
Anthropocene (2023)

Break Up the Anthropocene Governing the Anthropocene Urgency in the Anthropocene Anthropocene Fictions Rivers of the Anthropocene Anthropocene Islands Anthropocene Unseen Sustainable Development in the Anthropocene The Human Planet Stories and Organization in the Anthropocene Anthropocene Poetics Learning to Die in the Anthropocene Anthropocene: A Very Short Introduction The Anthropocene Reviewed (Signed Edition) The Anthropocene and the Humanities Infrastructure, Environment, and Life in the Anthropocene Shadowing the Anthropocene Anthropocene Reading Social Representations for the Anthropocene: Latin American Perspectives Interrogating the Anthropocene The Anthropocene Lyric The Anthropocene Searching for the Anthropocene Alliances in the Anthropocene Fiction and the Sixth Mass Extinction Geoengineering, the Anthropocene and the End of Nature The Anthropocene Planting the Anthropocene Philosophy of the Anthropocene Film in the Anthropocene Demography and the Anthropocene The Anthropocene Reviewed After the Anthropocene Encyclopedia of the Anthropocene The Global Water System in the Anthropocene Paul J. Crutzen and the Anthropocene: A New Epoch in Earth's History Planetary Social Thought The Birth of the Anthropocene Coral Reefs in the Anthropocene Mental Health and Wellbeing in the Anthropocene

Break Up the Anthropocene

2019-05-29

takes the singular eco catastrophic age of man and redefines this epoch we live in a new world the anthropocene the age of man is defined in many ways and most dramatically through climate change mass extinction and human marks in the geological record ideas of the anthropocene spill out from the geophysical sciences into the humanities social sciences the arts and mainstream debates but it s hard to know what the new coinage really means break up the anthropocene argues that this age should subvert imperial masculinity and industrial conquest by opening up the plural possibilities of anthropocene debates of resilience adaptation and the struggle for environmental justice forerunners ideas first short books of thought in process scholarship where intense analysis questioning and speculation take the lead

Governing the Anthropocene

2020-12-19

this book focuses on the present and future challenges of managing ecosystem transformation on a planet where human impacts are pervasive in this new epoch the anthropocene the already rapid rate of species loss is amplified by climate change and other stress factors causing transformation of highly valued landscapes many locations are already transforming into novel ecosystems where new species interactions and ecological functions are creating landscapes unlike anything seen before this has sparked contentious debate not just about science but about decision making responsibility fairness and human capacity to intervene clement argues that the social and ecological reality of the anthropocene requires modernised governance and policy to confront these new challenges and achieve ecological objectives there is a real opportunity to enable society to cope with transformed ecosystems by changing governance but this is notoriously difficult aimed at anyone involved in these conversations be those researchers practitioners decision makers or students this book brings together diffuse research exploring how to confront institutional change and ecological transformation in different contexts and provides insight into how to translate governance concepts into productive pathways forward

Urgency in the Anthropocene

2018-11-20

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

Anthropocene Fictions

2015-04-20

since the industrial revolution humans have transformed the earth's atmosphere committing our planet to more extreme weather rising sea levels melting polar ice caps and mass extinction this period of observable human impact on the earth's ecosystems has been called the anthropocene age the anthropogenic climate change that has impacted the earth has also affected our literature but criticism of the contemporary novel has not adequately recognized the literary response to this level of environmental crisis ecocriticism's theories of place and planet meanwhile are troubled by a climate that is neither natural nor under human control anthropocene fictions is the first systematic examination of the hundreds of novels that have been written about anthropogenic climate change drawing on climatology the sociology and philosophy of science geography and environmental economics adam trexler argues that the novel has become an essential tool to construct meaning in an age of climate change the novel expands the reach of climate science beyond the laboratory or model turning abstract predictions into subjectively tangible experiences of place identity and culture political and economic organizations are also being transformed by their struggle for sustainability in turn the novel has been forced to adapt to new boundaries between truth and fabrication nature and economies and individual choice and larger systems of natural phenomena anthropocene fictions argues that new modes of inhabiting climate are of the utmost critical and political importance when unprecedented scientific consensus has failed to lead to action under the sign of nature explorations in ecocriticism

Rivers of the Anthropocene

2018

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 luminosoa.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

Anthropocene Islands

2021-06-09

a must read a new analytical agenda for the anthropocene coherently drawing out the power of thinking with islands elena burgos martinez leiden university this is an essential book the analytics they propose offer both a critical agenda for island studies and compass points through which to navigate the haunting past troubling present and precarious future craig santos perez university of hawai i manoa all academic books should be like this hard to put down informative careful sometimes devastating yet absolutely necessary if you read one book about the anthropocene let it be this you will never think of islands in the same way again kimberley peters university of oldenburg a unique journey into the anthropocene critical generous and compelling nigel clark lancaster university the island has become a key figure of the anthropocene an epoch in which human entanglements with nature come increasingly to the fore for a long time islands were romanticised or marginalised seen as lacking modernity s capacities for progress vulnerable to the effects of catastrophic climate change and the afterlives of empire and coloniality today however the island is increasingly important for both policy oriented and critical imaginaries that seek more positively to draw upon the island s liminal and disruptive capacities especially the relational entanglements and sensitivities its peoples and modes of life are said to exhibit anthropocene islands entangled worlds explores the significant and widespread shift to working with islands for the generation of new or alternative approaches to knowledge critique and policy practices it explains how contemporary anthropocene thinking takes a particular interest in islands as entangled worlds which break down the human nature divide of modernity and enable the generation of new or alternative approaches to ways of being ontology and knowing epistemology the book draws out core analytics which have risen to prominence resilience patchworks correlation and storiation as contemporary policy makers scholars critical theorists artists poets and activists work with islands to move beyond the constraints of modern approaches in doing so it argues that engaging with islands has become increasingly important for the generation of some of the core frameworks of contemporary thinking and concludes with a new critical agenda for the anthropocene

Anthropocene Unseen

2020

the idea of the anthropocene often generates an overwhelming sense of abjection or apathy it occupies the imagination as a set of circumstances that counterpose individual human actors against ungraspable scales and impossible odds there is much at stake in how we understand the implications of this planetary imagination and how to plot paths from this present to other less troubling futures with anthropocene unseen a lexicon the editors aim at a resource helpful for this task a catalog of ways to pluralize and radicalize our picture of the anthropocene to make it speak more effectively to a wider range of contemporary human societies and circumstances organized as a lexicon for troubled times each entry in this book recognizes the gravity of the global forecasts that invest the present with its widespread air of crisis urgency and apocalyptic possibility each also finds value in smaller scales of analysis capturing the magnitude of an epoch in the unique resonances afforded by a single word the holocene may have been the age in which we learned our letters but we are faced now with circumstances that demand more experimental plasticity alternative ways of perceiving a moment can bring a halt to habitual action opening a space for slantwise movements through the shock of the unexpected each small essay in this lexicon is meant to do just this drawing from anthropology literary studies artistic practice and other humanistic endeavors to open up the range of possible action by contributing some other concrete way of seeing the present each entry proposes a different way of conceiving this earth from some grounded place always in a manner that aims to provoke a different imagination of the anthropocene as a whole the anthropocene is a world engulfing concept drawing

every thing and being imaginable into its purview both in terms of geographic scale and temporal duration pronouncing an epoch in our own name may seem the ultimate act of apex species self aggrandizement a picture of the world as dominated by ourselves can we learn new ways of being in the face of this challenge approaching the transmogrification of the ecosphere in a spirit of experimentation rather than catastrophic risk and existential dismay this lexicon is meant as a site to imagine and explore what human beings can do differently with this time and with its sense of peril cymene howe is associate professor in the department of anthropology and founding faculty of the center for energy and environmental research in the human sciences cenhs at rice university she is the author of intimate activism duke 2013 and ecologies wind and power in the anthropocene duke 2019 cymene was co editor for the journal cultural anthropology and the johns hopkins guide to social theory and she co hosts the weekly cultures of energy podcast anand pandian is associate professor in the department of anthropology at johns hopkins university he is author of reel world an anthropology of creation duke 2015 and crooked stalks cultivating virtue in south india duke 2009 among other book as well as the co editor of race nature and the politics of difference duke 2003 and crumpled paper boat duke 2017

Sustainable Development in the Anthropocene

2021-09-16

in the anthropocene sustainable development responds to socio economic environmental and political crises provoked by humankind due to global warming and the great acceleration of human intervention in ecosystems this book introduces readers to current debates on sustainable development and to a holistic and multidisciplinary approach regional integration and supranational institutions are fundamental for sustainable development the democratisation of the international system requires a new multilateralism global problems of demography economic ideology of unlimited growth the prevailing technocratic paradigm consumerism problems of waste fossil fuels industrial food production use of fertilisers water management and climate change are discussed and the importance of multilateral agreements for security sustainable peace and development is explored this planetary crisis may be solved by international cooperation based on the un sustainable development goals this book provides a concise synthesis of the main subjects of sustainable development studies links development studies to multilateral diplomacy as practised by un bodies and organisations gives a new holistic and multidisciplinary approach to environmental and social sciences in the anthropocene epoch

The Human Planet

2022-04-12

an exploration of the anthropocene and a relentless reckoning of how we as a species got ourselves into the mess we re in today the wall street journal meteorites mega volcanoes and plate tectonics the old forces of nature have transformed earth for millions of years they are now joined by a new geological force humans 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 increasingly dictating earth s future to some the anthropocene symbolizes 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 history and politics linked to our deepest fears and utopian visions tracing our environmental impacts through time scientists simon lewis and mark maslin reveal a new view of human history and a new outlook for the

future of humanity in the unstable world we have created

Stories and Organization in the Anthropocene

2021-08-30

this book is about the stories being told in the anthropocene stories of irreparable damage being done to the global ecosystem of sustainable growth of dystopian collapse of continued interspecies flourishing of gaia and of accelerating capitalism s dynamics in order to discover its outside stories of change stories of hope against them all this book seeks to braid together a particular thread of storying in order to speak to the emergence of the mall at the end of the world a space where a new politics of spectral capitalism is played out in doing so we reflect that there never was any outside to capital that it can live forever its performances and spectacles being preserved despite global ecological collapse this book seeks to understand the nascence of the mall at the end of the world and the new people thoughts and dreams that come with it

Anthropocene Poetics

2019-02-19

how poetry can help us think about and live in the anthropocene by reframing our intimate relationship with geological time the anthropocene describes how humanity has radically intruded into deep time the vast timescales that shape the earth system and all life forms that it supports the challenge it poses how to live in our present moment alongside deep pasts and futures brings into sharp focus the importance of grasping the nature of our intimate relationship with geological time in anthropocene poetics david farrier shows how contemporary poetry by elizabeth bishop seamus heaney evelyn reilly and christian bök among others provides us with frameworks for thinking about this uncanny sense of time looking at a diverse array of lyric and avant garde poetry from three interrelated perspectives the anthropocene and the material turn in environmental philosophy the plantationocene and the role of global capitalism in environmental crisis and the emergence of multispecies ethics and extinction studies farrier rethinks the environmental humanities from a literary critical perspective anthropocene poetics puts a concern with deep time at the center defining a new poetics for thinking through humanity s role as geological agents the devastation caused by resource extraction and the looming extinction crisis

Learning to Die in the Anthropocene

2015-09-07

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

Anthropocene: A Very Short Introduction

2018-02-22

the proposal that the impact of humanity on the planet has left a distinct footprint even on the scale of geological time has recently gained much ground global climate change shifting global cycles of the weather widespread pollution radioactive fallout plastic accumulation species invasions the mass extinction of species these are just some of the many indicators that we will leave a lasting record in rock the scientific basis for recognizing new time intervals in earth s history the anthropocene as the proposed new epoch has been named is regularly in the news even with such robust evidence the proposal to formally recognize our current time as the anthropocene remains controversial both inside and outside the scholarly world kindling intense debates the reason is clear the anthropocene represents far more than just another interval of geologic time instead the anthropocene has emerged as a powerful new narrative a concept through which age old questions about the meaning of nature and even the nature of humanity are being revisited and radically revised this very short introduction explains the science behind the anthropocene and the many proposals about when to mark its beginning the nuclear tests of the 1950s the beginnings of agriculture the origins of humans as a species erle ellis considers the many ways that the anthropocene s evolving paradigm is reshaping the sciences stimulating the humanities and foregrounding the politics of life on a planet transformed by humans the

anthropocene remains a work in progress is this the story of an unprecedented planetary disaster or of newfound wisdom and redemption ellis offers an insightful discussion of our role in shaping the planet and how this will influence our future on many fronts about the series the very short introductions series from oxford university press contains hundreds of titles in almost every subject area these pocket sized books are the perfect way to get ahead in a new subject quickly our expert authors combine facts analysis perspective new ideas and enthusiasm to make interesting and challenging topics highly readable

The Anthropocene Reviewed (Signed Edition)

2021-05-18

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 a open hearted exploration of the paths we forge and an unironic celebration of falling in love with the world this is a signed edition

The Anthropocene and the Humanities

2020-01-01

a wide ranging and original introduction to the anthropocene the age of humanity that offers fresh theoretical insights bridging the sciences and the humanities from noted environmental historian carolyn merchant this book focuses on the original concept of the anthropocene first proposed by paul crutzen and eugene stoermer in their foundational 2000 paper it undertakes a broad investigation into the ways in which science technology and the humanities can create a new and compelling awareness of human impacts on the environment using history art literature religion philosophy ethics and justice as the focal points merchant traces key figures and developments in the humanities throughout the anthropocene era and explores how these disciplines might influence sustainability in the next century wide ranging and accessible this book from an eminent scholar in environmental history and philosophy argues for replacing the age of the anthropocene with a new age of sustainability

Infrastructure, Environment, and Life in the Anthropocene

2018-12-31

infrastructure environment and life in the anthropocene explores life in the age of climate change through a series of infrastructural puzzles sites at which it has become impossible to disentangle the

natural from the built environment with topics ranging from breakwaters built of oysters underground rivers made by leaky pipes and architecture gone weedy to neighborhoods partially submerged by rising tides the contributors explore situations that destabilize the concepts we once relied on to address environmental challenges they take up the challenge that the anthropocene poses both to life on the planet and to our social scientific understanding of it by showing how past conceptions of environment and progress have become unmoored and what this means for how we imagine the future contributors nikhil anand andrea ballestero bruce braun ashley carse gastón r gordillo kregg hetherington casper bruun jensen joseph masco shaylih muehlmann natasha myers stephanie wakefield austin zeiderman

Shadowing the Anthropocene

2018

a spectre is haunting humanity the spectre of a reality that will outwit and in the end bury us the anthropocene or the human era is an attempt to name our geological fate that we will one day disappear into the layer cake of earth's geology while highlighting humanity in the starring role of today's earthly drama in shadowing the anthropocene adrian ivakhiv proposes an ecological realism that takes as its starting point humanity's eventual demise the only question for a realist today he suggests is what to do now and what quality of compost to leave behind with our burial the book engages with the challenges of the anthropocene and with a series of philosophical efforts to address them including those of slavoj zizek and charles taylor graham harman and timothy morton isabelle stengers and bruno latour and william connolly and jane bennett along the way there are volcanic eruptions and revolutions ant cities and dog parks data clouds and space junk pagan gods and sacrificial altars dark flow souls of things and jazz ivakhiv draws from centuries old process relational thinking that hearkens back to daoist and buddhist sages but gains incisive re invigoration in the philosophies of charles sanders peirce and alfred north whitehead he translates those insights into practices of engaged anthropocenic bodymindfulness aesthetic ethical and ecological practices for living in the shadow of the anthropocene

Anthropocene Reading

2017-10-13

few terms have garnered more attention recently in the sciences humanities and public sphere than the anthropocene the proposed epoch in which a human signature appears in the lithostratigraphic record anthropocene reading considers the implications of this concept for literary history and critical method entering into conversation with geologists and geographers this volume reinterprets the cultural past in relation to the anthropogenic transformation of the earth system while showcasing how literary analysis may help us conceptualize this geohistorical event the contributors examine how a range of literary texts from the tempest to contemporary dystopian novels to the poetry of emily dickinson mediate the convergence of the social institutions energy regimes and planetary systems that support the reproduction of life they explore the long standing dialogue between imaginative literature and the earth sciences and show how scientists novelists and poets represent intersections of geological and human timescales the deep past and a posthuman future political exigency and the carbon cycle accessibly written and representing a range of methodological perspectives the essays in this volume consider what it means to read literary history in the anthropocene contributors include juliana chow jeffrey jerome cohen thomas h ford anne lise françois noah heringman matt hooley stephanie lemenager dana luciano steve mentz benjamin morgan justin neuman jennifer wenzel and derek woods

Social Representations for the Anthropocene: Latin American Perspectives

2021-04-30

the anthropocene has become a field of studies in which the influence of human activity on the earth system and nature is both the main threat and the potential solution social representations theory has been evolving since the 1960s it links knowledge and practice in everyday life and is an effective way to deal with systemic crises based on common sense this book assembles key contributions by latin american scholars working with social representations in the social sciences that are of conceptual relevance to the study of the anthropocene and that investigate the societal consequences of complex interrelations between common sense and topics of global relevance such as the contradictions of sustainable development the construction of risks beyond risk perception health negotiation and governance in the field of education gender equality the usefulness of longitudinal and systemic ethnography and case studies and agency and the link between inequality crises and risk society in the context of covid 19 presenting theoretical and methodological innovations from spanish portuguese and french research that have rarely been available in english this is the first book to address the relevance of social representations theory for the anthropocene as a societal era it presents the multidisciplinary scope of social representations this book covers emerging research contributions in social representations theory from latin america this book presents innovative research and commentaries by established researchers in the field this multidisciplinary book should be in the libraries of many disciplines in the social sciences and humanities

Interrogating the Anthropocene

2018-05-09

this volume weaves together a variety of perspectives aimed at confronting a spectrum of ethico political global challenges arising in the anthropocene which affect the future of life on planet earth in this book the authors offer a multi faceted approach to address the consequences of its imaginary and projective directions the chapters span the disciplines of political economy cybernetics environmentalism bio science psychoanalysis bioacoustics documentary film installation art geoperformativity and glitch aesthetics the first section attempts to flesh out new aspects of current debates questions over the capitalocene are explored via confluences of class and climate revisiting the eco marxist analysis of capitalism and the financial system that thrives on debt the second section explores the imaginary narratives that raise questions regarding non human involvement the third section addresses geartistry the counter artistic responses to the specularization of climate disasters questioning eco documentaries and what a post anthropocentric art might look like the last section addresses the pedagogical response to the anthropocene

The Anthropocene Lyric

2015-06-11

this book 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

The Anthropocene

2019-09-11

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

Searching for the Anthropocene

2019-12-12

debated denied unheard of encompassing the anthropocene is a vexed topic and requires interdisciplinary imagination starting at the author's home in rural northern michigan and zooming out to perceive a dizzying global matrix christopher schaberg invites readers on an atmospheric impressionistic adventure with the environmental humanities searching for the anthropocene blends personal narrative cultural criticism and ecological thought to ponder human driven catastrophe on a planetary scale this book is not about defining or settling the anthropocene but rather about articulating what it's like to live in the anthropocene to live with a sense of its nagging presence even as the stakes grow higher with each passing year each oncoming storm

Alliances in the Anthropocene

2020-02-29

this book explores how fire plants and people coexist in the anthropocene in a time of dramatic environmental transformation the authors examine how human impacts on the planetary system are being felt at all levels from the geological and the arboreal to the atmospheric the book brings together the disciplines of human geography and art history to examine fire plant people alliances and multispecies world making the authors listen carefully to the narratives of bushfire survivors they embrace the responses of contemporary artists as practice becomes interwoven with fire as well as ruin and regrowth through visual textual and felt ways of being the chapters illuminate illustrate impress and imprint the imagined and actual agency of plants and people within a changing climate from aboriginal ecocultural burning to nuclear fire by holding grief and enacting hope the book shows how relationships come to be and are likely to change due to the interdependencies of fire plants and people in the anthropocene

Fiction and the Sixth Mass Extinction

2020-04-01

fiction and the sixth mass extinction is one of the first works to focus specifically on fiction's engagements with human driven extinction drawing together a diverse group of scholars and approaches this volume pairs established voices in the field with emerging scholars and traditionally recognized climate fiction cli fi with texts and media typically not associated with anthropocene fictions the result is a volume that both engages with and furthers existing work on anthropocene fiction as well as laying groundwork for the budding subfield of extinction fiction this volume takes up the collective insistence on the centrality of story to extinction studies in various and disparate ways each chapter engages with the stories we tell about extinction about the extinction of animal and plant life and about the extinction of human life itself answering the call to action of extinction studies these chapters explore what kinds of humanity caused this event and what kinds may live through it what cultural assumptions and values led to this event and which ones could lead out of it what relationships between human life and this planet allowed the sixth mass extinction and what alternative relationships could be possible

Geoengineering, the Anthropocene and the End of Nature

2019-05-17

this book takes a critical look at solar geoengineering as an acceptable means for addressing climate change baskin explores the assumptions and imaginaries which animate engineering the climate and discusses why this climate solution is so controversial the book explains geoengineering's past its revival in the mid 2000s and its future prospects including its shadow presence in the paris climate accord the main focus however is on dissecting solar geoengineering today its rationales underpinning knowledge relationship to power and the stance towards nature which accompanies it baskin explores three competing imaginaries associated with geoengineering an imperial imaginary an oppositional un-natural imaginary and a conspiratorial chemtrail imaginary he seeks to explain why solar geoengineering has struggled to gain approval and why resistance to it persists despite the support of several powerful actors he provocatively suggests that reconceptualising our present as the anthropocene might unwittingly facilitate the normalisation of geoengineering by providing a sustaining socio technical imaginary this book is essential reading for those interested in climate policy political ecology and science technology studies

The Anthropocene

2021-12-21

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 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*

Planting the Anthropocene

2019-03-15

planting the anthropocene is a rhetorical look into the world of industrial tree planting in canada that engages the themes of nature culture and environmental change bringing together the work of material ecocriticism and critical affect studies in service of a new materialist environmental rhetoric planting the anthropocene forwards a frame that can be used to work through complex scenes of anthropogenic labor using the results of interviews with seasonal canadian tree planters jennifer clary lemon interrogates the complex and messy imbrication of nature culture through the inadequate terminology used to describe the actual circumstances of the planters work and lives and offers alternative ways to conceptualize them although silvicultural workers do engage with the limiting rhetoric of efficiency and humanism they also make rhetorical choices that break down the nature culture divide and orient them on a continuum that blurs the boundaries between the given and the constructed the human and nonhuman tree planting work is approached as a site of a deep seated materiality a continued re creation of the land s disturbance rather than a simplistic form of doing good that further separates humans from landscapes jennifer clary lemon s view of nature and the anthropocene through the lens of material rhetorical studies is thoroughly original and will be of great interest to students and scholars of rhetoric and composition especially those focused on the environment

Philosophy of the Anthropocene

2016-04-19

the anthropocene is heralded as a new epoch distinguishing itself from all foregoing eons in the history of the earth it is characterized by the overarching importance of the human species in a number of respects but also by the recognition of human dependence and precariousness a critical human turn affecting the human condition is still in the process of arriving in the wake of an initial copernican revolution and kant s ensuing second copernican counter revolution within this landscape issues concerning the human its finitude responsiveness responsibility maturity auto affection and relationship to itself appear rephrased and re accentuated as decisive probing questions in this book sverre raffnsøe explores how the change has ramifications for the kinds of knowledge that can be acquired concerning human beings and for the human sciences as a study of human existential beings in the world

Film in the Anthropocene

2018-07-28

this book provides an interdisciplinary analysis of film in the context of the anthropocene the new geological era in which human beings have collectively become a force of nature daniel white draws on perspectives in philosophy ecology and cybernetics the science of communication and control in animals

and machines to explore human self understanding through film in the new era the classical figure of janus looking both to the future and the past serves as a guide throughout the study both feature and documentary films are considered

Demography and the Anthropocene

2021-04-19

environmentalists devote little attention at the moment to the size and growth of the human population to counter this neglect the monograph i includes original graphs showing population size and growth since 1920 in the world as a whole and the united states ii assembles evidence tying the increasing number of people to ecosystem deterioration and its societal consequences and iii analyzes sample survey data to ascertain whether the current disregard of population pressures by u s environmentalists reflects the thinking of americans generally however even if a nation took steps primarily intended to lower childbearing and immigration the findings of social science research indicate that the steps would not have a substantial lasting impact the discussion which suggests an indirect way by which government may reduce fertility underlines for environmental scholars the importance of studying their subject in a multidisciplinary collaborative setting

The Anthropocene Reviewed

2021-05-18

masterful the anthropocene reviewed is a beautiful timely book about the human condition and a timeless reminder to pay attention to your attention adam grant 1 bestselling author of think again and host of the podcast re thinking 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 gloriously personal and life affirming the perfect book for right now people 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 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 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

After the Anthropocene

2019-03-25

the environmental crisis is the most prominent challenge humanity has ever had to battle with and humanity is currently failing the anthropocene or so called age of humans is indeed a period when the survival of humanity has never been so much at risk this book locates itself in the field of critical green political theory fremaux s analysis of the current environmental crisis calls for us to embrace radical shifts in our modes of being or in other words socially progressive innovations that will be described within the unique framework of green republicanism in offering a constructive and emancipatory delineation of what could be considered an ecological civilization that is respectful of its natural

environment and social differences this book describes how to shift from an arrogant speciesism and materialistic lifestyle to a post anthropocentric ecological humanism focusing on the good life within ecological limits this new political regime calls for a radical reinvention of our societies a decentering of the humans within our metaphysical worldview and a withdrawal of the capitalist technosphere at the benefit of the biosphere it will require a new economic paradigm that replaces the unsustainable capitalist logic of growth by sustainable degrowth and steady economics rooted in ethical thinking and political philosophy this book seeks to offer a concrete roadmap of how sustainable societies can be fostered

Encyclopedia of the Anthropocene

2018

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

The Global Water System in the Anthropocene

2014-08-11

the global water system in the anthropocene provides the platform to present global and regional perspectives of world wide experiences on the responses of water management to global change in order to address issues such as variability in supply increasing demands for water environmental flows and land use change it helps to build links between science and policy and practice in the area of water resources management and governance relates institutional and technological innovations and identifies in which ways research can assist policy and practice in the field of sustainable freshwater management until the industrial revolution human beings and their activities played an insignificant role influencing the dynamics of the earth system the sum of our planet s interacting physical chemical and biological processes today humankind even exceeds nature in terms of changing the biosphere and affecting all other facets of earth system functioning a growing number of scientists argue that humanity has entered a new geological epoch that needs a corresponding name the anthropocene human activities impact the global water system as part of the earth system and change the way water moves around the globe like never before thus managing freshwater use wisely in the planetary water cycle has become a key challenge to reach global environmental sustainability

Paul J. Crutzen and the Anthropocene: A New Epoch in Earth's History

2022-01-01

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

Planetary Social Thought

2020-10-28

the anthropocene has emerged as perhaps the scientific concept of the new millennium going further than earlier conceptions of the human environment relationship anthropocene science proposes that human activity is tipping the whole earth system into a new state with unpredictable consequences social life has become a central ingredient in the dynamics of the planet itself how should the social sciences respond to the opportunities and challenges posed by this development in this innovative book clark and szerszynski argue that social thinkers need to revise their own presuppositions about the social to understand it as the product of a dynamic planet self organizing over deep time they outline planetary social thought a transdisciplinary way of thinking social life with and through the earth using a range of case studies they show how familiar social processes can be radically recast when looked at through a planetary lens revealing how the world transforming powers of human social life have always depended on the forging of relations with the inhuman potentialities of our home planet presenting a social theory of the planetary this book will be essential reading for students and scholars interested in humanity s relation to the changing earth

The Birth of the Anthropocene

2016-05-24

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

Coral Reefs in the Anthropocene

2015-11-03

this volume investigates the effects of human activities on coral reefs which provide important life supporting systems to surrounding natural and human communities it examines the self reinforcing

ecological economic and technological mechanisms that degrade coral reef ecosystems around the world topics include reefs and limestones in earth history the interactions between corals and their symbiotic algae diseases of coral reef organisms the complex triangle between reef fishes seaweeds and corals coral disturbance and recovery in a changing world in addition the authors take key recent advances in dna studies into account which provides new insights into the population biology patterns of species distributions recent evolution and vulnerabilities to environmental stresses these dna analyses also provide new understandings of the limitations of coral responses and scales of management necessary to sustain coral reefs in their present states coral reefs have been essential sources of food income and resources to humans for millennia this book details the delicate balance that exists within these ecosystems at all scales from geologic time to cellular interactions and explores how recent global and local changes influence this relationship it will serve as an indispensable resource for all those interested in learning how human activities have affected this vital ecosystem around the world

Mental Health and Wellbeing in the Anthropocene

2019-01-22

this book makes the unorthodox claim that there is no such thing as mental health it also deglamourises nature based psychotherapies deconstructs therapeutic landscapes and redefines mental health and wellbeing as an ecological process distributed in the environment rather than a psychological manifestation trapped within the mind of a human subject traditional and contemporary philosophies are merged with new science of the mind as each chapter progressively examples a posthuman account of mental health as physically dispersed amongst things emoji photos tattoos graffiti cities mountains in this precarious time labelled the anthropocene utilising experimental walks play scripts and creative research techniques this book disrupts traditional notions of the subjective self resulting in an extended body hypothesis a pathway for alternative narratives of human environment relations to flourish more ethically this transdisciplinary inquiry will appeal to anyone interested in non classificatory accounts of mental health particularly concerning areas of social and environmental equity post nature