscover their historic, Promethean ambitions and counter this reactionary neo-Malthusian ideology that not only retards human flourishing, but won't save the planet anyway. We want to take over the machine and run it rationally, not turn the machine off.

The Climate Majority The God Species

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.

The God Species Penguin

'After Mark Cocker’s glorious book, you will never look at a blackberry bush the same way again.' Philip Hoare, New Statesman In 2001 Mark Cocker moved to Claxton, a small village in Norfolk. In a series of daily writings spanning the course of a year he explores his relationship to the landscape he lives in, to nature and to all the living things around him - the birds, plants, trees, mammals, hoverflies, moths, butterflies, bush crickets, grasshoppers, ants and bumblebees.

Passionate, astonishing and inspiring, this book is a celebration of the wonder that lies in our everyday experience. Shortlisted for the Royal Society of Biology Book Award, the Jarrold East Anglian Book Awards, the New Angle Prize and the Thwaites Wainwright Prize

Allegories of the Anthropocene HarperCollins UK

From the author of Guns, Germs and Steel, Jared Diamond's Collapse: How Societies Choose to Fail or Survive is a visionary study of the mysterious downfall of past civilizations. Now in a revised edition with a new afterword, Jared Diamond's Collapse uncovers the secret behind why some societies flourish, while others founder - and what this means for our future. What happened to the people who made the forlorn long-abandoned statues of Easter Island? What happened to the architects of the crumbling Maya pyramids? Will we go the same way, our skyscrapers one day standing derelict and overgrown like the temples at Angkor Wat? Bringing together new evidence from a startling range of sources and piecing together the myriad influences, from climate to culture, that make societies self-destruct, Jared Diamond's Collapse also shows how - unlike our ancestors - we can benefit from our knowledge of the past and learn to be survivors. 'A grand sweep from a master storyteller of the human race' - Daily Mail 'Riveting, superb, terrifying' - Observer 'Gripping ... the book fulfils its huge ambition, and Diamond is the only man who could have written it' - Economist 'This book shines like all Diamond's work' - Sunday Times

Our Final Warning: Six Degrees of Climate Emergency Bloomsbury Publishing USA

In Abundant Earth, Eileen Crist not only documents the rising tide of

biodiversity loss, but also lays out the drivers of this wholesale destruction and how we can push past them. Looking beyond the familiar litany of causes—a large and growing human population, rising livestock numbers, expanding economies and international trade, and spreading infrastructures and incursions upon wildlands—she asks the key question: if we know human expansionism is to blame for this ecological crisis, why are we not taking the needed steps to halt our expansionism? Crist argues that to do so would require a two-pronged approach. Scaling down calls upon us to lower the global human population while working within a human-rights framework, to deindustrialize food production, and to localize economies and contract global trade. Pulling back calls upon us to free, restore, reconnect, and rewild vast terrestrial and marine ecosystems. However, the pervasive worldview of human supremacy—the conviction that humans are superior to all other life-forms and entitled to use these life-forms and their habitats—normalizes and promotes humanity ’ s ongoing expansion, undermining our ability to enact these linked strategies and preempt the mounting suffering and dislocation of both humans and nonhumans. Abundant Earth urges us to confront the reality that humanity will not advance by entrenching its domination over the biosphere. On the contrary, we will stagnate in the identity of nature-colonizer and decline into conflict as we vie for natural resources. Instead, we must chart another course, choosing to live in fellowship within the vibrant ecologies of our wild and domestic cohorts, and enfolding human inhabitation within the rich expanse of a biodiverse, living planet.

Six Degrees Macmillan

The Earth has reached a tipping point. Runaway climate change, the sixth great extinction of planetary life, the acidification of the oceans—all point toward an era of unprecedented turbulence in humanity ’ s relationship within the web of life. But just what is that relationship, and how do we make sense of this extraordinary transition? Anthropocene or Capitalocene? offers answers to these questions from a dynamic group of leading critical scholars. They challenge the theory and history offered by the most significant environmental concept of our times: the Anthropocene. But are we living in the Anthropocene, literally the “ Age of Man ” ? Is a different response more compelling, and better suited to the strange—and often terrifying—times in which we live? The contributors to this book diagnose the problems of Anthropocene thinking and propose an alternative: the global crises of the twenty-first century are rooted in the Capitalocene, the Age of Capital. Anthropocene or Capitalocene? offers a series of provocative essays on nature and power, humanity, and capitalism. Including both well-established voices and younger scholars, the book challenges the conventional practice of dividing historical change and contemporary reality into “ Nature ” and “ Society, ” demonstrating the possibilities offered by a more nuanced and connective view of human environment-making, joined at every step with and within the biosphere. In distinct registers, the authors frame their discussions within a politics of hope that signal the possibilities for transcending capitalism, broadly understood as a “ world-ecology ” that joins nature, capital, and power as a historically evolving whole. Contributors include Jason W. Moore, Eileen Crist, Donna J. Haraway, Justin McBrien, Elmar Altvater, Daniel Hartley, and Christian Parenti.

The Geek Manifesto Random House

'High Tide' shows how global warming is not something whose existence we should still debate, but something that has already happened. The author takes us round the world to explain how climatic change has had a tangible effect on people's lives. The God Species: How Humans Really Can Save the Planet... MIT Press 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. Rambunctious Garden PM Press "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. Don't Even Think About It Fourth Estate Why is the North East the most distinctive region of England? Where do the stereotypes about North Easterners come from, and why are they so often misunderstood? In this wideranging new history of the people of North East England, Dan Jackson explores the deep roots of Northumbrian culture--hard work and heavy drinking, sociability and sentimentality, militarism and masculinity--in centuries of border warfare and dangerous and demanding work in industry, at sea and underground. He explains how the landscape and architecture of the North East explains so much about the people who have lived there, and how a 'Northumbrian Enlightenment' emerged from this most literate part of England, leading to a catalogue of inventions that changed the world, from the locomotive to the lightbulb. Jackson's Northumbrian journey reaches right to the present day, as this remarkable region finds itself caught between an indifferent south and a newly assertive Scotland. Covering everything from the Venerable Bede and the prince-bishops of Durham to Viz and Geordie Shore, this vital new history makes sense of a part of England facing an uncertain future, but whose people remain as distinctive as ever. The God Species HarperCollins UK We live on an increasingly human-dominated planet. Our impact on the Earth has become so huge that researchers now suggest that it merits its own geological epoch - the 'Anthropocene' - the age of humans. Combining theory development and case s