

# Adventures In The Anthropocene A Journey To The Heart Of The Planet We Made

*The Anthropocene* *Adventures in the Anthropocene* *The Anthropocene Reviewed* Paul J. Crutzen and *the Anthropocene: A New Epoch in Earth's History* **Anthropocene** *Knowledge For The Anthropocene* **The Birth of the Anthropocene** **The Anthropocene** *The Anthropocene* *The Anthropocene* **Encyclopedia of the Anthropocene** *Facing the Anthropocene* **Rivers of the Anthropocene** **Making the Most of the Anthropocene** *Eating Chilli Crab in the Anthropocene* *Living in the Anthropocene* *The Politics of the Anthropocene* **The Anthropocene and the Global Environmental Crisis** *Adventures in the Anthropocene* *Urgency in the Anthropocene* *The Anthropocene Unconscious* **Living with the Anthropocene** **The Anthropocene in Global Media** **The Human Planet** *Ontopolitics in the Anthropocene* *Utopia in the Anthropocene* *The Shock of the Anthropocene* *The Anthropocene Lyric* *Environmental Politics and Governance in the Anthropocene* **Love in the Anthropocene** **Education as Human Knowledge in the Anthropocene** *Earth System Science in the Anthropocene* **Ecocriticism on the Edge** **Environmental Politics and Governance in the Anthropocene** **Conservation for the Anthropocene** **Ocean Sustainability and Peaceful Coexistence for the Anthropocene** **Hope and Grief in the Anthropocene** **Learning to Die in the Anthropocene** **Emerging Issues in the Water Environment during Anthropocene** *Close Reading the Anthropocene*

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*The Anthropocene Lyric* Sep 10 2020 *The Anthropocene Lyric* is an interdisciplinary extension to studies of space and place. Responding to the cultural and environmental crises the term 'Anthropocene' shoulders, the book's purpose is to pose a single question: how to rethink our place on this planet through poetry. Tom Bristow takes the work of three

contemporary poets—John Burnside, John Kinsella and Alice Oswald—to reveal how an environmental poetics of place is of significant relevance for the Anthropocene: a geological marker asking us to think radically of the human as one part of the more-than-human world. This study unpacks the (bio)politics of representation in its emphasis on place perception; it revisits ontological dualism to

highlight human and non-human interdependency; and it points towards the idea of Anthropocene emotions, less clearly defined in existing literature. Ultimately, the affective synthesis of people, planet and place invites us to consider a new formation in lyric poetry. **The Anthropocene** May 31 2022 Humans rank with the powerful forces of nature transforming Earth. Since the mid-20th century, population

growth, industrialization, and globalization have had such deep and wide-ranging impacts that our planet no longer functions as it did during the previous eleven millennia. So distinctive is this collective human intervention that a new geological interval has been proposed; it is called the Anthropocene. The Anthropocene is intriguing scientifically, fascinating intellectually, and deeply disturbing politically, socially, economically, and ethically. We must learn how to co-exist sustainably with the rest of nature in what is emerging as a new planetary state. To do so, we must first understand what "Anthropocene" means in all its dimensions. This book adopts a multidisciplinary approach, starting with an exploration of the Anthropocene as a geological concept: ranging across the physical changes to the landscape, to the rapidly heating climate, to a biosphere undergoing transformation. And what of the "anthropos" in the Anthropocene? While geoscience does not normally address political and ethical issues of justice and equity, or economics and culture, Anthropocene studies in the humanities and social sciences investigate the complexities of the human activity driving global change. Here the book looks at human history, both in the deep past and more recently, the politics and economics of growth spurring the Anthropocene, and potential ways of mitigating its cruel effects. Our fragile, still beautiful, planet is finite. The new realities of the Anthropocene will need our best efforts, across disciplinary divides, at

effective hope and action.

**The Anthropocene** Mar 29 2022 The Anthropocene is a concept which challenges the foundations of humanities scholarship as it is traditionally understood. It calls not only for closer engagement with the natural sciences but also for a synthetic approach bringing together insights from the various subdisciplines in the humanities and social sciences which have addressed themselves to ecological questions in the past. This book is an introduction to, and structured survey of, the attempts that have been made to take the measure of the Anthropocene, and explores some of the paradigmatic problems which it raises. The difficulties of an introduction to the Anthropocene lie not only in the disciplinary breadth of the subject, but also in the rapid pace at which the surrounding debates have been, and still are, unfolding. This introduction proposes a conceptual map which, however provisionally, charts these ongoing discussions across a variety of scientific and humanistic disciplines. This book will be essential reading for students and researchers in the environmental humanities, particularly in literary and cultural studies, history, philosophy, and environmental studies.

**Living with the Anthropocene** Mar 17 2021 Australia — and the world — is changing. On the Great Barrier Reef corals bleach white, across the inland farmers struggle with declining rainfall, birds and insects disappear from our gardens and plastic waste chokes our

shores. The 2019–20 summer saw bushfires ravage the country like never before and young and old alike are rightly anxious. Human activity is transforming the places we live in and love. In this extraordinarily powerful and moving book, some of Australia's best-known writers and thinkers — as well as ecologists, walkers, farmers, historians, ornithologists, artists and community activists — come together to reflect on what it is like to be alive during an ecological crisis. They build a picture of a collective endeavour towards a culture of care, respect, and attention as the physical world changes around us. How do we hold onto hope? Personal and urgent, this is a literary anthology for our age, the age of humans. Contributors include: Michael Adams — Nadia Bailey — Saskia Beudel — Tony Birch — James Bradley — Jo Chandler — Adrienne Corradini — Sophie Cunningham — John Dargavel — Penny Dunstan — Delia Falconer — Laura Fisher — Suzy Freeman-Greene — Andrea Gaynor — Joëlle Gergis — Billy Griffiths — Ashley Hay — Justine Hyde — Lucas Ihlein — Jennifer Lavers — Ian Lunt — George Main — Cameron Allan Mckean — Gretchen Miller — Ruth A. Morgan — Stephen Muecke — Cameron Muir — Jenny Newell — Emily O'gorman — Kate Phillips — Alison Pouliot — Jane Rawson — Annalise Rees — Lauren Rickards — David Ritter — Libby Robin — John Charles Ryan — Katrina Schlunke — Ray Thompson — Angela Tiatia — Ellen Van Neerven — Adriana Vergés — Kirsten Wehner — Gib Wettenhall — Josh Wodak — Kate Wright

'Living with the Anthropocene is an illuminating deep-dive in this 'storm of our own making'. With such a diverse and expansive collection of voices, what makes this book stand out is its unity. Thinking about climate change can be lonely and devastating but here you can be assured of being held, not only in thrall, but in great company.' — Anna Krien 'An important book that speaks to our time.' — Tim Flannery 'With this marvellous book the term Anthropocene loses its academic tinge to become a pervasive and pressing reality. A pantheon of Australia's finest environmental writers reveals the haunting personal costs of living in a world that humans have already turned upside down.' — Iain McCalman 'Scientists originated the term and concept of the Anthropocene. But this work takes a much deeper dive into what the Anthropocene really means for us humans now and into the future, and - importantly - what the Anthropocene means for the rest of life with which we share this planet.' — Will Steffen 'The beauty of this collection is that it walks a tightrope over this chasm of self-disgust and dread without toppling into it...From James Bradley on cuttlefish to Saskia Beudel on the changing soundscape of her mother's garden, the quality of writing in these pieces, their delight in nature and their determination not to give in to despair make for stirring reading despite the grim truths they confront.' — Fiona Capp, Sydney Morning Herald Non-Fiction Pick of the Week 'Stomach-churning figures cast shadows

of profound anguish across many of the unexpectedly intimate stories shared by the collection's contributors, an impressive array of scientists, novelists, journalists and essayists...Mostly written prior to both the late 2019-20 bush fires and the Covid-19 pandemic, this anthology is perhaps even more relevant, timely and important now...the writing in each essay is almost without exception heartfelt, thoughtful and compelling. Living With the Anthropocene is both acknowledgment that change is here as well as a quiet warning of the dangerous uncertainty to come.' — Warren Bonett, Books+Publishing *The Politics of the Anthropocene* Aug 22 2021 The Politics of the Anthropocene is a sophisticated yet accessible treatment of how human institutions, practices, and principles need to be re-thought in response to the challenges of the Anthropocene, the emerging epoch of human-induced instability in the Earth system and its life-support capacities. However, the world remains stuck with practices and modes of thinking that were developed in the Holocene - the epoch of around 12,000 years of unusual stability in the Earth system, toward the end of which modern institutions such as states and capitalist markets arose. These institutions persist despite their potentially catastrophic failure to respond to the challenges of the Anthropocene, foremost among them a rapidly changing climate and accelerating biodiversity loss. The pathological trajectories of these institutions need to be

disrupted by advancing ecological reflexivity: the capacity of structures, systems, and sets of ideas to question their own core commitments, and if necessary change themselves, while listening and responding effectively to signals from the Earth system. This book envisages a world in which humans are no longer estranged from the Earth system but engage with it in a more productive relationship. We can still pursue democracy, social justice, and sustainability - but not as before. In future, all politics should be first and foremost a politics of the Anthropocene. The arguments are developed in the context of issues such as climate change, biodiversity, and global efforts to address sustainability.

The Anthropocene Jan 07 2023 This book is devoted to the Anthropocene, the period of unprecedented human impacts on Earth's environmental systems, and illustrates how Geographers envision the concept of the Anthropocene. This edited volume illustrates that geographers have a diverse perspective on what the Anthropocene is and represents. The chapters also show that geographers do not feel it necessary to identify only one starting point for the temporal onset of the Anthropocene. Several starting points are suggested, and some authors support the concept of a time-transgressive Anthropocene. Chapters in this book are organized into six sections, but many of them transcend easy categorization and could easily have fit into two or even three different sections. Geographers embrace the

concept of the Anthropocene while defining it and studying it in a variety of ways that clearly show the breadth and diversity of the discipline. This book will be of great value to scholars, researchers, and students interested in geography, environmental humanities, environmental studies, and anthropology. The chapters in this book were originally published as a special issue of the journal *Annals of the American Association of Geographers*.

**Hope and Grief in the Anthropocene** Dec 02 2019 The Anthropocene is a volatile and potentially catastrophic age demanding new ways of thinking about relations between humans and the nonhuman world. This book explores how responses to environmental challenges are hampered by a grief for a pristine and certain past, rather than considering the scale of the necessary socioeconomic change for a 'future' world. Conceptualisations of human-nature relations must recognise both human power and its embeddedness within material relations. Hope is a risky and complex process of possibility that carries painful emotions; it is something to be practised rather than felt. As centralised governmental solutions regarding climate change appear insufficient, intellectual and practical resources can be derived from everyday understandings and practices. Empirical examples from rural and urban contexts and with diverse research participants - indigenous communities, climate scientists, weed managers, suburban householders - help

us to consider capacity, vulnerability and hope in new ways.

*Ontopolitics in the Anthropocene* Dec 14 2020 The Anthropocene captures more than a debate over how to address the problems of climate change and global warming. Increasingly, it is seen to signify the end of the modern condition itself and potentially to open up a new era of political possibilities. This is the first book to look at the new forms of governance emerging in the epoch of the Anthropocene. Forms of rule, which seek to govern without the handrails of modernist assumptions of ♦command and control♦ from the top-down; taking on board new ontopolitical understandings of the need to govern on the grounds of non-linearity, complexity and entanglement. The book is divided into three parts, each focusing on a distinct mode or understanding of governance: Mapping, Sensing and Hacking. Mapping looks at attempts to govern through designing adaptive interventions into processes of interaction. Sensing considers ways of developing greater real time sensitivity to changes in relations, often deploying new technologies of Big Data and the Internet of Things. Hacking analyses the development of ways of ♦becoming with♦, working to recomposition and reassemble relations in new and creative forms. This work will be of great interest to students and scholars of international politics, international security and international relations theory and those interested in critical theory and the way

this is impacted by contemporary developments.

**Education as Human Knowledge in the Anthropocene** Jun 07 2020 This book examines the concepts of the Anthropocene and globalisation in our society and the changes that these are bringing about in education and human learning. The book argues that there needs to be reflexive approach to issues that affect the fate of the planet and the future of humans, brought about by an education that looks to the future. Wulf argues that a change in education and socialization can only succeed based on an understanding of previous educational ideas, and considers the significance of Confucianism and spiritual education that emerged in the East. The book traces key educational ideas throughout history to show how education and human knowledge are closely linked, highlighting the need for us to pay careful attention to repetition, mimesis and the imagination in learning. It shows how a future-oriented education must engage with issues of peace and violence, global citizenship and sustainable development. This timely and compelling book will be of great interest to researchers, academics and students in the fields of philosophy of education, the history and anthropology of education, sustainability education and global citizenship education

**Environmental Politics and Governance in the Anthropocene** Mar 05 2020 The term Anthropocene denotes a new geological epoch characterized by the unprecedented impact of

human activities on the Earth's ecosystems. While the natural sciences have advanced their understanding of the drivers and processes of global change considerably over the last two decades, the social sciences lag behind in addressing the fundamental challenge of governance and politics in the Anthropocene. This book attempts to close this crucial research gap, in particular with regards to the following three overarching research themes: (i) the meaning, sense-making and contestations emerging around the concept of the Anthropocene related to the social sciences; (ii) the role and relevance of institutions, both formal and informal as well as international and transnational, for governing in the Anthropocene; and (iii) the role and relevance of accountability and other democratic principles for governing in the Anthropocene. Drawing together a range of key thinkers in the field, this volume provides one of the first authoritative assessments of global environmental politics and governance in the Anthropocene, reflecting on how the planetary scale crisis changes the ways in which humans respond to the challenge. This volume will be of great interest to students and scholars of global environmental politics and governance, and sustainable development.

**The Anthropocene in Global Media** Feb 13 2021 This book offers the first systematic study of how the 'Anthropocene' is reported in mass media globally, drawing parallels between the use (or misuse) of the term and the media's

attitude towards the associated issues of climate change and global warming. Identifying the potential dangers of the Anthropocene provides a useful path into a variety of issues that are often ignored, misrepresented, or sidelined by the media. These dangers are widely discussed in the social sciences, environmental humanities, and creative arts, and this book includes chapters on how the contributions of these disciplines are reported by the media. Our results suggest that the natural science and mass media establishments, and the business and political interests which underpin them, tend to lean towards optimistic reassurance (the 'good' Anthropocene), rather than pessimistic alarmist stories, in reporting the Anthropocene. In this volume, contributors explore how dangerous this 'neutralizing' of the Anthropocene is in undermining serious global action in the face of the potential existential risks confronting humanity. The book presents results from media in more than 100 countries in all major languages across the globe. It covers the reporting of key environmental issues, such as the impact of climate change and global warming on oceans, forests, soil, biodiversity, and the biosphere. We offer explanations for differences and similarities in how the media report the Anthropocene in different regions of the world. In doing so, the book argues that, though it is still controversial, the idea of the Anthropocene helps to concentrate minds and behaviour in confronting ongoing ecological

(and Coronavirus) crises. The Anthropocene in Global Media will be of interest to students and scholars of environmental studies, media and communication studies, and the environmental humanities, and all those who are concerned about the survival of humans on planet Earth. [Utopia in the Anthropocene](#) Nov 12 2020 Utopia in the Anthropocene takes a cross-disciplinary approach to analyse our current world problems, identify the key resistance to change and take the reader step by step towards a more sustainable, equitable and rewarding world. It presents paradigm-shifting models of economics, political decision-making, business organization and leadership and community life. These are supported by psychological evidence, utopian literature and inspirational changes in history. The Anthropocene is in crisis, because human activity is changing almost everything about life on this planet at an unparalleled pace. Climate change, the environmental emergency, economic inequality, threats to democracy and peace and an onslaught of new technology: these planetwide risks can seem too big to comprehend, let alone manage. Our reckless pursuit of infinite economic growth on a finite planet could even take us towards a global dystopia. As an unprecedented frenzy of change grips the world, the case for utopia is stronger than ever. An effective change plan requires a bold, imaginative vision, practical goals and clarity around the psychological values necessary to bring about a transformation. This

book will be of great interest to students and scholars of the environmental humanities, sustainability studies, ecological economics, organizational psychology, politics, utopian philosophy and literature – and all who long for a better world.

*Earth System Science in the Anthropocene* May 07 2020 This work provides an in-depth perspective and update on special topics in Global Environmental Change in relation to Human Security. It offers an overview of new Joint Projects of the four International Global Change Programmes and on research efforts in Germany. It is also an up-to-date report on emerging necessities in Global Environmental Change research, and a collection of suggestions for its future evolution.

*Knowledge For The Anthropocene* Aug 02 2022 With human-induced environmental impacts disrupting human life in deeper ways and at a wider scale than anything previously experienced, this multidisciplinary book looks at the ways that current knowledge bases seem inadequate to help us deal with such realities. It offers a critical appraisal of the current knowledge infrastructure, including science, technology, innovation, education and informal knowledge systems.

*The Anthropocene Unconscious* Apr 17 2021 From Ducks, Newburyport to zombie movies and the Fast and Furious franchise, how climate anxiety permeates our culture The art and literature of our time is pregnant with catastrophe, with weather and water, wildness

and weirdness. The Anthropocene - the term given to this geological epoch in which humans, anthropos, are wreaking havoc on the earth - is to be found bubbling away everywhere in contemporary cultural production. Typically, discussions of how culture registers, figures and mediates climate change focus on 'climate fiction' or 'cli-fi', but *The Anthropocene Unconscious* is more interested in how the Anthropocene and especially anthropogenic climate destabilisation manifests in texts that are not overtly about climate change - that is, unconsciously. The Anthropocene, Mark Bould argues, constitutes the unconscious of 'the art and literature of our time'. Tracing the outlines of the Anthropocene unconscious in a range of film, television and literature - across a range of genres and with utter disregard for high-low culture distinctions - this playful and riveting book draws out some of the things that are repressed and obscured by the term 'the Anthropocene', including capital, class, imperialism, inequality, alienation, violence, commodification, patriarchy and racial formations. *The Anthropocene Unconscious* is about a kind of rewriting. It asks: what happens when we stop assuming that the text is not about the anthropogenic biosphere crises engulfing us? What if all the stories we tell are stories about the Anthropocene? About climate change?

*The Anthropocene Reviewed* Nov 05 2022 Goodreads Choice winner for Nonfiction 2021 and instant #1 bestseller! A deeply moving

collection of personal essays from John Green, the author of *The Fault in Our Stars* and *Turtles All the Way Down*. "The perfect book for right now." –People "The Anthropocene Reviewed is essential to the human conversation." –Library Journal, starred review *The Anthropocene* is the current geologic age, in which humans have profoundly reshaped the planet and its biodiversity. In this remarkable symphony of essays adapted and expanded from his groundbreaking podcast, bestselling author John Green reviews different facets of the human-centered planet on a five-star scale—from the QWERTY keyboard and sunsets to Canada geese and Penguins of Madagascar. Funny, complex, and rich with detail, the reviews chart the contradictions of contemporary humanity. As a species, we are both far too powerful and not nearly powerful enough, a paradox that came into sharp focus as we faced a global pandemic that both separated us and bound us together. John Green's gift for storytelling shines throughout this masterful collection. *The Anthropocene Reviewed* is an open-hearted exploration of the paths we forge and an unironic celebration of falling in love with the world.

*Adventures in the Anthropocene* Dec 06 2022 We are entering a new geological epoch -- the Anthropocene, or Age of Humans. Gaia Vince travelled the world to understand what this new age will mean for us, and future generations. \*\* Winner of Royal Society Winton Prize for Science Books 2015 \*\* We live in epoch-making

times. The changes we humans have made in recent decades have altered our world beyond anything it has experienced in its 4.6 billion-year history. As a result, our planet is said to be crossing into the Anthropocene -- the Age of Humans. Gaia Vince decided to travel the world at the start of this new age to see what life is really like for the people on the frontline of the planet we've made. From artificial glaciers in the Himalayas to painted mountains in Peru, electrified reefs in the Maldives to garbage islands in the Caribbean, Gaia found people doing the most extraordinary things to solve the problems that we ourselves have created. These stories show what the Anthropocene means for all of us -- and they illuminate how we might engineer Earth for our future.

[Living in the Anthropocene](#) Sep 22 2021

Explores the causes and implications of the Anthropocene, or Age of Humans, from multiple points of view including anthropological, scientific, social, artistic, and economic. Although we arrived only recently in Earth's timeline, humans are driving major changes to the planet's ecosystems. Even now, the basic requirements for human life--air, water, shelter, food, nature, and culture--are rapidly transforming the planet as billions of people compete for resources. These changes have become so noticeable on a global scale that scientists believe we are living in a new chapter in Earth's story: the Anthropocene, or Age of Humans. Living in the Anthropocene: Earth in the Age of Humans is a vital look at this era.

The book contextualizes the Anthropocene by presenting paleontological, historical, and contemporary views of various human effects on Earth. It discusses environmental and biological systems that have been changed and affected; the causes of the Anthropocene, such as agricultural spread, pollution, and urbanization; how societies are responding and adapting to these changes; how these changes have been represented in art, film, television, and literature; and finally, offers a look toward the future of our environment and our own lives.

**Encyclopedia of the Anthropocene** Feb 25

2022 Encyclopedia of the Anthropocene presents a currency-based, global synthesis cataloguing the impact of humanity's global ecological footprint. Covering a multitude of aspects related to Climate Change, Biodiversity, Contaminants, Geological, Energy and Ethics, leading scientists provide foundational essays that enable researchers to define and scrutinize information, ideas, relationships, meanings and ideas within the Anthropocene concept.

Questions widely debated among scientists, humanists, conservationists, politicians and others are included, providing discussion on when the Anthropocene began, what to call it, whether it should be considered an official geological epoch, whether it can be contained in time, and how it will affect future generations. Although the idea that humanity has driven the planet into a new geological epoch has been around since the dawn of the

20th century, the term 'Anthropocene' was only first used by ecologist Eugene Stoermer in the 1980s, and hence popularized in its current meaning by atmospheric chemist Paul Crutzen in 2000. Presents comprehensive and systematic coverage of topics related to the Anthropocene, with a focus on the Geosciences and Environmental science Includes point-counterpoint articles debating key aspects of the Anthropocene, giving users an even-handed navigation of this complex area Provides historic, seminal papers and essays from leading scientists and philosophers who demonstrate changes in the Anthropocene concept over time

**Emerging Issues in the Water Environment during Anthropocene** Sep 30 2019

This book intends to bring together and integrate the subject matter of water quality. The book covers aspects of water related to climate change, emerging aspects of engineering sciences, bio-geochemical sciences, hydro geochemistry, river management and morphology, social sciences, and public policy. The book covers the role of disruptive innovations in water management, policy formation and impact mitigation strategies. The book includes lab results as well as case studies. It provides recommendations and solutions for policy making and sustainable water management. The chapters in this book deal cohesively with many aspects of the water environment during the Anthropocene era. The contents cover myriad issues, such as land

degradation, water scarcity, urbanization, climate change, and disruptive innovation. The book also discusses issues highly pertinent to society and sustainability, such as the prevalence of enteric viruses and pharmaceutical residues as a possible anthropogenic markers in the aquatic environment. The book will prove useful for students, professionals, and researchers working on various aspects of water related concerns.

*Close Reading the Anthropocene* Aug 29 2019 Reading poetry and prose, images and art, literary and critical theory, science and cultural studies, *Close Reading the Anthropocene* explores the question of meaning, its importance and immanent potential for loss, in the new geological epoch of the Anthropocene. Both close reading and scientific ecology prioritize slowing down and looking around to apprehend similarities and differences, to recognize and value interconnections. Here "close" suggests careful attention to both the reading subject and read "object." Moving between places, rocks, plants, animals, atmosphere, and eclipses, this interdisciplinary edited collection grounds the complex relations between text and world in the environmental humanities. The volume's wide-ranging chapters are critical, often polemical, engagements with the question of the Anthropocene and the changing conversation around reading, interpretation, and textuality. They exemplify a range of work from across the

globe and will be of great interest to scholars and students of the environmental humanities, ecocriticism, and literary studies.

**Ecocriticism on the Edge** Apr 05 2020 The twenty-first century has seen an increased awareness of the forms of environmental destruction that cannot immediately be seen, localised or, by some, even acknowledged. *Ecocriticism on the Edge* explores the possibility of a new mode of critical practice, one fully engaged with the destructive force of the planetary environmental crisis. Timothy Clark argues that, in literary and cultural criticism, the "Anthropocene", which names the epoch in which human impacts on the planet's ecological systems reach a dangerous limit, also represents a threshold at which modes of interpretation that once seemed sufficient or progressive become, in this new counterintuitive context, inadequate or even latently destructive. The book includes analyses of literary works, including texts by Paule Marshall, Gary Snyder, Ben Okri, Henry Lawson, Lorrie Moore and Raymond Carver.

**Learning to Die in the Anthropocene** Oct 31 2019 "In *Learning to Die in the Anthropocene*, Roy Scranton draws on his experiences in Iraq to confront the grim realities of climate change. The result is a fierce and provocative book."--Elizabeth Kolbert, Pulitzer Prize-winning author of *The Sixth Extinction: An Unnatural History* "Roy Scranton's *Learning to Die in the Anthropocene* presents, without extraneous bullshit, what we must do to survive on Earth.

It's a powerful, useful, and ultimately hopeful book that more than any other I've read has the ability to change people's minds and create change. For me, it crystallizes and expresses what I've been thinking about and trying to get a grasp on. The economical way it does so, with such clarity, sets the book apart from most others on the subject."--Jeff VanderMeer, author of the Southern Reach trilogy "Roy Scranton lucidly articulates the depth of the climate crisis with an honesty that is all too rare, then calls for a reimagined humanism that will help us meet our stormy future with as much decency as we can muster. While I don't share his conclusions about the potential for social movements to drive ambitious mitigation, this is a wise and important challenge from an elegant writer and original thinker. A critical intervention."--Naomi Klein, author of *This Changes Everything: Capitalism vs. the Climate* "Concise, elegant, erudite, heartfelt & wise."--Amitav Ghosh, author of *Flood of Fire* "War veteran and journalist Roy Scranton combines memoir, philosophy, and science writing to craft one of the definitive documents of the modern era."--The Believer Best Books of 2015 Coming home from the war in Iraq, US Army private Roy Scranton thought he'd left the world of strife behind. Then he watched as new calamities struck America, heralding a threat far more dangerous than ISIS or Al Qaeda: Hurricane Katrina, Superstorm Sandy, megadrought--the shock and awe of global warming. Our world is changing. Rising seas,



spiking temperatures, and extreme weather imperil global infrastructure, crops, and water supplies. Conflict, famine, plagues, and riots menace from every quarter. From war-stricken Baghdad to the melting Arctic, human-caused climate change poses a danger not only to political and economic stability, but to civilization itself . . . and to what it means to be human. Our greatest enemy, it turns out, is ourselves. The warmer, wetter, more chaotic world we now live in--the Anthropocene--demands a radical new vision of human life. In this bracing response to climate change, Roy Scranton combines memoir, reportage, philosophy, and Zen wisdom to explore what it means to be human in a rapidly evolving world, taking readers on a journey through street protests, the latest findings of earth scientists, a historic UN summit, millennia of geological history, and the persistent vitality of ancient literature. Expanding on his influential New York Times essay (the #1 most-emailed article the day it appeared, and selected for Best American Science and Nature Writing 2014), Scranton responds to the existential problem of global warming by arguing that in order to survive, we must come to terms with our mortality. Plato argued that to philosophize is to learn to die. If that's true, says Scranton, then we have entered humanity's most philosophical age--for this is precisely the problem of the Anthropocene. The trouble now is that we must learn to die not as individuals, but as a civilization. Roy Scranton has

published in the New York Times, Wall Street Journal, Rolling Stone, Boston Review, and Theory and Event, and has been interviewed on NPR's Fresh Air, among other media. *The Shock of the Anthropocene* Oct 12 2020 Dissecting the new theoretical buzzword of the "Anthropocene" The Earth has entered a new epoch: the Anthropocene. What we are facing is not only an environmental crisis, but a geological revolution of human origin. In two centuries, our planet has tipped into a state unknown for millions of years. How did we get to this point? Refuting the convenient view of a "human species" that upset the Earth system, unaware of what it was doing, this book proposes the first critical history of the Anthropocene, shaking up many accepted ideas: about our supposedly recent "environmental awareness," about previous challenges to industrialism, about the manufacture of ignorance and consumerism, about so-called energy transitions, as well as about the role of the military in environmental destruction. In a dialogue between science and history, *The Shock of the Anthropocene* dissects a new theoretical buzzword and explores paths for living and acting politically in this rapidly developing geological epoch. [Environmental Politics and Governance in the Anthropocene](#) Aug 10 2020 The term Anthropocene denotes a new geological epoch characterized by the unprecedented impact of human activities on the Earth's ecosystems. While the natural sciences have advanced their

understanding of the drivers and processes of global change considerably over the last two decades, the social sciences lag behind in addressing the fundamental challenge of governance and politics in the Anthropocene. This book attempts to close this crucial research gap, in particular with regards to the following three overarching research themes: (i) the meaning, sense-making and contestations emerging around the concept of the Anthropocene related to the social sciences; (ii) the role and relevance of institutions, both formal and informal as well as international and transnational, for governing in the Anthropocene; and (iii) the role and relevance of accountability and other democratic principles for governing in the Anthropocene. Drawing together a range of key thinkers in the field, this volume provides one of the first authoritative assessments of global environmental politics and governance in the Anthropocene, reflecting on how the planetary scale crisis changes the ways in which humans respond to the challenge. This volume will be of great interest to students and scholars of global environmental politics and governance, and sustainable development. **Anthropocene** Sep 03 2022 Climate scientists, geologists, ecologists, and archaeologists recognize the profound effects of human activity on Earth, though whether and how this should be recognized as a formal geological epoch - the Anthropocene - remains under debate, Erle Ellis describes how the

Anthropocene concept is affecting the sciences, humanities, and politics.

Eating Chilli Crab in the Anthropocene Oct 24 2021 In this era of climate crisis, in which our very futures are at stake, sustainability is a global imperative. Yet we tend to associate sustainability, nature, and the environment with distant places, science, and policy. The truth is that everything is environmental, from transportation to taxes, work to love, cities to cuisine. This book is the first to examine contemporary Singapore from an ecocultural lens, looking at the ways that Singaporean life and culture is deeply entangled with the nonhuman lives that flourish all around us. The authors represent a new generation of cultural critics and environmental thinkers, who will inherit the future we are creating today. From chilli crab to Tiger Beer, Changi Airport to Pulau Semakau, O-levels to orang minyak films, these essays offer fresh perspectives on familiar subjects, prompting us to recognise the incredible urgency of climate change and the need to transform our ways of thinking, acting, learning, living, and governing so as to maintain a stable planet and a decent future.

Adventures in the Anthropocene Jun 19 2021 Explore the impact of humans on the planet in this beautiful new edition of Gaia Vincent's powerful work. In recent decades human beings have altered the planet beyond anything it has experienced in its 4.5 billion-year history. We have become a force on a par with earth-shattering asteroids and planet-cloaking

volcanoes. As a result, our planet is said to be crossing a geological boundary - from the Holocene into the Anthropocene, or the Age of Man. Gaia Vince quit her job to travel the world and to explore what all these changes really mean to our daily lives. She discovers the shocking ways in which we have reshaped our living planet and reveals the ingenious solutions we've evolved to engineer Earth for the future. PATTERNS OF LIFE: SPECIAL EDITIONS OF GROUNDBREAKING SCIENCE BOOKS

**The Anthropocene and the Global Environmental Crisis** Jul 21 2021 The Anthropocene, in which humankind has become a geological force, is a major scientific proposal; but it also means that the conceptions of the natural and social worlds on which sociology, political science, history, law, economics and philosophy rest are called into question. The Anthropocene and the Global Environmental Crisis captures some of the radical new thinking prompted by the arrival of the Anthropocene and opens up the social sciences and humanities to the profound meaning of the new geological epoch, the 'Age of Humans'. Drawing on the expertise of world-recognised scholars and thought-provoking intellectuals, the book explores the challenges and difficult questions posed by the convergence of geological and human history to the foundational ideas of modern social science. If in the Anthropocene humans have become a force of nature, changing the functioning of the

Earth system as volcanism and glacial cycles do, then it means the end of the idea of nature as no more than the inert backdrop to the drama of human affairs. It means the end of the 'social-only' understanding of human history and agency. These pillars of modernity are now destabilised. The scale and pace of the shifts occurring on Earth are beyond human experience and expose the anachronisms of 'Holocene thinking'. The book explores what kinds of narratives are emerging around the scientific idea of the new geological epoch, and what it means for the 'politics of unsustainability'.

Urgency in the Anthropocene May 19 2021 A proposal to reframe the Anthropocene as an age of actual and emerging coexistence with earth system variability, encompassing both human dignity and environmental sustainability. Is this the Anthropocene, the age in which humans have become a geological force, leaving indelible signs of their activities on the earth? The narrative of the Anthropocene so far is characterized by extremes, emergencies, and exceptions—a tale of apocalypse by our own hands. The sense of ongoing crisis emboldens policy and governance responses that challenge established systems of sovereignty and law. The once unacceptable—geoengineering technology, for example, or authoritarian decision making—are now anticipated and even demanded by some. To counter this, Amanda Lynch and Siri Veland propose a reframing of

the Anthropocene—seeing it not as a race against catastrophe but as an age of emerging coexistence with earth system variability. Lynch and Veland examine the interplay between our new state of ostensible urgency and the means by which this urgency is identified and addressed. They examine how societies, including Indigenous societies, have understood such interplays; explore how extreme weather and climate weave into the Anthropocene narrative; consider the tension between the short time scale of disasters and the longer time scale of sustainability; and discuss both international and national approaches to Anthropocene governance. Finally, they argue for an Anthropocene of coexistence that embraces both human dignity and sustainability.

*Paul J. Crutzen and the Anthropocene: A New Epoch in Earth's History* Oct 04 2022 This book outlines the development and perspectives of the Anthropocene concept by Paul J. Crutzen and his colleagues from its inception to its implications for the sciences, humanities, society and politics. The main text consists primarily of articles from peer-reviewed scientific journals and other scholarly sources. It comprises selected articles on the Anthropocene published by Paul J. Crutzen and a selection of related articles, mostly but not exclusively by colleagues with whom he collaborated closely. " In the year 2000 Nobel Laureate Paul J. Crutzen proposed the Anthropocene concept as a new epoch in

Earth's history " Comprehensive collection of articles on the Anthropocene by Paul J. Crutzen and his colleagues " Unique primary research literature and Crutzen's comprehensive bibliography " Paul Crutzen's scientific investigations into human influences on atmospheric chemistry and physics, the climate and the Earth system, leading to the conception of the Anthropocene " Reflections on the Anthropocene and its implications " Bibliometric review of the spread of the use of the Anthropocene concept in the Natural and Social Sciences, Humanities and Law. *Facing the Anthropocene* Jan 27 2022 Science tells us that a new and dangerous stage in planetary evolution has begun—the Anthropocene, a time of rising temperatures, extreme weather, rising oceans, and mass species extinctions. Humanity faces not just more pollution or warmer weather, but a crisis of the Earth System. If business as usual continues, this century will be marked by rapid deterioration of our physical, social, and economic environment. Large parts of Earth will become uninhabitable, and civilization itself will be threatened. Facing the Anthropocene shows what has caused this planetary emergency, and what we must do to meet the challenge. Bridging the gap between Earth System science and ecological Marxism, Ian Angus examines not only the latest scientific findings about the physical causes and consequences of the Anthropocene transition, but also the social and economic

trends that underlie the crisis. Cogent and compellingly written, *Facing the Anthropocene* offers a unique synthesis of natural and social science that illustrates how capitalism's inexorable drive for growth, powered by the rapid burning of fossil fuels that took millions of years to form, has driven our world to the brink of disaster. Survival in the Anthropocene, Angus argues, requires radical social change, replacing fossil capitalism with a new, ecosocialist civilization.

*The Anthropocene* Apr 29 2022 More than a decade ago, Nobel Prize-winning atmospheric chemist Paul Crutzen first suggested that we were now living in the Anthropocene, a new geological epoch in which human dominance of biological, chemical and geological processes on Earth was already an undeniable reality. Crutzen's ideas inspired Christian Schwagerl to do further documentation and to write this stimulating book. Well-equipped to take on such a task, Schwagerl has been a political, science and environmental journalist for more than 20 years. He first studied biology at the University of Berlin, completing his Master of Science degree at the University of Reading (UK). He is a past winner of the Georg von Holtzbrinck Prize for Science Journalism, the IUCN-Reuters Media Awards for excellence in Environmental Reporting (Category Europe, together with Philip Bethge and Rafaela von Bredow) and the Econsense Journalism Award for sustainability.

**Conservation for the Anthropocene Ocean**

Feb 02 2020 Conservation for the Anthropocene Ocean: Interdisciplinary Science in Support of Nature and People emphasizes strategies to better connect the practice of marine conservation with the needs and priorities of a growing global human population. It conceptualizes nature and people as part of shared ecosystems, with interdisciplinary methodologies and science-based applications for coupled sustainability. A central challenge facing conservation is the development of practical means for addressing the interconnectedness of ecosystem health and human well-being, advancing the fundamental interdisciplinary science that underlies conservation practice, and implementing this science in decisions to manage, preserve, and restore ocean ecosystems. Though humans have intentionally and unintentionally reshaped their environments for thousands of years, the scale and scope of human influence upon the oceans in the Anthropocene is unprecedented. Ocean science has increased our knowledge of the threats and impacts to ecological integrity, yet the unique scale and scope of changes increases uncertainty about responses of dynamic socio-ecological systems. Thus, to understand and protect the biodiversity of the ocean and ameliorate the negative impacts of ocean change on people, it is critical to understand human beliefs, values, behaviors, and impacts. Conversely, on a human-dominated planet, it is impossible to understand and address human well-being and

chart a course for sustainable use of the oceans without understanding the implications of environmental change for human societies that depend on marine ecosystems and resources. This work therefore presents a timely, needed, and interdisciplinary approach to the conservation of our oceans. Helps marine conservation scientists apply principles from oceanography, ecology, anthropology, economics, political science, and other natural and social sciences to manage and preserve marine biodiversity Facilitates understanding of how and why social and environmental processes are coupled in the quest to achieve healthy and sustainable oceans Uses a combination of expository material, practical approaches, and forward-looking theoretical discussions to enhance value for readers as they consider conservation research, management and planning *Sustainability and Peaceful Coexistence for the Anthropocene* Jan 03 2020 The rapid industrialization of societies has resulted in radical changes to the Earth's biosphere and its local ecosystems. Climate scientists have recorded and forecasted worrying global temperature rises going back to the early twentieth century, while biologists and palaeontologists have suggested that the next mass extinction is on its way if the current rate of species loss continues. To avert further ecological damage, excessive natural resource use and environmental deterioration are challenges that humanity must deal with now.

The human species has had such a significant impact on the natural environment that the present geological epoch can be referred to as the 'Anthropocene', the age of humans. The blame and responsibility for the prevailing unsustainability, however, cannot be assigned equally to all humans. To analyse the root problems and consequences of unsustainable development, as well as to outline rigorous solutions for the contemporary age, this transdisciplinary book brings together natural and social sciences under the rubric of the Anthropocene. The book identifies the central preconditions for social organization and governance to enable the peaceful coexistence of humans and the non-human world. The contributors investigate the burning questions of sustainability from a number of different perspectives including geosciences, economics, law, organizational studies, political theory and philosophy. The book is a state-of-the-art review of the Anthropocene debate and provides crucial signposts for how human activities can, and should, be changed.

**The Human Planet** Jan 15 2021 Meteorites, methane, mega-volcanoes and now human beings; the old forces of nature that transformed Earth many millions of years ago are joined by another: us. Our actions have driven Earth into a new geological epoch, the Anthropocene. For the first time in our home planet's 4.5-billion year history a single species is dictating Earth's future. To some the Anthropocene symbolises a future of

superlative control of our environment. To others it is the height of hubris, the illusion of our mastery over nature. Whatever your view, just below the surface of this odd-sounding scientific word, the Anthropocene, is a heady mix of science, philosophy, religion and politics linked to our deepest fears and utopian visions. Tracing our environmental impact through time to reveal when humans began to dominate Earth, Simon Lewis and Mark Maslin show what the new epoch means for the future of humanity, the planet and life itself.

### **The Birth of the Anthropocene** Jul 01 2022

The world faces an environmental crisis unprecedented in human history. Carbon dioxide levels have reached heights not seen for three million years, and the greatest mass extinction since the time of the dinosaurs appears to be underway. Such far-reaching changes suggest something remarkable: the beginning of a new geological epoch. It has been called the Anthropocene. The Birth of the Anthropocene shows how this epochal transformation puts the deep history of the planet at the heart of contemporary environmental politics. By opening a window onto geological time, the idea of the Anthropocene changes our understanding of present-day environmental destruction and injustice. Linking new developments in earth science to the insights of world historians, Jeremy Davies shows that as the Anthropocene epoch begins, politics and geology have become inextricably entwined.

**Love in the Anthropocene** Jul 09 2020 “Dale Jamieson and Bonnie Nadzam cause us to think—and to feel—what life will be like in a future where nothing is left that is spontaneous, accidental, or uncontrolled. A beautiful—and frightening—book.” —Naomi Oreskes, professor, history of science, Harvard; author, Merchants of Doubt “Nadzam's prose is just gorgeous—she writes about people and skies and mountains and landscapes with incredible precision and appreciation of beauty. A reader can swim in these sentences and soak up the landscape via the prose with great pleasure.” —Aimee Bender on Bonnie Nadzam's Lamb “I started reading [Jamieson's prose] and couldn't stop... Part of what's mesmerizing about climate change is its vastness across both space and time. Jamieson, by elucidating our past failures and casting doubt on whether we'll ever do any better, situates it within a humanely scaled context.” —Jonathan Franzen on Dale Jamieson's Reason in a Dark Time An audacious collaboration between an award-winning novelist and a leading environmental philosopher, Love in the Anthropocene taps into one of the hottest topics of the day, literally and figuratively—our corrupted environment—to deliver five related stories (“Flyfishing,” “Carbon,” “Holiday,” “Shanghai,” and “Zoo”) that investigate a future bereft of natural environments, introduced with a discussion on the Anthropocene—the Age of Humanity—and concluding with an essay on love. The “love” these writer/philosophers investigate and

celebrate is as much a constant as is human despoliation of the planet; it is what defines us, and it is what may save us. Science fiction, literary fiction, philosophical meditation, manifesto? All the above. This unique work is destined to become an essential companion—a primer, really—to life in the 21st century.

**Making the Most of the Anthropocene** Nov 24 2021 Humans have changed the Earth so profoundly that we've ushered in the first new geologic period since the ice ages. So, what are we going to do about it? Ever since Nobel Prize-winning atmospheric chemist Paul Crutzen coined the term "Anthropocene" to describe our current era—one in which human impact on the environment has pushed Earth into an entirely new geological epoch—arguments for and against the new designation have been raging. Finally, an official working group of scientists was created to determine once and for all whether we humans have tossed one too many plastic bottles out the car window and wrought a change so profound as to be on par with the end of the last ice age. In summer 2016, the answer came back: Yes. In Making the Most of the Anthropocene, scientist Mark Denny tackles this hard truth head-on and considers burning questions: How did we reach our present technological and ecological state? How are we going to cope with our uncertain future? Will we come out of this, or are we doomed as a species? Is there anything we can do about what happens next? This book • explains what

the Anthropocene is and why it is important • offers suggestions for minimizing harm instead of fretting about an impending environmental apocalypse • combines easy-to-grasp scientific, technological, economic, and anthropological analyses In Making the Most of the Anthropocene, there are no equations, no graphs, and no impenetrable jargon. Instead, you'll find a fascinating cast of characters, including journalists from outer space, peppered moths, and unjustly maligned Polynesians. In his bright, lively voice, Denny envisions a future that balances reaction and reason, one in which humanity emerges bloody

but unbowed—and in which those of us who are prepared can make the most of the Anthropocene.

**Rivers of the Anthropocene** Dec 26 2021 At publication date, a free ebook version of this title will be available through Luminos, University of California Press's Open Access publishing program. Visit [www.luminoso.org](http://www.luminoso.org) to learn more. This exciting volume presents the work and research of the Rivers of the Anthropocene Network, an international collaborative group of scientists, social scientists, humanists, artists, policy makers,

and community organizers working to produce innovative transdisciplinary research on global freshwater systems. In an attempt to bridge disciplinary divides, the essays in this volume address the challenge in studying the intersection of biophysical and human sociocultural systems in the age of the Anthropocene, a new geological epoch of humans' own making. Featuring contributions from authors in a rich diversity of disciplines—from toxicology to archaeology to philosophy—this book is an excellent resource for students and scholars studying both freshwater systems and the Anthropocene.