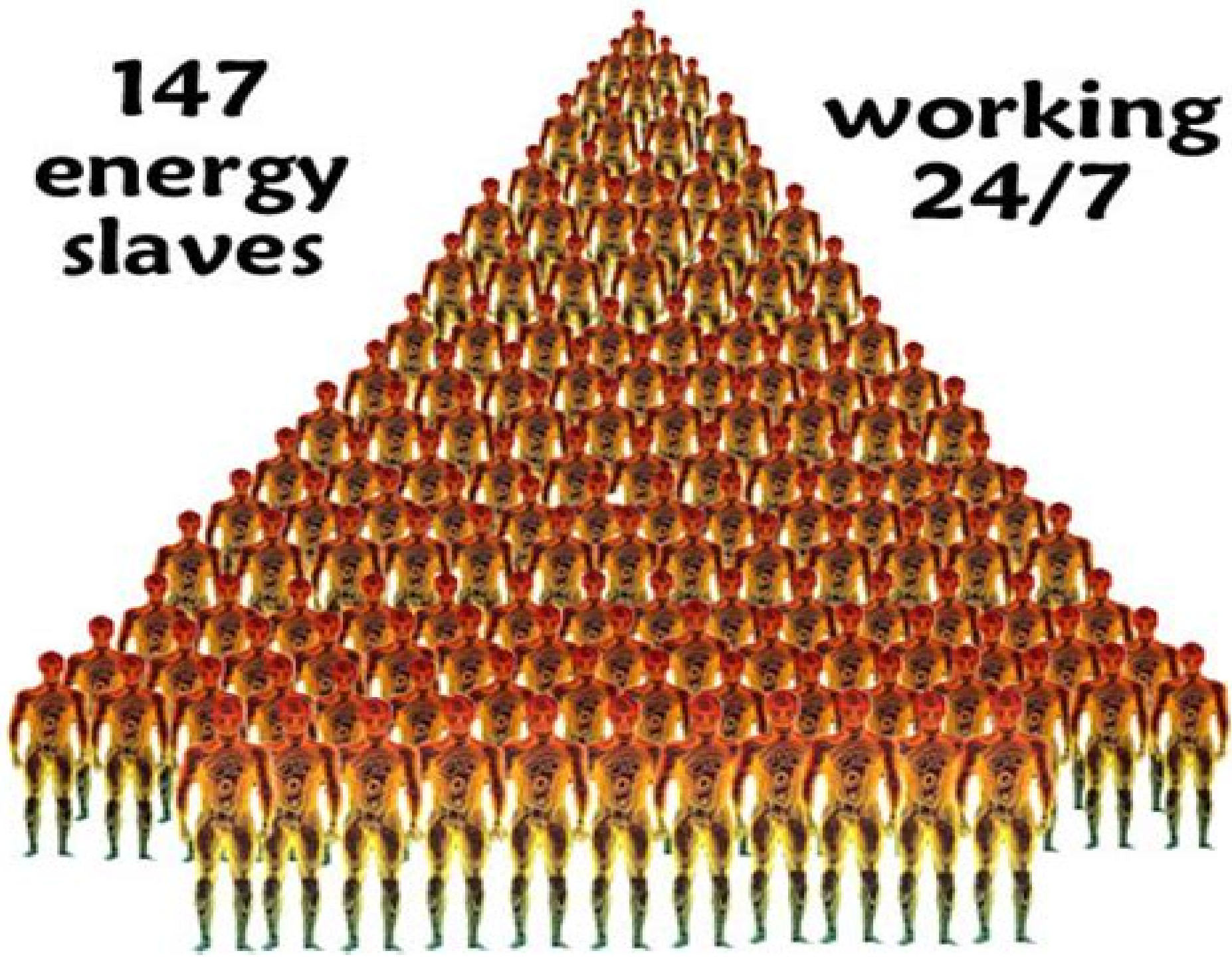


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The Energy Of Slaves

Bruce Whiteman



The Energy Of Slaves:

The Energy of Slaves Leonard Cohen, 1972 **The Energy of Slaves** Andrew Nikiforuk, 2012-08-17 A robustly researched and smoothly written overview of the many challenges confronting our devotion to fossil fuels from the author of *Tar Sands Quill* Quire Ancient civilizations relied on shackled human muscle It took the energy of slaves to plant crops clothe emperors and build cities Nineteenth century slaveholders viewed critics as hostilely as oil companies and governments now regard environmentalists Yet the abolition movement had an invisible ally coal and oil As the world's most versatile workers fossil fuels replenished slavery's ranks with combustion engines and other labor saving tools Since then cheap oil has transformed politics economics science agriculture and even our concept of happiness Many North Americans today live as extravagantly as Caribbean plantation owners We feel entitled to surplus energy and rationalize inequality even barbarity to get it But endless growth is an illusion In this provocative book Andrew Nikiforuk winner of the Rachel Carson Environment Book Award argues that what we need is a radical emancipation movement that ends our master and slave approach to energy We must learn to use energy on a moral just and truly human scale Published in Partnership with the David Suzuki Institute In his cautionary tale about the evils of oil Nikiforuk makes his case for impending doom if we don't mend our energy spending ways *The Star* In this cogently argued book Andrew Nikiforuk deploys a powerful metaphor Oil dependency he writes is a modern form of slavery and it's time for a global abolition movement Taras Grescoe author of *Shanghai Grand* A startling critique that should rouse us from our pipe dream of endless plenty Ronald Wright author of *On Fiji Islands*

The Energy of Slaves [braille] Leonard Cohen, 1992 *Art & Energy* Barry Lord, 2014-05-01 In *Art Energy* Barry Lord argues that human creativity is deeply linked to the resources available on Earth for our survival From our ancient mastery of fire through our exploitation of coal oil and gas to the development of today's renewable energy sources each new source of energy fundamentally transforms our art and culture how we interact with the world organize our communities communicate and conceive of and assign value to art By analyzing art artists and museums across eras and continents Lord demonstrates how our cultural values and artistic expression are formed by our efforts to access and control the energy sources that make these cultures possible *The Energy-Climate Continuum* Antoine Bret, 2014-07-23 This book puts the debates about the energy climate continuum on a scientific ground It is a must read for everyone who wants to understand how intimately the energy and climate debates are linked to each other and who wants to participate in these omnipresent discussions Antoine Bret explains in his book how fossil fuels became indispensable for our society He carefully explains how and why this impacts the earth's climate And he points out that all available fossil fuels will sooner or later be used up Therefore he introduces and discusses the alternatives which are currently considered The book is divided into three parts The first part explains the problem and where we stand today the second part critically discusses possible elements of solution The third part illustrates historic case studies containing both warning as well as encouraging examples of societies at turning points

This book is a careful introduction to these topics The basic science behind the problem and the debates are introduced in an understandable and nicely readable fashion Facts are illustrated with simple back of the envelope calculations providing a good feeling for orders of magnitudes A rich appendix provides additional background information for the interested readers In this way the book can even be a valuable resource for introductory university courses in physics climate science natural science and many more subjects This book is a real conversation starter and can be recommended to everyone specialist or non specialist who wants to understand the actual energy climate debates and maybe even involve **Leonard Cohen**

Bruce Whiteman, 1980 Many of the highly praised bibliographies that make up The Annotated Bibliography of Canada's Major Authors are also available in individual author reprints Separately bound and covered each bibliography concentrates on one major Canadian author **Mineral Rites** Bob Johnson, 2019-03-26 An archaeology of Western energy culture that demystifies the role that fossil fuels play in the day to day rituals of modern life Spanning the past two hundred years this book offers an alternative history of modernity that restores to fossil fuels their central role in the growth of capitalism and modernity itself including the emotional attachments and real injuries that they generate and command Everything about us our bodies minds sense of self nature reason and faith has been conditioned by a global infrastructure of carbon flows that saturates our habits thoughts and practices And it is that deep energy infrastructure that provides material for the imagination and senses and even shapes our expectations about what it means to be fully human in the twenty first century In Mineral Rites Bob Johnson illustrates that fossil fuels are embodied today not only in the morning commute and in home HVAC systems but in the everyday textures rituals architecture and artifacts of modern life In a series of illuminating essays touching on such disparate topics as hot yoga electric robots automobility the RMS Titanic reality TV and the modern novel Johnson takes the discussion of fossil fuels and their role in climate change far beyond the traditional domains of policy and economics into the deepest layers of the body ideology and psyche An audacious revision to the history of modernity Mineral Rites shows how fossil fuels operate at the level of infrapolitics and how they permeate life as second nature **Canadian Writers and Their Works** Robert Lecker, Jack David, Ellen Quigley, Donald Wilfred McLeod, 1983 **Oil Fictions** Stacey Balkan, Swaralipi Nandi, 2021-10-15 Oil like other fossil fuels permeates every aspect of human existence Yet it has been largely ignored by cultural critics especially in the context of the Global South Seeking to make visible not only the pervasiveness of oil in society and culture but also its power Oil Fictions stages a critical intervention that aligns with the broader goals of the energy humanities Exploring literature and film about petroleum as a genre of world literature Oil Fictions focuses on the ubiquity of oil as well as the cultural response to petroleum in postcolonial states The chapters engage with African South American South Asian Iranian and transnational petrofictions and cover topics such as the relationship of colonialism to the fossil fuel economy issues of gender in the Thermocene epoch and discussions of migration precarious labor and the petro diaspora This unique exploration includes testimonies of the oil encounter through memoirs journals and interviews from a

diverse geopolitical grid ranging from the Permian Basin to the Persian Gulf By engaging with non Western literary responses to petroleum in a concentrated sustained way this pathbreaking book illuminates the transnational dimensions of the discourse on oil It will appeal to scholars and students working in literature and science studies energy humanities ecocriticism petrocriticism environmental humanities and Anthropocene studies In addition to the editors the contributors to this volume include Henry Obi Ajumeze Rebecca Babcock Ashley Dawson Sharae Deckard Scott DeVries Kristen Figgins Amitav Ghosh Corbin Hiday Helen Kapstein Micheal Angelo Rumore Simon Ryle Sheena Stief Imre Szeman Maya Vinai and Wendy W Walters **Energy Humanities. Current State and Future Directions** Matúš Mišík, Nada

Kujundžić, 2020-11-02 This edited book explicitly deals with the energy humanities summarising existing knowledge in the area and outlining possible future directions for the nascent field Assuming a variety of disciplinary stances and using a plethora of methodologies to address a number of pressing energy related issues the individual contributions showcase the crucial importance of including the humanities and social sciences into the current discussion on energy Furthermore they illustrate one of the central claims of the energy humanities namely that energy permeates all aspects of our contemporary modes of existence and is inextricably linked with historical political social ideological and cultural issues relationships and practices Through numerous case studies Energy Humanities and Energy Transition looks to the past present and future in search of examples of best practices and possible models for pathways to a successful energy transition and life after oil While much of existing research on energy humanities has been criticised for its excessive focus on oil this book considers a wide range of energy resources including nuclear energy renewables and natural gas Furthermore it brings to the forefront under researched topics such as the colonial legacy inscribed in energy infrastructure and the energy history of the humanities The contributions in this volume explore not only how the perspectives and expertise of the humanities and social sciences can alter the discourse on energy transition and our way of thinking about possible solutions and future scenarios but also how their new focus on energy affects the disciplines themselves Energy Humanities and Energy Transition presents a variety of theories methods topics and disciplinary angles meaning it will be of interest to a wide audience from practitioners and policy makers to students and researchers working across the humanities and social sciences The thematically oriented structure distinct focus of each individual chapter and the comprehensive introduction and conclusion that contextualize the contributions within the wider framework of energy transition make this edited book accessible to readers from many different fields and suitable for various university programs *The Rough Poets* Melanie Dennis

Unrau, 2024-10-15 Oil workers are often typecast as rough embodying the toxic masculinity racism consumerist excess and wilful ignorance of the extractive industries and petrostates they work for But their poetry troubles these assumptions revealing the fear confusion betrayal and indignation hidden beneath tough personas The Rough Poets presents poetry by workers in the Canadian oil and gas industry collecting and closely reading texts published between 1938 and 2019 S C Ellis

Northland Trails Peter Christensen's Rig Talk Dymphny Dronyk's Contrary Infatuations Mathew Henderson's The Lease Naden Parkin's A Relationship with Truth Lesley Battler's Endangered Hydrocarbons and Lindsay Bird's Boom Time These writers are uniquely positioned Melanie Dennis Unrau argues both as petropoets who write poetry about oil and as theorists of petropoetics with unique knowledge about how to make and unmake worlds that depend on fossil fuels Their ambivalent playful crude and honest petropoetry shows that oil workers grieve the environmental and social impacts of their work worry about climate change and the futures of their communities and desire jobs and ways of life that are good safe and just How does it feel to be a worker in the oil and gas industry in a climate emergency facing an energy transition that threatens your way of life Unrau takes up this question with the respect care and imagination necessary to be an environmentalist reader in solidarity with oil workers

Nuclear Choices Richard Wolfson, 1993 background needed to make informed choices about nuclear technologies introducing concepts that can be used for evaluating the claims of both proponents and opponents

The Annotated Bibliography of Canada's Major Authors Robert Lecker, Jack David, 1979

A House in the Sun Daniel A. Barber, 2016-10-13 A House in the Sun describes a number of experiments in solar house heating in American architectural engineering political economic and corporate contexts from the beginning of World War II until the late 1950s Houses were built across the Midwest Northeast and Southwestern United States and also proposed for sites in India South Africa and Morocco These experiments developed in parallel to transformations in the discussion of modern architecture relying on new materials and design ideas for both energy efficiency and claims to cultural relevance Architects were among the myriad cultural and scientific actors to see the solar house as an important designed element of the American future These experiments also developed as part of a wider analysis of the globe as an interconnected geophysical system Perceived resource limitations in the immediate postwar period led to new understandings of the relationship between energy technology and economy The solar house both as a charged object in the milieu of suburban expansion and as a means to raise the standard of living in developing economies became an important site for social technological and design experimentation This led to new forms of expertise in architecture and other professions Daniel Barber argues that this mid century interest in solar energy was one of the first episodes in which resource limitations were seen as an opportunity for design to attain new relevance for potential social and cultural transformations Furthermore the solar discussion established both an intellectual framework and a funding structure for the articulation of and response to global environmental concerns in subsequent decades In presenting evidence of resource tensions at the beginning of the Cold War the book offers a new perspective on the histories of architecture technology and environmentalism one more fully entangled with the often competing dynamics of geopolitical and geophysical pressures

Free Gifts Alyssa Battistoni, 2025-08-19 A timely new critique of capitalism's persistent failure to value nature Capitalism is typically treated as a force for relentless commodification Yet it consistently fails to place value on vital aspects of the nonhuman world whether carbon emissions or

entire ecosystems In *Free Gifts* Alyssa Battistoni explores capitalism's persistent failure to value nature arguing that the key question is not the moral issue of why some kinds of nature shouldn't be commodified but the economic puzzle of why they haven't been To understand contemporary ecological problems from biodiversity collapse to climate change she contends we have to understand how some things come to have value under capitalism and how others do not To help us do so Battistoni recovers and reinterprets the idea of the free gift of nature used by classical economic thinkers to describe what we gratuitously obtain from the natural world and builds on Karl Marx's critique of political economy to show how capitalism fundamentally treats nature as free for the taking This novel theory of capitalism's relationship to nature not only helps us understand contemporary ecological breakdown but also casts capitalism's own core dynamics in a new light Battistoni addresses four different instances of the free gift in political economic thought each in a specific domain natural agents in industry pollution in the environment reproductive labor in the household and natural capital in the biosphere In so doing she offers new readings of major twentieth century thinkers including Friedrich Hayek Simone de Beauvoir Garrett Hardin Silvia Federici and Ronald Coase Ultimately she offers a novel account of freedom for our ecologically troubled present developing a materialist existentialism to argue that capitalism limits our ability to be responsible for our relationships to the natural world and imagining how we might live freely while valuing nature's gifts

Mammon's Ecology Stan Goff, 2018-04-26

Proverbs 22:22 enjoins the reader Don't take advantage of the poor just because you can Mammon's Ecology is a systematic investigation into the mysterious nature of modern money which confronts us with the perplexing fact that in the global economy as it is we take advantage of the poor whether we want to or not We destroy natural systems whether we want to or not Ched Myers describes Mammon's Ecology as a workbook about the secret life of money Where Prather and others have shown that money is one of the perverse Powers described in Ephesians 6 Mammon's Ecology details precisely how money exercises this peculiar power and outlines suggestions for Christians who feel trapped in this complicity not just as individuals but as church Mammon's Ecology is not a book about economics which the author calls the world's best antidote to insomnia but rather a book about the deep ecology of post modern power and injustice Read individually or as a group Mammon's Ecology will leave you unable to think about money the same way again

Alternative Strategies and India's Development Ramdas Bhatkal, 1999

Cultures of Energy Sarah Strauss, Stephanie Rupp, Thomas Love, 2016-06-16 This path breaking volume explores cultures of energy the underlying but under appreciated dimensions of both crisis and innovation in resource use around the globe Theoretical chapters situate pressing energy issues in larger conceptual frames and ethnographic case studies reveal energy as it is imagined used and contested in a variety of cultural contexts Contributors address issues including the connection between resource flows and social relationships in energy systems cultural transformation and notions of progress and collapse the blurring of technology and magic social tensions that accompany energy contraction and sociocultural changes required in affluent societies to reduce dependence on fossil fuels Each of five

thematic sections concludes with an integrative and provocative conversation among the authors The volume is an ideal tool for teaching unique contemporary and comparative perspectives on social theories of science and technology in undergraduate and graduate courses

Cataclysms Laurent Testot, 2020-11-09 Humanity is by many measures the biggest success story in the animal kingdom but what are the costs of this triumph Over its three million years of existence the human species has continuously modified nature and drained its resources In *Cataclysms* Laurent Testot provides the full tally offering a comprehensive environmental history of humanity's unmatched and perhaps irreversible influence on the world Testot explores the interconnected histories of human evolution and planetary deterioration arguing that our development from naked apes to *Homo sapiens* has entailed wide scale environmental harm Testot makes the case that humans have usually been catastrophic for the planet hyperpredators responsible for mass extinctions deforestation global warming ocean acidification and unchecked pollution as well as the slaughter of our own species Organized chronologically around seven technological revolutions *Cataclysms* unspools the intertwined saga of humanity and our environment from our shy beginnings in Africa to today's domination of the planet revealing how we have blown past any limits along the way whether by exploding our own population numbers domesticating countless other species or harnessing energy from fossils Testot's book while sweeping is light and approachable telling the stories sometimes rambunctious sometimes appalling of how a glorified monkey transformed its own environment beyond all recognition In order to begin reversing our environmental disaster we must have a better understanding of our own past and the incalculable environmental costs incurred at every stage of human innovation *Cataclysms* offers that understanding and the hope that we can now begin to reform our relationship to the Earth

Balancing Nature and Civilization - Alternative Sustainability Perspectives from Philosophy to Practice Yoshitsugu Hayashi, Masafumi Morisugi, Sho-ichi Iwamatsu, 2020-02-19 This book is an outcome of an international symposium Sustainability Can We Design the Future of Human Life and the Environment which was held as a satellite event of the Love the Earth Expo 2005 Aichi Japan Each chapter is based on the lecture given by the following eminent researchers Yoshinori Ishii Hans Peter D r r Yoshinori Yasuda Minoru Kawada Yasunobu Iwasaka Werner Rothengatter Hisae Nakanishi Yang Dongyuan Lee Schipper Itsuo Kodama and Yoshitsugu Hayashi In the Part I titled A Sustainable Relationship between Nature and Humans we discuss what will become of fossil fuels and petroleum and what kind of indicators should be used to monitor the energy expended by human society We then discuss environmental impacts caused by different civilizations and values on Nature and ethics based on the perspective of environmental archaeology and on the discussions by Kunio Yanagita the father of Japanese folklore study The Part II is titled and shows International Conflict Concerning Environmental Damage and Its Causes The Asian dust Kosa is a typical example of transboundary conflicts between nations Another example can be found in the EU's attempt to put in place a common motorway toll system across EU countries having different geographical and economic conditions Finally Part III covers the opinions and further

debates on sustainable future earth based on the lectures in Parts I and II We hope that great insights in this book will come across to readers and be of help in steering the world towards a sustainable society in harmony with biosystems on earth

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