
Drawdown The Most Comprehensive Plan Ever Propose

The Next Economy
 Matter of Life and Death
 Beauty and the Beast
 The Ecology of Commerce
 An Inconvenient Sequel: Truth to Power
 What We Think About When We Try Not To Think About Global Warming
 The Natural Step for Business
 A Bright Future
 Climate of Hope
 After Cooling
 Speed & Scale
 Building Back Better: How Big Are Green Spending Multipliers?
 The New Corporate Climate Leadership
 How to Prepare for Climate Change
 Growing a Business
 Storms of My Grandchildren
 How To Save Our Planet
 Climate Change Impact on Livestock: Adaptation and Mitigation
 The Story of More
 Don't Even Think About It
 Windfall
 Between God & Green
 Full Ecology: Repairing Our Relationship with the Natural World
 Global Weirdness
 All We Can Save
 Drawdown
 Unintended Consequences
 A Good War
 Blessed Unrest
 Solved
 How to Avoid a Climate Disaster
 Build Beyond Zero
 Designing Climate Solutions
 The 100% Solution
 Kiss the Ground
 Overshoot
 Regeneration
 What Can I Do?
 Structural Glass Facades and Enclosures
 The Palgrave Handbook of Environmental Labour Studies

*Drawdown The Most Comprehensive
Plan Ever Propose*

Downloaded from ftp.bonide.com by
guest

INGRID NUNEZ

The Next Economy New Society Publishers
 "If you care about climate change, John Doerr's new book, *Speed & Scale*, offers concrete steps that we can all take to make a difference." - Barack Obama With clear-eyed realism and an engineer's precision, Doerr lays out the practical actions, global ambitions, and economic investments we need to avert climate catastrophe. Guided by real-world solutions, *Speed & Scale* features unprecedented, firsthand accounts from climate leaders such as Laurene Powell Jobs, Christiana Figueres, Al Gore, Mary Barra, John Kerry, and dozens of other intrepid policymakers, innovators, and scientists. In *Speed & Scale*, Doerr presents a compelling 10-step plan to cut greenhouse gas emissions to net zero by 2050—the global goal we need to reach to ensure a livable Earth for generations to come. From electrifying our energy grid to fixing our global food supply chain to capturing carbon from the air, *Speed & Scale* contains practical solutions for policymakers and entrepreneurs alike. As the world confronts an

urgent climate crisis, Doerr reminds us that it is also the greatest economic opportunity of our lifetimes. Whether you're a climate scientist or someone striving to make a difference in your local community, this book will help you to activate the sustainable solutions the world urgently needs. Praise for *Speed & Scale*: "Everybody should get *Speed & Scale* by John Doerr." - Meryl Streep "A practical guide for participation in decarbonizing the global economy, a task as challenging as it is urgent." - Christiana Figueres

Matter of Life and Death St. Martin's Press

#1 NEW YORK TIMES BEST SELLER • In this urgent, authoritative book, Bill Gates sets out a wide-ranging, practical—and accessible—plan for how the world can get to zero greenhouse gas emissions in time to avoid a climate catastrophe. Bill Gates has spent a decade investigating the causes and effects of climate change. With the help of experts in the fields of physics, chemistry, biology, engineering, political science, and finance, he has focused on what must be done in order to stop the planet's slide to certain environmental disaster. In this book, he not only explains why we need to work toward net-zero emissions of greenhouse gases, but also details what we need to do to achieve

this profoundly important goal. He gives us a clear-eyed description of the challenges we face. Drawing on his understanding of innovation and what it takes to get new ideas into the market, he describes the areas in which technology is already helping to reduce emissions, where and how the current technology can be made to function more effectively, where breakthrough technologies are needed, and who is working on these essential innovations. Finally, he lays out a concrete, practical plan for achieving the goal of zero emissions—suggesting not only policies that governments should adopt, but what we as individuals can do to keep our government, our employers, and ourselves accountable in this crucial enterprise. As Bill Gates makes clear, achieving zero emissions will not be simple or easy to do, but if we follow the plan he sets out here, it is a goal firmly within our reach.

Beauty and the Beast University of Toronto Press

Outlines a series of economic strategies for business that will reverse global environmental and social degradation.

The Ecology of Commerce Penguin

Our day-to-day experiences over the past decade have taught us that there must be limits to our tremendous appetite for energy, natural resources, and consumer goods. Even utility and oil companies now promote conservation in the face of demands for dwindling energy reserves. And for years some biologists have warned us of the direct correlation between scarcity and population growth. These scientists see an appalling future riding the tidal wave of a worldwide growth of population and technology. A calm but unflinching realist, Catton suggests that we cannot stop this wave - for we have already overshot the Earth's capacity to support so huge a load. He contradicts those scientists, engineers, and technocrats who continue to write optimistically about energy alternatives. Catton asserts that the technological panaceas proposed by those who would harvest from the seas, harness the winds, and farm the deserts are ignoring the fundamental premise that "the principals of ecology apply to all living things." These principles tell us that, within a finite system, economic expansion is not irreversible and population growth cannot continue indefinitely. If we disregard these facts, our sagging American Dream will soon shatter completely.

An Inconvenient Sequel: Truth to Power Melville House

This "ambitious [and] delightful" (The New York Times) work of literary nonfiction interweaves the science and history of the powerful refrigerant (and dangerous greenhouse gas) Freon with a haunting meditation on how to live meaningfully and morally in a rapidly heating world. In *After Cooling*, Eric Dean Wilson braids together air-conditioning history, climate science, road trips, and philosophy to tell the story of the birth, life, and afterlife of Freon, the refrigerant that ripped a hole larger than the continental United States in the ozone layer. As he traces the refrigerant's life span from its invention in the 1920s—when it was hailed as a miracle of scientific progress—to efforts in the 1980s to ban the chemical (and the resulting political backlash), Wilson finds himself on a journey through the American heartland, trailing a man who buys up old tanks of Freon stockpiled in attics and basements to destroy what remains of the chemical before it can do further harm. Wilson is at heart an essayist, looking far and wide to tease out what particular forces in American culture—in capitalism, in systemic racism, in our values—combined to lead us into the Freon crisis and then out. "Meticulously researched and engagingly written" (Amitav Ghosh), this "knockout debut" (New York Journal of Books) offers a rare glimpse of environmental hope, suggesting that maybe the vast and terrifying problem of global warming is not beyond our grasp to face.

What We Think About When We Try Not To Think About Global Warming Simon and Schuster

Despite three decades of scientists' warnings and environmentalists' best efforts, the political will and public engagement necessary to fuel robust action on global climate change remain in short supply. Katharine K. Wilkinson shows that, contrary to popular expectations, faith-based efforts are emerging and strengthening to address this problem. In the US, perhaps none is more significant than evangelical climate care. Drawing on extensive focus group and textual research and interviews, *Between God & Green* explores the phenomenon of climate care, from its historical roots and theological grounding to its visionary leaders and advocacy initiatives. Wilkinson examines the movement's reception within the broader evangelical community, from pew to pulpit. She shows that by engaging with climate change as a matter of private faith and public life, leaders of the movement challenge traditional boundaries of the evangelical agenda, partisan politics, and established alliances and hostilities. These leaders view sea-level rise as a moral calamity, lobby for legislation written on both sides of the aisle, and partner with atheist scientists. Wilkinson reveals how evangelical environmentalists are reshaping not only the landscape of American climate action, but the contours of their own religious community. Though the movement faces complex challenges, climate care leaders continue to leverage evangelicalism's size, dominance, cultural position, ethical resources, and mechanisms of communication to further their cause to bridge God and green.

The Natural Step for Business One World

The inspiration for *Nuclear Now*, the new Oliver Stone film, co-written by Joshua Goldstein As climate change quickly approaches a series of turning points that guarantee disastrous outcomes, a solution is hiding in plain sight. Several countries have already replaced fossil fuels with low-carbon energy sources, and done so rapidly, in one to two decades. By following their methods, we could decarbonize the global economy by midcentury, replacing fossil fuels even while world energy use continues to rise. But so far we have lacked the courage to really try. In this clear-sighted and compelling book, Joshua Goldstein and Staffan Qvist explain how clean energy quickly replaced fossil fuels in such places as Sweden, France, South Korea, and Ontario. Their people enjoyed prosperity and growing energy use in harmony with the natural environment. They didn't do this through personal sacrifice, nor through 100 percent renewables, but by using them in combination with an energy source the Swedes call *kraft*, hundreds of times safer and cleaner than coal. Clearly written and beautifully illustrated, yet footnoted with extensive technical references, Goldstein and Qvist's book will provide a new touchstone in discussions of climate change. It could spark a shift in world energy policy that, in the words of Steven Pinker's foreword, literally saves the world.

A Bright Future Harper Collins

"Net Zero" has been an effective rallying cry for the green building movement, signaling a goal of having every building generate at least as much energy as it uses. Enormous strides have been made in improving the performance of every type of new building, and even more importantly, renovating the vast and energy-inefficient collection of existing buildings in every country. If we can get every building to net-zero energy use in the next few decades, it will be a huge success, but it will not be enough. In *Build Beyond Zero*, carbon pioneers Bruce King and Chris Magwood re-envision buildings as one of our most practical and affordable climate solutions instead of leading drivers of climate change. They provide a snapshot of a beginning and map towards a carbon-smart built environment that acts as a CO2

filter. Professional engineers, designers, and developers are invited to imagine the very real potential for our built environment to be a site of net carbon storage, a massive drawdown pool that could help to heal our climate. The authors, with the help of other industry experts, show the importance of examining what components of an efficient building (from windows to solar photovoltaics) are made with, and how the supply chains deliver all those products and materials to a jobsite. *Build Beyond Zero* looks at the good and the bad of how we track carbon (Life Cycle Assessment), then takes a deep dive into materials (with a focus on steel and concrete) and biological architecture, and wraps up with education, policy and governance, circular economy, and where we go in the next three decades. In *Build Beyond Zero*, King and Magwood show how buildings are culprits but stand poised to act as climate healers. They offer an exciting vision of climate-friendly architecture, along with practical advice for professionals working to address the carbon footprint of our built environment.

Climate of Hope ECW Press

The 2016 election left many people who are concerned about the environment fearful that progress on climate change would come screeching to a halt. But not Michael Bloomberg and Carl Pope. They approach climate change from different perspectives, yet they arrive at similar conclusions: without agreeing on every point, they share a belief that cities, businesses, and citizens can lead and win the battle against climate change, no matter which way the political winds in Washington may shift. In *Climate of Hope*, Bloomberg and Pope offer an optimistic look at the challenge of climate change, the solutions they believe hold the greatest promise, and the practical steps that are necessary to achieve them. Writing from their own experiences, and sharing their own stories from government, business, and advocacy, Bloomberg and Pope provide a road map for tackling the most complicated challenge the world has ever faced. Along the way, they turn the usual way of thinking about climate change on its head: from top down to bottom up, from partisan to pragmatic, from costs to benefits, from tomorrow to today, and from fear to hope. Bloomberg and Pope explore climate change solutions that will make the world healthier and more prosperous. They aim to begin a new type of conversation on the issue that will spur bolder action by cities, businesses, and citizens - and even, someday, by Washington.

After Cooling Simon and Schuster

"At last--a global plan that actually adds up."--James Hansen, former director, NASA Goddard Institute for Space Studies The world must reach negative greenhouse gas emissions by 2050 to avoid the most catastrophic effects of climate change. Yet no single plan has addressed the full scope of the problem--until now. In *The 100% Solution*, Solomon Goldstein-Rose--a leading millennial climate activist and a former Massachusetts state representative--makes clear what needs to happen to hit the 2050 target: the manufacturing booms we must spur, the moonshot projects we must fund, the amount of CO₂ we'll have to sequester from the atmosphere, and much more. Most importantly, he shows us the more prosperous and equitable world we can build by uniting the efforts of activists, industries, governments, scientists, and voters to get the job done. This is the guide we've been waiting for. As calls for a WWII-scale mobilization intensify--especially among youth activists--this fully illustrated, action-oriented book arms us with specific demands, sets the stakes for what our leaders must achieve, and proves that with this level of comprehensive thinking we can still take back our future.

Speed & Scale Oxford University Press

In this comprehensive Handbook, scholars from across the globe

explore the relationships between workers and nature in the context of the environmental crises. They provide an invaluable overview of a fast-growing research field that bridges the social and natural sciences. Chapters provide detailed perspectives of environmental labour studies, environmental struggles of workers, indigenous peoples, farmers and commoners in the Global South and North. The relations within and between organisations that hinder or promote environmental strategies are analysed, including the relations between workers and environmental organisations, NGOs, feminist and community movements.

Building Back Better: How Big Are Green Spending Multipliers? Simon & Schuster

This paper provides estimates of output multipliers for spending in clean energy and biodiversity conservation, as well as for spending on non-ecofriendly energy and land use activities. Using a new international dataset, we find that every dollar spent on key carbon-neutral or carbon-sink activities can generate more than a dollar's worth of economic activity. Although not all green and non-ecofriendly expenditures in the dataset are strictly comparable due to data limitations, estimated multipliers associated with spending on renewable and fossil fuel energy investment are comparable, and the former (1.1-1.5) are larger than the latter (0.5-0.6) with over 90 percent probability. These findings survive several robustness checks and lend support to bottom-up analyses arguing that stabilizing climate and reversing biodiversity loss are not at odds with continuing economic advances.

The New Corporate Climate Leadership Vintage

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.

How to Prepare for Climate Change International Monetary Fund

_____ 'When the history of the climate crisis is written,

Hansen will be seen as the scientist with the most powerful and consistent voice calling for intelligent action to preserve our planet's environment' - Al Gore 'Few people know more about climate change than James Hansen ... This unnerving and fluently written book is the definitive one to read' - BBC Wildlife 'Anyone concerned about the world our children and grandchildren must inherit owes it to themselves to read this book' - Irish Times

_____ An urgent and provocative call to action from the world's leading climate scientist Dr James Hansen, the world's leading scientist on climate issues, speaks out 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. _____ 'James Hansen gives us the opportunity to watch a scientist who is sick of silence and compromise; a scientist at the breaking point - the point at which he is willing to sacrifice his credibility to make a stand to avert disaster' - LA Times

Growing a Business Vintage

The Natural Step for Business examines how four very successful "evolutionary" corporations in Sweden and the United States - including IKEA and Scandic Hotels in Sweden, and Collins Pine and Interface in the U.S. - are positioning themselves for long-term competitiveness using The Natural Step as a central part of their corporate strategy. Natrass and Altomare puncture the myth that a company must choose between profitability and care for the natural environment, and present a timely and practical application of this exciting model for global sustainability.

Storms of My Grandchildren Bloomsbury Publishing USA

This volume addresses in detail both livestock's role in climate change and the impacts of climate change on livestock production and reproduction. Apart from these cardinal principles of climate change and livestock production, this volume also examines the various strategies used to mitigate livestock-related GHG emissions, and those which can reduce the impacts of climate change on livestock production and reproduction. Presenting information and case studies collected and analyzed by professionals working in diversified ecological zones, the book explores the influence of climate change on livestock production across the globe. The most significant feature of this book is that it addresses in detail the different adaptation strategies and identifies targets for different stakeholders in connection with climate change and livestock production. Further, it puts forward development plans that will allow the livestock industries to cope with current climate changes and strategies that will mitigate the effects by 2025. Lastly, it provides researchers and policymakers several researchable priorities to help develop economically viable solutions for livestock production with less GHG emissions, promoting a cleaner environment in which human beings and livestock can live in harmony without adverse effects on productivity. Given that livestock production systems are sensitive to climate change and at the same are themselves a contributor to the phenomenon, climate change has the potential to pose an increasingly formidable challenge to the development of the livestock sector. However, there is a dearth of scientific information on adapting livestock production to the changing climate; as such, well-founded reference material on sustaining livestock production systems under the changing climate scenarios in different agro-ecological zones of the world is essential. By methodically and extensively addressing all aspects

of climate change and livestock production, this volume offers a valuable tool for understanding the hidden intricacies of climatic stress and its influence on livestock production.

How To Save Our Planet Chelsea Green Publishing

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.

[Climate Change Impact on Livestock: Adaptation and Mitigation](#)
Penguin

A radically new understanding of and practical approach to climate change by noted environmentalist Paul Hawken, creator of the New York Times bestseller *Drawdown* Regeneration offers a visionary new approach to climate change, one that weaves justice, climate, biodiversity, equity, and human dignity into a seamless tapestry of action, policy, and transformation that can end the climate crisis in one generation. It is the first book to describe and define the burgeoning regeneration movement spreading rapidly throughout the world. Regeneration describes how an inclusive movement can engage the majority of humanity to save the world from the threat of global warming, with climate solutions that directly serve our children, the poor, and the excluded. This means we must address current human needs, not future existential threats, real as they are, with initiatives that include but go well beyond solar, electric vehicles, and tree planting to include such solutions as the fifteen-minute city, bioregions, azolla fern, food localization, fire ecology, decommodification, forests as farms, and the number one solution for the world: electrifying everything. Paul Hawken and the nonprofit Regeneration Organization are launching a series of initiatives to accompany the book, including a streaming video series, curriculum, podcasts, teaching videos, and climate action software. Regeneration is the inspiring and necessary guide to inform the rapidly spreading climate movement.

The Story of More Springer Nature

"This is the roadmap out of climate crisis that Canadians have been waiting for." — Naomi Klein, activist and New York Times bestselling author of *This Changes Everything* and *The Shock*

Doctrine • One of Canada's top policy analysts provides the first full-scale blueprint for meeting our climate change commitments

- Contains the results of a national poll on Canadians' attitudes to the climate crisis
- Shows that radical transformative climate action can be done, while producing jobs and reducing inequality as we retool how we live and work.
- Deeply researched and targeted specifically to Canada and Canadians while providing a model that other countries could follow

Canada needs to reduce its greenhouse gas emissions by 50% to prevent a catastrophic 1.5 degree increase in the earth's average temperature — assumed by many scientists to be a critical "danger line" for the planet and human life as we know it. It's 2020, and Canada is not on track to meet our targets. To do so, we'll need radical systemic change to how we live and work—and fast. How can we ever achieve this? Top policy analyst and author Seth Klein reveals we can do it now because we've done it before. During the Second World War, Canadian citizens and government remade the economy by retooling factories, transforming their workforce, and making the war effort a common cause for all Canadians to contribute to. Klein demonstrates how wartime thinking and community efforts can be repurposed today for Canada's own Green New Deal. He shares how we can create jobs and reduce inequality while tackling our climate obligations for a climate neutral—or even climate zero—future. From enlisting broad public support for new economic models, to job creation through investment in green infrastructure, Klein shows us a bold, practical policy plan for Canada's sustainable future. More than this: *A Good War* offers a remarkably hopeful message

for how we can meet the defining challenge of our lives. COVID-19 has brought a previously unthinkable pace of change to the world—one which demonstrates our ability to adapt rapidly when we're at risk. Many recent changes are what Klein proposes in these very pages. The world can, actually, turn on a dime if necessary. This is the blueprint for how to do it.

Don't Even Think About It PublicAffairs

One of the world's most influential environmentalists reveals a worldwide grassroots movement of hope and humanity. Blessed Unrest tells the story of a worldwide movement that is largely unseen by politicians or the media. Hawken, an environmentalist and author, has spent more than a decade researching organizations dedicated to restoring the environment and fostering social justice. From billion-dollar nonprofits to single-person causes, these organizations collectively comprise the largest movement on earth. This is a movement that has no name, leader, or location, but is in every city, town, and culture. It is organizing from the bottom up and is emerging as an extraordinary and creative expression of people's needs worldwide. Blessed Unrest explores the diversity of this movement, its brilliant ideas, innovative strategies, and centuries-old history. The culmination of Hawken's many years of leadership in these fields, it will inspire, surprise, and delight anyone who is worried about the direction the modern world is headed. Blessed Unrest is a description of humanity's collective genius and the unstoppable movement to re-imagine our relationship to the environment and one another. Like Hawken's previous books, *Blessed Unrest* will become a classic in its field—a touchstone for anyone concerned about our future.