

# The Moral Case For Fossil Fuels

**The Moral Case for Fossil Fuels** **The Moral Case for Fossil Fuels** **The Moral Case for Fossil Fuels** **The Moral Case for Fossil Fuels, Revised Edition** *Summary of The Moral Case for Fossil Fuels – [Review Keypoints and Take-aways]* **Ending Fossil Fuels** **Fossil Future** **The Palgrave Handbook of Managing Fossil Fuels and Energy Transitions** **Climate Justice Burn Out** *Fossil Fuel Hydrogen Global Chemical Kinetics of Fossil Fuels* **Public Responses to Fossil Fuel Export** *The Politics of Fossil Fuel Subsidies and Their Reform* **Activism and the Fossil Fuel Industry** **Fossil Free Fuels** *Archaeopteryx, the Primordial Bird* **White Skin, Black Fuel Sustainable Fossil Fuels** **National Air Pollutant Emission Trends** **Life After Fossil Fuels** **Summary of Alex Epstein's The Moral Case for Fossil Fuels** *Beyond Fossil Law* *OECD Companion to the Inventory of Support Measures for Fossil Fuels 2015* **Fossil Fuel Subsidy Reform** *The Economisation of Climate Change* *The New Climate War* **Global Energy** **Energy Humanities** **Burning Up False Alarm** **Energy, the Master Resource** **Fossil Free** *Fueling Freedom* *Eating Fossil Fuels* **Smaller Faster Lighter Denser Cheaper** **The Green New Deal** **OECD Companion to the Inventory of Support Measures for Fossil Fuels 2021** **The First Fossil Hunters** *The Strange Case of the Ricketty Cossack* *The End of Fossil Fuel Insanity*

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### **National Air Pollutant Emission Trends Apr 15 2021**

*Fueling Freedom* Jan 31 2020 Fossil fuel energy is the lifeblood of the modern world. Before the Industrial Revolution, humanity depended on burning wood and candle wax. But with the ability to harness the energy in oil and other fossil fuels, quality of life and capacity for progress increased exponentially. Thanks to incredible innovations in the energy industry, fossil fuels are as promising, safe, and clean an energy resource as has ever existed in history. Yet, highly politicized climate policies are pushing a grand-scale shift to unreliable, impractical, incredibly expensive, and far less efficient energy sources. Today, "fossil fuel" has become such a dirty word that even fossil fuel companies feel compelled to apologize for their products. In *Fueling Freedom*, energy experts Stephen Moore and Kathleen Hartnett White make an unapologetic case for fossil fuels, turning around progressives' protestations to prove that if fossil fuel energy is supplanted by "green" alternatives for political reasons,

humanity will take a giant step backwards and the planet will be less safe, less clean, and less free.

**The Palgrave Handbook of Managing Fossil Fuels and Energy Transitions** Apr 27 2022 This Handbook is the first volume to comprehensively analyse and problem-solve how to manage the decline of fossil fuels as the world tackles climate change and shifts towards a low-carbon energy transition. The overall findings are straight-forward and unsurprising: although fossil fuels have powered the industrialisation of many nations and improved the lives of hundreds of millions of people, another century dominated by fossil fuels would be disastrous. Fossil fuels and associated greenhouse gas emissions must be reduced to a level that avoids rising temperatures and rising risks in support of a just and sustainable energy transition. Divided into four sections and 25 contributions from global leading experts, the chapters span a wide range of energy technologies and sources including fossil fuels, carbon mitigation options, renewables, low carbon energy, energy storage, electric vehicles and energy sectors (electricity, heat and transport). They cover varied legal jurisdictions and multiple governance approaches encompassing multi- and inter-disciplinary technological, environmental, social, economic, political, legal and policy perspectives with timely case studies from Africa, Asia, Australia, Europe, North America, South America and the Pacific. Providing an insightful contribution to the literature and a much-needed synthesis of the field as a whole, this book will have great appeal to decision makers, practitioners, students and scholars in the field of energy transition studies seeking a comprehensive understanding of the opportunities and challenges in managing the decline of fossil fuels.

**False Alarm** May 05 2020 The New York Times-best-selling "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.

**Ending Fossil Fuels** Jun 29 2022 Ending the fossil fuel industry is the only credible path for climate policy Around the world, countries and companies are setting net-zero carbon emissions targets. But what will it mean if those targets are achieved? One possibility is that fossil fuel companies will continue to produce billions of tons of atmospheric CO<sub>2</sub> while relying on a symbiotic industry to scrub the air clean. Focusing on emissions draws our attention away from the real problem: the point of production. The fossil fuel industry must come to an end but will not depart willingly; governments must intervene. By embracing a politics of rural-urban coalitions and platform governance, climate advocates can build the political power needed to nationalize the fossil fuel industry and use its resources to draw carbon out of the atmosphere.

*Fossil Fuel Hydrogen* Jan 25 2022 As the case for Climate

Change mitigation becomes ever more pressing, hydrogen has the potential to play a major role in a low-carbon energy future. Hydrogen can drive the vehicles of tomorrow and also heat homes and supply energy to businesses. Much recent discussion in energy policy circles has considered ways in which greatly expanded electrification can meet the demand for low-carbon mobility and heating. Such narratives centre on the widespread use of renewable energy sources with occasionally surplus renewable electricity being used to produce hydrogen, for example by electrolysis. While such developments have a beneficial role to play, this book focuses on an alternative paradigm. This book considers a more evolutionary path involving the continued extraction and use of fossil fuels, most notably natural gas, but in ways that greatly reduce greenhouse gas emissions. In this way much established industrial capacity and know how might be transitioned to help deliver the low carbon future that the world so desperately requires. Presenting up-to-date energy policy recommendations with a focus on hydrogen from fossil fuels, the book will be of considerable interest to policymakers and energy researchers in academia, industry and government labs, while also offering a valuable reference guide for business developers in low-carbon energy, and for oil and gas industry analysts.

**OECD Companion to the Inventory of Support Measures for Fossil Fuels 2021** Sep 28 2019

**Activism and the Fossil Fuel Industry** Sep 20 2021 In less than a decade, activism against the fossil fuel industry has exploded across the globe. While environmentalists used to focus on legislative goals, such as carbon emissions trading or renewable energy policies, today the most prominent activists directly attack the fossil fuel industry. This timely book offers a comprehensive evaluation of different types of activism, the

success and impact of campaigns and activities, and suggestions as to ways forward. This book is the first systematic treatment of the anti-fossil fuel movement in the United States. An accessible and readable text, it is an essential reference for scholars, policymakers, activists, and citizens interested in climate change, fossil fuels, and environmental sustainability. The entire book or chapters from it can be used as required or supplementary material in various courses at the undergraduate and graduate level. As the book is not technically challenging but contains a comprehensive review of climate change, fossil fuels, and the literature on environmental activism, it can be used as an accessible introduction to the anti-fossil fuel campaign across disciplines.

**Burning Up** Jun 05 2020 Coal, gas and oil have been capitalism's main fuels since the industrial revolution. And yet, of all the fossil fuels ever consumed, more than half were burned in the last 50 years. Most alarming of all, fossil fuel consumption has grown fastest in the last three decades, since scientists confirmed that it is the main cause of potentially devastating global warming. In *Burning Up*, Simon Pirani recounts the history of fossil fuels' relentless rise since the mid twentieth century. Dispelling explanations foregrounding Western consumerism, and arguments that population growth is the main problem, Pirani shows how fossil fuels are consumed through technological, social and economic systems, and that these systems must change. This is a major contribution to understanding the greatest crisis of our time.

*The Economisation of Climate Change* Oct 10 2020 Discusses how G20, IMF and OECD have addressed climate finance and fossil fuel subsidies, including consequences for climate politics.

*The First Fossil Hunters* Aug 27 2019 Griffins, Centaurs, Cyclopes, and Giants—these fabulous creatures of classical

mythology continue to live in the modern imagination through the vivid accounts that have come down to us from the ancient Greeks and Romans. But what if these beings were more than merely fictions? What if monstrous creatures once roamed the earth in the very places where their legends first arose? This is the arresting and original thesis that Adrienne Mayor explores in *The First Fossil Hunters*. Through careful research and meticulous documentation, she convincingly shows that many of the giants and monsters of myth did have a basis in fact—in the enormous bones of long-extinct species that were once abundant in the lands of the Greeks and Romans. As Mayor shows, the Greeks and Romans were well aware that a different breed of creatures once inhabited their lands. They frequently encountered the fossilized bones of these primeval beings, and they developed sophisticated concepts to explain the fossil evidence, concepts that were expressed in mythological stories. The legend of the gold-guarding griffin, for example, sprang from tales first told by Scythian gold-miners, who, passing through the Gobi Desert at the foot of the Altai Mountains, encountered the skeletons of Protoceratops and other dinosaurs that littered the ground. Like their modern counterparts, the ancient fossil hunters collected and measured impressive petrified remains and displayed them in temples and museums; they attempted to reconstruct the appearance of these prehistoric creatures and to explain their extinction. Long thought to be fantasy, the remarkably detailed and perceptive Greek and Roman accounts of giant bone finds were actually based on solid paleontological facts. By reading these neglected narratives for the first time in the light of modern scientific discoveries, Adrienne Mayor illuminates a lost world of ancient paleontology. As Peter Dodson writes in his Foreword, "Paleontologists, classicists, and historians as well as natural

history buffs will read this book with the greatest of delight—surprises abound."

*OECD Companion to the Inventory of Support Measures for Fossil Fuels 2015* Dec 12 2020 This publication is concerned with all policies that directly support the production or consumption of fossil fuels in OECD countries and in a selection of partner economies.

**The Moral Case for Fossil Fuels** Oct 02 2022 Could everything we know about fossil fuels be wrong? For decades, environmentalists have told us that using fossil fuels is a self-destructive addiction that will destroy our planet. Yet at the same time, by every measure of human well-being, from life expectancy to clean water to climate safety, life has been getting better and better. How can this be? The explanation, energy expert Alex Epstein argues in *The Moral Case for Fossil Fuels*, is that we usually hear only one side of the story. We're taught to think only of the negatives of fossil fuels, their risks and side effects, but not their positives—their unique ability to provide cheap, reliable energy for a world of seven billion people. And the moral significance of cheap, reliable energy, Epstein argues, is woefully underrated. Energy is our ability to improve every single aspect of life, whether economic or environmental. If we look at the big picture of fossil fuels compared with the alternatives, the overall impact of using fossil fuels is to make the world a far better place. We are morally obligated to use more fossil fuels for the sake of our economy and our environment. Drawing on original insights and cutting-edge research, Epstein argues that most of what we hear about fossil fuels is a myth. For instance . . . Myth: Fossil fuels are dirty. Truth: The environmental benefits of using fossil fuels far outweigh the risks. Fossil fuels don't take a naturally clean environment and make it dirty; they take a naturally dirty

environment and make it clean. They don't take a naturally safe climate and make it dangerous; they take a naturally dangerous climate and make it ever safer. Myth: Fossil fuels are unsustainable, so we should strive to use "renewable" solar and wind. Truth: The sun and wind are intermittent, unreliable fuels that always need backup from a reliable source of energy—usually fossil fuels. There are huge amounts of fossil fuels left, and we have plenty of time to find something cheaper. Myth: Fossil fuels are hurting the developing world. Truth: Fossil fuels are the key to improving the quality of life for billions of people in the developing world. If we withhold them, access to clean water plummets, critical medical machines like incubators become impossible to operate, and life expectancy drops significantly. Calls to "get off fossil fuels" are calls to degrade the lives of innocent people who merely want the same opportunities we enjoy in the West. Taking everything into account, including the facts about climate change, Epstein argues that "fossil fuels are easy to misunderstand and demonize, but they are absolutely good to use. And they absolutely need to be championed. . . . Mankind's use of fossil fuels is supremely virtuous—because human life is the standard of value and because using fossil fuels transforms our environment to make it wonderful for human life."

**Climate Justice** Mar 27 2022 Climate justice requires sharing the burdens and benefits of climate change and its resolution equitably and fairly. It brings together justice between generations and justice within generations. In particular it requires that attempts to address justice between generations through various interventions designed to curb greenhouse emissions today do not end up creating injustice in our time by hurting the currently poor and vulnerable. The United Nations Sustainable Development Goals (SDGs) summit in September

2015, and the Conference of Parties (COP) to the Framework Convention on Climate Change in Paris in December 2015, brought climate change and its development impact centre stage in global discussions. In the run up to Paris, Mary Robinson, former President of Ireland and UN Secretary General's Special Envoy for Climate Change, instituted the Climate Justice Dialogue "to mobilize political will and creative thinking to shape an ambitious and just international climate agreement in 2015". The editors of this volume, an economist and a philosopher, served on the High Level Advisory Committee of the Climate Justice Dialogue. They noted the overlap and mutual enforcement between the economic and philosophical discourses on climate justice. But they also noted the great need for these strands to come together to support the public and policy discourse. *Climate Justice: Integrating Economics and Philosophy* is the result. Bringing together contributions from economists and philosophers, *Climate Justice* illustrates the different approaches, how they overlap and interact, and what they have already learned from each other and might still have to learn.

**The Green New Deal** Oct 29 2019 An urgent plan to confront climate change, transform the American economy, and create a green post-fossil fuel culture. A new vision for America's future is quickly gaining momentum. Facing a global emergency, a younger generation is spearheading a national conversation around a Green New Deal and setting the agenda for a bold political movement with the potential to revolutionize society. Millennials, the largest voting bloc in the country, are now leading on the issue of climate change. While the Green New Deal has become a lightning rod in the political sphere, there is a parallel movement emerging within the business community that will shake the very foundation of the global economy in coming

years. Key sectors of the economy are fast-decoupling from fossil fuels in favor of ever cheaper solar and wind energies and the new business opportunities and employment that accompany them. New studies are sounding the alarm that trillions of dollars in stranded fossil fuel assets could create a carbon bubble likely to burst by 2028, causing the collapse of the fossil fuel civilization. The marketplace is speaking, and governments will need to adapt if they are to survive and prosper. In *The Green New Deal*, New York Times bestselling author and renowned economic theorist Jeremy Rifkin delivers the political narrative and economic plan for the Green New Deal that we need at this critical moment in history. The concurrence of a stranded fossil fuel assets bubble and a green political vision opens up the possibility of a massive shift to a post-carbon ecological era, in time to prevent a temperature rise that will tip us over the edge into runaway climate change. With twenty-five years of experience implementing Green New Deal–style transitions for both the European Union and the People’s Republic of China, Rifkin offers his vision for how to transform the global economy and save life on Earth.

*The End of Fossil Fuel Insanity* Jun 25 2019 Everyone knows that fossil fuels won’t last forever. Something needs to change at some point, regardless of whether the issue is climate change or because we need a practical replacement for petroleum as cheap supplies run out. But while headlines suggest that a green-energy paradise is around the corner, not many are aware of the immense technical challenges that stand in its way. To turn our backs on fossil fuels, a staggering amount of work will be required to refit a global energy sector that has grown systematically for over a century. News of the latest green advancements can make it seem like plug-and-play technology, and simply a matter of switching from one source to another. In

reality, the challenge is far greater, and infinitely more complicated. To make matters worse, environmentalists and fossil-fuel defenders wage continuous but fruitless war, and the growing gap makes it impossible to have any sort of constructive dialogue. Each camp becomes more locked in their position with every exchange, and the most revolutionary ideas never see the light of day. Instead of building, time and money are wasted sparring. Sparing no sacred cows, Terry Etam cuts through the media rhetoric, government propaganda, and widespread ignorance of the energy sector to get to the heart of what needs to change—and what needs to stay the same—if the challenges of moving away from fossil fuels are to be met, while maintaining the quality of life we have come to expect and rely on.

*Archaeopteryx, the Primordial Bird* Jul 19 2021

*Eating Fossil Fuels* Jan 01 2020 A shocking outline of the interlinked crises in energy and agriculture--and appropriate responses.

*The Strange Case of the Rickety Cossack* Jul 27 2019 In his new book *The Strange Case of the Rickety Cossack*, human paleoanthropologist Ian Tattersall argues that a long tradition of "human exceptionalism" in paleoanthropology has distorted the picture of human evolution. Drawing partly on his own career—from young scientist in awe of his elders to crotchety elder statesman—Tattersall offers an idiosyncratic look at the competitive world of paleoanthropology, beginning with Charles Darwin 150 years ago, and continuing through the Leakey dynasty in Africa, and concluding with the latest astonishing findings in the Caucasus. The book's title refers to the 1856 discovery of a clearly very old skull cap in Germany's Neander Valley. The possessor had a brain as large as a modern human, but a heavy low braincase with a prominent brow ridge.

Scientists tried hard to explain away the inconvenient possibility that this was not actually our direct relative. One extreme interpretation suggested that the preserved leg bones were curved by both rickets, and by a life on horseback. The pain of the unfortunate individual's affliction had caused him to chronically furrow his brow in agony, leading to the excessive development of bone above the eye sockets. The subsequent history of human evolutionary studies is full of similarly fanciful interpretations. With tact and humor, Tattersall concludes that we are not the perfected products of natural processes, but instead the result of substantial doses of random happenstance.

*The New Climate War* Sep 08 2020 Shortlisted for the FT/McKinsey Business Book of the Year award A renowned climate scientist shows how fossil fuel companies have waged a thirty-year campaign to deflect blame and responsibility and delay action on climate change, and offers a battle plan for how we can save the planet. Recycle. Fly less. Eat less meat. These are some of the ways that we've been told can slow climate change. But the inordinate emphasis on individual behavior is the result of a marketing campaign that has succeeded in placing the responsibility for fixing climate change squarely on the shoulders of individuals. Fossil fuel companies have followed the example of other industries deflecting blame (think "guns don't kill people, people kill people") or greenwashing (think of the beverage industry's "Crying Indian" commercials of the 1970s). Meanwhile, they've blocked efforts to regulate or price carbon emissions, run PR campaigns aimed at discrediting viable alternatives, and have abdicated their responsibility in fixing the problem they've created. The result has been disastrous for our planet. In *The New Climate War*, Mann argues that all is not lost. He draws the battle lines between the people and the polluters-fossil fuel companies, right-wing

plutocrats, and petrostates. And he outlines a plan for forcing our governments and corporations to wake up and make real change, including: A common-sense, attainable approach to carbon pricing- and a revision of the well-intentioned but flawed currently proposed version of the Green New Deal; Allowing renewable energy to compete fairly against fossil fuels Debunking the false narratives and arguments that have worked their way into the climate debate and driven a wedge between even those who support climate change solutions Combatting climate doomism and despair-mongering With immensely powerful vested interests aligned in defense of the fossil fuel status quo, the societal tipping point won't happen without the active participation of citizens everywhere aiding in the collective push forward. This book will reach, inform, and enable citizens everywhere to join this battle for our planet.

**Energy, the Master Resource** Apr 03 2020

The Moral Case for Fossil Fuels, Revised Edition Sep 01 2022

Now revised and updated--from the New York Times bestselling author, a contrarian cost-benefit analysis that will make you question everything you thought you knew about fossil fuels. For decades we've been told that using fossil fuels is a self-destructive addiction that will destroy our planet. Yet at the same time, life has been getting better and better by every measure of human well-being, from access to clean water to climate safety. How can this be? In this timely and necessary book, energy expert Alex Epstein argues that we've only heard one side of the story. Today's climate activists and environmental pundits focus solely on the side effects of fossil fuels but completely ignore their unique ability to provide cheap, reliable energy for a world of seven billion people. Drawing on original insights and cutting-edge research, Epstein shows that most of what we've been told about fossil fuels is a myth. For

instance... Myth: Fossil fuels are making the climate unlivable. Truth: Fossil fuels haven't taken a naturally safe climate and made it dangerous; they've taken a naturally dangerous climate and made it safer than ever. Myth: Solar and wind can replace fossil fuels. Truth: Sun and wind are unreliable and always need backup from a reliable source - almost always fossil fuels. Myth: Fossil fuels are hurting the developing world. Truth: Fossil fuels are the key to improving the quality of life for billions of people in the developing world--including their ability to adapt to a changing climate. Now fully updated with the latest data and addressing recent controversies from "peak oil demand" to the Green New Deal, *The Moral Case for Fossil Fuels* is sure to challenge your assumptions.

*Global Chemical Kinetics of Fossil Fuels* Dec 24 2021 This book covers the origin and chemical structure of sedimentary organic matter, how that structure relates to appropriate chemical reaction models, how to obtain reaction data uncontaminated by heat and mass transfer, and how to convert that data into global kinetic models that extrapolate over wide temperature ranges. It also shows applications for in-situ and above-ground processing of oil shale, coal and other heavy fossil fuels. It is essential reading for anyone who wants to develop and apply reliable chemical kinetic models for natural petroleum formation and fossil fuel processing and is designed for course use in petroleum systems modelling. Problem sets, examples and case studies are included to aid in teaching and learning. It presents original work and contains an extensive reanalysis of data from the literature.

**Fossil Free Fuels** Aug 20 2021 Many approaches have been undertaken to mitigate global climate change, including the movement away from fossil fuels. *Fossil Free Fuels: Trends in Renewable Energy* examines several key topics, such as the

utilization of biofuels as a sustainable renewable resource, recycling and untapped waste-to-energy products, and other carbon-neutral strategies in various industries, such as the transportation, construction, and manufacturing sectors. It provides recent updates on the latest technologies, modeling, design, and technical aspects, as well as several practical case studies. The current world energy scenario is examined and various solutions to larger environmental problems are outlined in terms of the shift to more alternative energy sources. Features: Minimizes technical jargon in a straightforward style for a wider audience Discusses sustainable options for different industries, such as the use of green materials in the construction sector, biofuels for transportation, and many more Includes numerous illustrations, tables, and figures to aid in understanding This book serves as a practical reference for engineers, researchers, environmental consultants working in renewable energy industries, and students.

**Life After Fossil Fuels** Mar 15 2021 This book is a reality check of where energy will come from in the future. Today, our economy is utterly dependent on fossil fuels. They are essential to transportation, manufacturing, farming, electricity, and to make fertilizers, cement, steel, roads, cars, and half a million other products. One day, sooner or later, fossil fuels will no longer be abundant and affordable. Inevitably, one day, global oil production will decline. That time may be nearer than we realize. Some experts predict oil shortages as soon as 2022 to 2030. What then are our options for replacing the fossil fuels that turn the great wheel of civilization? Surveying the arsenal of alternatives wind, solar, hydrogen, geothermal, nuclear, batteries, catenary systems, fusion, methane hydrates, power2gas, wave, tidal power and biomass this book examines whether they can replace or supplement fossil fuels. The book

also looks at substitute energy sources from the standpoint of the energy users. Manufacturing, which uses half of fossil fuels, often requires very high heat, which in many cases electricity can't provide. Industry uses fossil fuels as a feedstock for countless products, and must find substitutes. And, as detailed in the author's previous book, "When Trucks Stop Running: Energy and the Future of Transportation," ships, locomotives, and heavy-duty trucks are fueled by diesel. What can replace diesel? Taking off the rose-colored glasses, author Alice Friedemann analyzes our options. What alternatives should we deploy right now? Which technologies merit further research and development? Which are mere wishful thinking that, upon careful scrutiny, dematerialize before our eyes? Fossil fuels have allowed billions of us to live like kings. Fueled by oil, coal, and natural gas, we changed the equation constraining the carrying capacity of our planet. As fossil fuels peak and then decline, will we fall back to Earth? Are there viable alternatives?

**Burn Out** Feb 23 2022 Introduction -- The end of the commodity super-cycle -- Binding carbon constraints -- An electric future -- The US: the lucky country -- The Middle East: more trouble to come -- Russia: blighted by the resource curse -- China: the end of the transition -- Europe: not as bad as it seems -- The gradual end of big oil -- Energy utilities: a broken model -- The new energy markets and the economics of the Internet -- Conclusion

Fossil Fuel Subsidy Reform Nov 10 2020 This much-needed book provides an empirically-grounded, and theoretically informed account of international law sources, mechanisms, initiatives and institutions which address and affect the practice of subsidising fossil fuel consumption and production. Drawing on recent scholarship on emerging international governance mechanisms, 'informal' international law-making and regime

interaction, it offers suggestions, and critiques suggestions of others, for how the international law framework could be employed more effectively and appropriately to respond to environmentally and fiscally harmful fossil fuel subsidies.

*The Politics of Fossil Fuel Subsidies and Their Reform* Oct 22 2021 This comprehensive volume provides the first book-length account on the politics of fossil fuel subsidies. This title is also available as Open Access.

**Smaller Faster Lighter Denser Cheaper** Nov 30 2019 In the face of today's environmental and economic challenges, doomsayers preach that the only way to stave off disaster is for humans to reverse course: to de-industrialize, re-localize, ban the use of modern energy sources, and forswear prosperity. But in this provocative and optimistic rebuke to the catastrophists, Robert Bryce shows how innovation and the inexorable human desire to make things Smaller Faster Lighter Denser Cheaper is providing consumers with Cheaper and more abundant energy, Faster computing, Lighter vehicles, and myriad other goods. That same desire is fostering unprecedented prosperity, greater liberty, and yes, better environmental protection. Utilizing on-the-ground reporting from Ottawa to Panama City and Pittsburgh to Bakersfield, Bryce shows how we have, for centuries, been pushing for Smaller Faster solutions to our problems. From the vacuum tube, mass-produced fertilizer, and the printing press to mobile phones, nanotech, and advanced drill rigs, Bryce demonstrates how cutting-edge companies and breakthrough technologies have created a world in which people are living longer, freer, healthier, lives than at any time in human history. The push toward Smaller Faster Lighter Denser Cheaper is happening across multiple sectors. Bryce profiles innovative individuals and companies, from long-established ones like Ford and Intel to upstarts like Aquion Energy and

Khan Academy. And he zeroes in on the energy industry, proving that the future belongs to the high power density sources that can provide the enormous quantities of energy the world demands. The tools we need to save the planet aren't to be found in the technologies or lifestyles of the past. Nor must we sacrifice prosperity and human progress to ensure our survival. The catastrophists have been wrong since the days of Thomas Malthus. This is the time to embrace the innovators and businesses all over the world who are making things Smaller Faster Lighter Denser Cheaper.

### **Summary of Alex Epstein's The Moral Case for Fossil Fuels**

Feb 11 2021 Get the summary from Alex Epstein's The Moral Case for Fossil Fuels #1 The conventional wisdom is that our use of fossil fuels is an addiction, a short-term, destructive habit that must be stopped. #2 The debate over our addiction to fossil fuels is usually over how dangerous the addiction is and how quickly we can get rid of it. #3 The author used to be against fossil fuels, but now realizes that they have made our lives better in every way, and that we need to keep using them.

*Beyond Fossil Law* Jan 13 2021

*Summary of The Moral Case for Fossil Fuels – [Review*

*Keypoints and Take-aways]* Jul 31 2022 The summary of The

Moral Case for Fossil Fuels – What if using fossil fuels is healthy and moral after all? presented here include a short review of the book at the start followed by quick overview of main points and a list of important take-aways at the end of the summary. The Summary of In his book titled The Moral Case for Fossil Fuels, author Alex Epstein examines the positive aspects of fossil fuels such as coal, natural gas, and oil.

Specifically, the author focuses on the book's title topic. This book debunks a lot of the myths that people have about fossil fuels and discusses the dramatic and positive effects that using

these fuels has had on society. Importantly, the use of fossil fuels is a moral choice because the benefits they provide to humanity outweigh any of the environmental concerns that are currently being raised. The Moral Case for Fossil Fuels summary includes the key points and important takeaways from the book *The Moral Case for Fossil Fuels* by Alex Epstein. Disclaimer: 1. This is an unofficial summary and not intended to replace the original book. 2. In this summary key points are rewritten and recreated and no part/text is directly taken or copied from original book. 3. The purpose of this summary is to highlight the outline and ideas in original book more effectively and to encourage reader to buy the original book. We recommend to buy excellent original book. 4. The author or publisher of this summary is not associated in any way with the author or publisher of the original book.

**Sustainable Fossil Fuels** May 17 2021 More and more people believe we must quickly wean ourselves from fossil fuels - oil, natural gas and coal - to save the planet from environmental catastrophe, wars and economic collapse. In this 2006 book, Professor Jaccard argues that this view is misguided. We have the technological capability to use fossil fuels without emitting climate-threatening greenhouse gases or other pollutants. The transition from conventional oil and gas to their unconventional sources including coal for producing electricity, hydrogen and cleaner-burning fuels will decrease energy dependence on politically unstable regions. In addition, our vast fossil fuel resources will be the cheapest source of clean energy for the next century and perhaps longer, which is critical for the economic and social development of the world's poorer countries. By buying time for increasing energy efficiency, developing renewable energy technologies and making nuclear power more attractive, fossil fuels will play a key role in

humanity's quest for a sustainable energy system.

**Fossil Future** May 29 2022 The New York Times bestselling author of *The Moral Case for Fossil Fuels* draws on the latest data and new insights to challenge everything you thought you knew about the future of energy For over a decade, philosopher and energy expert Alex Epstein has predicted that any negative impacts of fossil fuel use on our climate will be outweighed by the unique benefits of fossil fuels to human flourishing-- including their unrivaled ability to provide low-cost, reliable energy to billions of people around the world, especially the world's poorest people. And contrary to what we hear from media "experts" about today's "renewable revolution" and "climate emergency," reality has proven Epstein right: Fact: Fossil fuels are still the dominant source of energy around the world, and growing fast—while much-hyped renewables are causing skyrocketing electricity prices and increased blackouts. Fact: Fossil-fueled development has brought global poverty to an all-time low. Fact: While fossil fuels have contributed to the 1 degree of warming in the last 170 years, climate-related deaths are at all-time lows thanks to fossil-fueled development. What does the future hold? In *Fossil Future*, Epstein, applying his distinctive "human flourishing framework" to the latest evidence, comes to the shocking conclusion that the benefits of fossil fuels will continue to far outweigh their side effects—including climate impacts—for generations to come. The path to global human flourishing, Epstein argues, is a combination of using more fossil fuels, getting better at "climate mastery," and establishing "energy freedom" policies that allow nuclear and other truly promising alternatives to reach their full long-term potential. Today's pervasive claims of imminent climate catastrophe and imminent renewable energy dominance, Epstein shows, are based on what he calls the "anti-impact

framework”—a set of faulty methods, false assumptions, and anti-human values that have caused the media’s designated experts to make wildly wrong predictions about fossil fuels, climate, and renewables for the last fifty years. Deeply researched and wide-ranging, this book will cause you to rethink everything you thought you knew about the future of our energy use, our environment, and our climate.

**The Moral Case for Fossil Fuels** Nov 03 2022 Could everything we know about fossil fuels be wrong? For decades, environmentalists have told us that using fossil fuels is a self-destructive addiction that will destroy our planet. Yet at the same time, by every measure of human well-being, from life expectancy to clean water to climate safety, life has been getting better and better. How can this be? The explanation, energy expert Alex Epstein argues in *The Moral Case for Fossil Fuels*, is that we usually hear only one side of the story. We’re taught to think only of the negatives of fossil fuels, their risks and side effects, but not their positives—their unique ability to provide cheap, reliable energy for a world of seven billion people. And the moral significance of cheap, reliable energy, Epstein argues, is woefully underrated. Energy is our ability to improve every single aspect of life, whether economic or environmental. If we look at the big picture of fossil fuels compared with the alternatives, the overall impact of using fossil fuels is to make the world a far better place. We are morally obligated to use more fossil fuels for the sake of our economy and our environment. Drawing on original insights and cutting-edge research, Epstein argues that most of what we hear about fossil fuels is a myth. For instance . . . Myth: Fossil fuels are dirty. Truth: The environmental benefits of using fossil fuels far outweigh the risks. Fossil fuels don’t take a naturally clean environment and make it dirty; they take a naturally dirty

environment and make it clean. They don't take a naturally safe climate and make it dangerous; they take a naturally dangerous climate and make it ever safer. Myth: Fossil fuels are unsustainable, so we should strive to use "renewable" solar and wind. Truth: The sun and wind are intermittent, unreliable fuels that always need backup from a reliable source of energy—usually fossil fuels. There are huge amounts of fossil fuels left, and we have plenty of time to find something cheaper. Myth: Fossil fuels are hurting the developing world. Truth: Fossil fuels are the key to improving the quality of life for billions of people in the developing world. If we withhold them, access to clean water plummets, critical medical machines like incubators become impossible to operate, and life expectancy drops significantly. Calls to "get off fossil fuels" are calls to degrade the lives of innocent people who merely want the same opportunities we enjoy in the West. Taking everything into account, including the facts about climate change, Epstein argues that "fossil fuels are easy to misunderstand and demonize, but they are absolutely good to use. And they absolutely need to be championed. . . . Mankind's use of fossil fuels is supremely virtuous—because human life is the standard of value and because using fossil fuels transforms our environment to make it wonderful for human life."

Energy Humanities Jul 07 2020 "... these fields of scholarship are ones that demonstrate how the scale and complexity of the issues being explored demand insights and approaches that transcend old school disciplinary boundaries. This book offers a selection of the most influential work in energy humanities that has appeared over the past decade. Selections range from anthropology and geography to philosophy, history, and cultural studies to recent energy-focused interventions in art and literature..."--Provided by publisher.

**Global Energy** Aug 08 2020 The major purpose of this book is to lay out the broad landscape of global energy issues and how they might develop in coming decades. While there are considerable uncertainties in respect of some of these issues, many of the defining characteristics of the landscape are clear, and the energy policies of all countries will need to be broadly consistent with these if they are to be feasible and achieve their objectives.

**White Skin, Black Fuel** Jun 17 2021 Rising temperatures and the rise of the far right. What disasters happen when they meet? In the first study of the far right's role in the climate crisis, *White Skin, Black Fuel* presents an eye-opening sweep of a novel political constellation, revealing its deep historical roots. Fossil-fuelled technologies were born steeped in racism. No one loved them more passionately than the classical fascists. Now right-wing forces have risen to the surface, some professing to have the solution—closing borders to save the nation as the climate breaks down. Epic and riveting, *White Skin, Black Fuel* traces a future of political fronts that can only heat up.

Public Responses to Fossil Fuel Export Nov 22 2021 *Public Responses to Fossil Fuel Export* provides wide-ranging theoretical and methodological international contributions on the human dimensions of fossil fuel export, with a distinctive focus on exporting countries, some of which are new entrants into the marketplace. What do members of the public think about exporting fossil fuels in places where it is happening? What do they see as its main risks and benefits? What connections are being made to climate change and the impending energy transition? How have affected communities responded to proposals related to fossil fuel export, broadly defined to include transport by rail, pipeline, and ship? Contributions to the work are presented in three parts. The first part synthesizes the

background of the project, outlines major social science theories and relevant previous research, and identifies global trends in energy production. Regional and national case studies related to public opinion on fossil fuel export are included in part two of the manuscript. Part three highlights community-based case studies. Implications for research and practice feature in the concluding chapter. Serves as a definitive reference on the social dimensions of fossil fuel export, bringing together case examples and public opinion research from around the world on this important but understudied issue Explores the broader implications for growing field of energy social science, particularly those focused on public perceptions of energy development, siting controversies and community impacts from energy development Provides practical and policy implications, including the need for better community inclusion in export and transport facility siting decisions, the changing status of certain fuels, impacts on public awareness, and the relevance of the movement of energy resources

**Fossil Free** Mar 03 2020 REIMAGINING A CLEANER, GREENER, CARBON-FREE WORLD! The current global energy use, with its overwhelming dependence on fossil fuels, has taken global warming to dangerous levels. Climate change is already hitting us hard, through adverse effects on global food availability, biodiversity, rising sea levels and extreme weather events, such as hurricanes and floods. In the last decade, a major transformation-the transition to clean, affordable and sustainable energy from the sun and the wind-is beginning to address these challenges. Fossil Free provides a concise introduction to the challenges, realities and complexities of the global and local energy industry, as well as the trends and forces driving the energy transition. It explains how improved electricity infrastructure, decentralized smart grids, electric vehicles,

energy storage and market design are already providing clear pathways for the transition towards green, efficient, affordable and secure renewable energy across the energy-use chain: extraction, conversion, transmission, distribution and end use. For over a decade, Sumant Sinha has had a ringside view of the energy scenario. Having founded and helmed India's leading clean energy company, his understanding of the global energy landscape and climate change brings a unique, holistic perspective on energy. With Fossil Free, Sinha shares his vision for energy which is not only clean, but also practical and affordable.

*the-moral-case-for-fossil-fuels*

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