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## A Brief History of Timekeeping: The Science of Marking Time, from Stonehenge to Atomic Clocks

**Item Type** Book

**Author** Chad Orzel

**Abstract** "Sharp and engaging, A Brief History of Timekeeping is a story not just about the science of sundials, sandglasses, and mechanical clocks, but also the politics of calendars and time zones, the philosophy of measurement, and the nature of space and time itself"--

**Date** 2022

**Language** en

**Short Title** A Brief History of Timekeeping

**Library Catalog** Panel on Planetary Thinking

**Call Number** 009 US 1800 O79

**Place** London

**Publisher** Oneworld Publications

**ISBN** 978-0-86154-215-4

**# of Pages** 324

**Date Added** 1/15/2023, 5:29:33 PM

**Modified** 8/7/2025, 4:59:04 PM

### Tags:

Philosophy, TIME, History of Time, Time and Space

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## About Time: Cosmology and Culture at the Twilight of the Big Bang

**Item Type** Book

**Author** Adam Frank

**Abstract** The Big Bang is all but dead, and we do not yet know what will replace it. Our universe's "beginning" is at an end. What does this have to do with us here on Earth? Our lives are about to be dramatically shaken again—as altered as they were with the invention of the clock, the steam engine, the railroad, the radio and the Internet. In *The End of the Beginning*, Adam Frank explains how the texture of our lives changes along with our understanding of the universe's origin. Since we awoke to self-consciousness fifty thousand years ago, our lived experience of time—from hunting and gathering to the development of agriculture to the industrial revolution to the invention of Outlook calendars—has been transformed and rebuilt many times. But the latest theories in cosmology—time with no beginning, parallel universes, eternal inflation—are about to send us in a new direction. Time is both our grandest and most intimate conception of the universe. Many books tell the story, recounting the progress of scientific cosmology. Frank tells the story of humanity's deepest question—when and how did everything begin—alongside the story of how human beings have experienced time. He

looks at the way our engagement with the world' our inventions, our habits and more'has allowed us to discover the nature of the universe and how those discoveries, in turn, inform our daily experience. This astounding book will change the way we think about time and how it affects our lives

**Date** 2014  
**Language** en  
**Short Title** About Time  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 CC 6320 F828  
**Extra** OCLC: 893160139  
**Publisher** Free Press  
**ISBN** 978-1-4391-6961-2  
**# of Pages** 406  
**Date Added** 1/15/2023, 4:32:24 PM  
**Modified** 12/3/2025, 5:05:11 PM

**Tags:**

History, Cosmology, Astrophysics, TIME

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## An Anthropology of Deep Time: Geological Temporality and Social Life

**Item Type** Book  
**Author** Richard Irvine  
**Abstract** In the face of debates about the Anthropocene - a geological epoch of our own making - and contemporary concerns about ecological crisis and the Sixth Mass Extinction, it is more important than ever to locate the timeframe of human activity within the deep time of planetary history. This path-breaking book is a timely critical review of the anthropology of time, exploring our human relationship with the timescale of geological formation. Richard D. G. Irvine shows how the time-horizons of social life are a matter of crucial concern, and lays bare the ways in which human activity becomes severed from the long-term geological and ecological rhythms on which it depends.  
**Date** 2020  
**Language** en  
**Short Title** An Anthropology of Deep Time  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 LC 51000 I72  
**URL** <https://doi.org/10.1017/9781108867450>  
**Place** Cambridge, United Kingdom ; New York, NY  
**Publisher** Cambridge University Press  
**ISBN** 978-1-108-49111-2  
**Series** New Departures in Anthropology

**# of Pages** 212  
**Date Added** 1/15/2023, 4:42:01 PM  
**Modified** 8/14/2025, 1:06:08 PM

**Tags:**

Human ecology, Anthropocene, Geology, Stratigraphic, TIME, Geological time

**Notes:**

Introduction -- Time depth -- Time travelling pits and migrant rocks -- Excluding water -- The problem with presentism -- Mapping deep time -- Geology and biography -- Enter catastrophe -- Wasteland

**Attachments**

- cambridge-core\_an-anthropology-of-deep-time\_27Feb2025.zip

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## Anthropocene Reading: Literary History in Geologic Times

**Item Type** Book  
**Editor** Tobias Menely  
**Editor** Jesse O. Taylor  
**Abstract** "Considers the implications of the Anthropocene, the proposed geological epoch in which a human "signature" appears in the lithostratigraphic record, for literary history and critical method. Explores the status of reading in the history of geology, and of geohistory in literature"--Provided by publisher  
**Date** 2017  
**Language** en  
**Short Title** Anthropocene Reading  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 HG 430 M541  
**Place** University Park, Pennsylvania  
**Publisher** The Pennsylvania State University Press  
**ISBN** 978-0-271-07873-1 978-0-271-07872-4  
**Series** AnthroScene: the SLSA book series  
**# of Pages** 265  
**Date Added** 1/15/2023, 4:41:03 PM  
**Modified** 8/7/2025, 4:40:07 PM

**Tags:**

Literature, Anthropocene, Ecocriticism, TIME, Geology in literature, History and criticism Theory, etc

## Notes:

Anarky / Jeffrey Jerome Cohen -- Enter Anthropocene, circa 1610 / Steve Mentz -- The Anthropocene reads Buffon, or, Reading like geology / Noah Heringman -- Punctuating history circa 1800 : the air of Jane Eyre / Thomas H. Ford -- Romancing the trace : Edward Hitchcock's speculative ichnology / Dana Luciano -- Partial readings : Thoreau's studies as natural history's casualties / Juliana Chow -- Scale as form : Thomas Hardy's rocks and stars / Benjamin Morgan -- Anthropocene interruptions : energy recognition scenes and the myth of global cooling / Justin Neuman -- Stratigraphy and empire : waiting for the barbarians, reading under duress / Jennifer Wenzel -- Reading vulnerably : indigeneity and the scale of harm / Matt Hooley -- Accelerated reading : fossil fuels, infowhelm, and archival life / Derek Woods -- Climate change and the struggle for genre / Stephanie LeMenager -- Ungiving time : reading lyric by the light of the Anthropocene / Anne-Lise François

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## Black Bough Poetry: Deep Time: Volume 1

**Item Type** Book

**Author** Black Bough Poetry

**Author** Jack Bedell

**Author** Laura Wainwright

**Contributor** Ankh Spice

**Editor** Matthew M. C. Smith

**Abstract** Inspired by the deep-time adventures of Robert Macfarlane in 'Underland' (2019), Black Bough Poetry's anthology 'Deep Time' (volume 1) is one of two volumes dedicated to prehistory, mythologies, geological time and underworlds. In this volume, poets from across the world explore subterranean and submarinal environments, uncover the traces of the past in mining and archaeology and evoke the mythologies of ancestors.

**Date** 2020

**Language** en

**Library Catalog** Panel on Planetary Thinking

**Volume** 1

**Place** Wroclaw

**Publisher** Independently published

**ISBN** 979-8-6456-6394-0

**Series** Black Bough Poetry

**# of Pages** 53

**Date Added** 1/14/2023, 8:05:39 PM

**Modified** 8/7/2025, 3:55:22 PM

## Tags:

Poetry, TIME, Deep Time

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## Deep Time Analysis: A Coherent View of the History of Life

**Item Type** Book

**Author** Mark A. S. McMenamin

**Abstract** Using a series of case studies, the book demonstrates the power of dynamic analysis as applied to the fossil record. The book considers how we think about certain types of paleontological questions and shows how to answer them. The analytical tools presented here will have wide application to other fields of knowledge; as such the book represents a major contribution to the deployment of modern scientific method as it builds on author's previous book, *Dynamic Paleontology*. Students and seasoned professionals alike will find this book to be of great utility for refining their approach to their ongoing and future research projects.

**Date** 2019

**Language** en

**Short Title** Deep Time Analysis

**Library Catalog** Panel on Planetary Thinking

**Call Number** 009 TQ 1010 M478

**Extra** OCLC: 1088907278

**Place** Place of publication not identified

**Publisher** SPRINGER

**ISBN** 978-3-030-08947-4

**# of Pages** 288

**Date Added** 1/15/2023, 5:24:58 PM

**Modified** 8/7/2025, 4:58:36 PM

### Tags:

TIME, Deep Time

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## Deep Time Reckoning: How Future Thinking Can Help Earth Now

**Item Type** Book

**Author** Vincent Ialenti

**Abstract** "How Finland's nuclear waste experts discern far future Earths, and what the rest of us non-Finns and non-experts can learn from them"--

**Date** 2020

**Language** en

**Short Title** Deep Time Reckoning

**Library Catalog** Panel on Planetary Thinking

**Call Number** 009 AR 14900 I11

**Place** Cambridge, Massachusetts

**Publisher** The MIT Press

**ISBN** 978-0-262-53926-5  
**Series** One planet  
**# of Pages** 186  
**Date Added** 1/15/2023, 4:28:48 PM  
**Modified** 8/7/2025, 2:16:44 PM

**Tags:**

Social aspects, 21st century, Nature, Human ecology, Environmental policy, Anthropocene, Environmental conditions, Forecasting, Global environmental change, Geology, Stratigraphic, Effect of human beings on Forecasting, Finland, Radioactive waste disposal in the ground, Radioactive waste repositories, Social planning, TIME

**Notes:**

Introduction: Embracing deep time learning -- How to ride analogies across deep time -- How far future worlds sprout from simple repeating patterns -- How to zoom in and out on deep time from different angles -- How to face deep time expertise's mortality -- Conclusion: Escaping shallow time discipline

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## Deep Time: A Journey through 4.5 Billion Years of Our Planet

**Item Type** Book  
**Author** Riley Black  
**Abstract** Deep time is the timescale of the geological events that have shaped our planet. Whilst so immense as to challenge human understanding, its evidence is nonetheless visible all around us. Through explanations of the latest research and over 200 fascinating images, Deep Time explores this evidence, from the visible layers in ancient rock to the hiss of static on the radio, and from fossilized shark's teeth to underwater forests. These relics of ancient epochs, many of which we can see and touch today, connect our present to the distant past and answer broader questions about our place in the timeline of the Earth. Charting 4.5 billion years of geological history, this is the story of our world, from its birth to the dawn of civilization.  
**Date** 2021  
**Language** en  
**Short Title** Deep Time  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 TK 1000 B627  
**Place** London  
**Publisher** Welbeck  
**ISBN** 978-1-78739-743-9  
**# of Pages** 224  
**Date Added** 1/15/2023, 5:23:59 PM

Modified 8/7/2025, 4:57:46 PM

**Tags:**

History, TIME, Deep Time

**Notes:**

Includes index

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## Die Natur der Geschichte: die Entdeckung der geologischen Tiefenzeit und die Geschichtskonzeptionen zwischen Aufklärung und Moderne

**Item Type** Book  
**Author** David Schulz  
**Date** 2020  
**Language** de  
**Short Title** Die natur der geschichte  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 NN 4400 S388  
**Place** Boston  
**Publisher** DE GRUYTER  
**ISBN** 978-3-11-064622-1  
**Series** Ordnungssysteme  
**Series Number** 56  
**Edition** 1  
**# of Pages** 368  
**Date Added** 1/15/2023, 5:10:48 PM  
**Modified** 1/18/2023, 3:58:17 PM

**Tags:**

History, Nature, History of Science, TIME, Deep Time, Theory of History

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## Earth's Deep History: How It Was Discovered and Why It Matters

**Item Type** Book  
**Author** Martin J. S. Rudwick  
**Abstract** Earth has been witness to mammoths and dinosaurs, global ice ages, continents colliding or splitting apart, and comets and asteroids crashing catastrophically to the surface, as well as the birth of humans who are curious to understand it. But how was

all this discovered? How was the evidence for it collected and interpreted? And what kinds of people have sought to reconstruct this past that no human witnessed or recorded? In this sweeping and accessible book, Martin J. S. Rudwick, the premier historian of the Earth sciences, tells the gripping human story of the gradual realization that the Earth's history has not only been unimaginably long but also astonishingly eventful. Rudwick begins in the seventeenth century with Archbishop James Ussher, who famously dated the creation of the cosmos to 4004 BC. His narrative later turns to the crucial period of the late eighteenth and early nineteenth centuries, when inquisitive intellectuals, who came to call themselves "geologists," began to interpret rocks and fossils, mountains and volcanoes, as natural archives of Earth's history. He then shows how this geological evidence was used—and is still being used—to reconstruct a history of the Earth that is as varied and unpredictable as human history itself. Along the way, Rudwick rejects the popular view of this story as a conflict between science and religion and shows how the modern scientific account of the Earth's deep history retains strong roots in Judaeo-Christian ideas. Extensively illustrated, Earth's Deep History is an engaging and impressive capstone to Rudwick's distinguished career. Though the story of the Earth is inconceivable in length, Rudwick moves with grace from the earliest imaginings of our planet's deep past to today's scientific discoveries, proving that this is a tale at once timeless and timely.

**Date** 2017

**Language** en

**Short Title** Earth's deep history

**Library Catalog** Panel on Planetary Thinking

**Call Number** 009 CC 6100 R917

**Place** Chicago London

**Publisher** The University of Chicago Press

**ISBN** 978-0-226-42197-1

**# of Pages** 360

**Date Added** 1/15/2023, 4:29:43 PM

**Modified** 8/7/2025, 4:22:36 PM

### Tags:

History, Natural History, Geology, Cosmology, TIME, Deep Time

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## Explorers of Deep Time: Paleontologists and the History of Life

**Item Type** Book

**Author** Roy E. Plotnick

**Abstract** "Paleontology is one of the most visible yet most misunderstood fields of science. Children dream of becoming paleontologists when they grow up. Museum visitors flock to exhibits on dinosaurs and other prehistoric animals. The media reports on fossil discoveries and new clues to mass extinctions. Nonetheless, misconceptions abound: paleontologists are assumed only to be interested in dinosaurs and they are all too often pictured as bearded white men in battered cowboy hats. Roy Plotnick provides a behind-the-scenes look at paleontology as it exists today in all its

complexity. He explores the field's aims, methods, and possibilities, with an emphasis on the compelling personal stories of the scientists who have made it a career. Paleontologists study the entire history of life on Earth; they do not only use hammers and chisels to unearth fossils but are just as likely to work with cutting-edge computing technology. Plotnick presents the big questions about life's history that drive paleontological research and shows why knowledge of Earth's past is essential to understanding present-day environmental crises. He introduces readers to the diverse group of people of all genders, races, and international backgrounds who make up the twenty-first-century paleontology community, foregrounding their perspectives and firsthand narratives. He also frankly discusses the many challenges that face the profession, with key takeaways for aspiring scientists. Candid and comprehensive, *Explorers of Deep Time* is essential reading for anyone curious about the everyday work of real-life paleontologists"--

**Date** 2021  
**Language** en  
**Short Title** Explorers of Deep Time  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 TQ 1000 P729  
**Place** New York  
**Publisher** Columbia University Press  
**ISBN** 978-0-231-19534-8  
**# of Pages** 334  
**Date Added** 1/15/2023, 5:26:42 PM  
**Modified** 1/28/2025, 3:06:34 PM

### Tags:

Paleontology, Biography, Methodology, TIME, Deep Time, Paleontologists

### Notes:

Those who know the past -- We have the best questions -- I'm not Ross (or Indiana Jones) -- Attending marvels -- Safe places -- Cool toys -- Big data and the big picture -- The ends of the worlds as we know them -- Lessons for and from the living -- The education of a paleontologist -- Living in the real world -- The face of paleontology -- The third reviewer -- Conferring, conversing, and otherwise hobnobbing -- Fighting over scraps -- This land is your land, your fossil is my fossil -- For the love of fossils -- Presenting the past -- Those who do not know the past -- Drawing on the past -- The world of paleontology -- Last thoughts : SWOT-ing at paleontology

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## Formen der Zeit: ein Wörterbuch der ästhetischen Eigenzeiten

**Item Type** Book  
**Editor** Michael Gamper  
**Editor** Helmut Hühn  
**Editor** Steffen Richter

**Abstract** Von ›Aktualität‹ bis ›Zukunft‹: Prozesse der kulturellen Gestaltung von Zeit stehen im Zentrum des interdisziplinär angelegten und kulturwissenschaftlich orientierten Wörterbuchs. Die Resultate dieser Prozesse, die Formen der Zeit, können als kulturspezifische und geschichtliche Hervorbringungen und Modellierungen von Welterfahrung begriffen werden. Die 54 Einträge des Wörterbuchs dokumentieren die (Re-)Formulierung von Zeitbegriffen in einer grundlegend polychron verstandenen Moderne. Erschlossen wird in dem Gemeinschaftswerk die Vielzeitigkeit der Moderne, die Vielzahl alternativer Entwürfe und heterogener Formen von Zeitlichkeit und Geschichtlichkeit. Ein Ausschnitt aus der Sach- und Diskursgeschichte steht jeweils im Zentrum der Darstellungen; gleichzeitig berücksichtigen die Beiträge auch wort- und begriffsgeschichtliche Fragen und geben Hinweise zur Forschungsgeschichte. Sie führen in Fragestellungen ein, heben disziplinäre Perspektiven voneinander ab oder integrieren sie in die Gesamtdarstellung. Die spezifische Zeitform beschreiben sie hinsichtlich ihrer eigenzeitlichen Relevanz und reflektieren deren kulturelle Bedeutsamkeit exemplarisch anhand der Rekonstruktion ausgewählter Debatten und Diskurse.

**Date** 2020

**Language** ger

**Short Title** Formen der Zeit

**Library Catalog** Panel on Planetary Thinking

**Call Number** 009 EC 2410 G194

**Place** Hannover

**Publisher** Wehrhahn Verlag

**ISBN** 978-3-86525-766-6

**Series** Ästhetische Eigenzeiten

**Series Number** Band 16

**Edition** 1. Auflage

**# of Pages** 499

**Date Added** 8/6/2025, 11:43:29 AM

**Modified** 8/6/2025, 11:46:15 AM

### Tags:

History, Cultural Studies, TIME, Dictionary, Multi-Temporality

### Notes:

Enthält Literaturangaben und ein Sachregister

### Attachments

- Table of Contents PDF

**Item Type** Book  
**Editor** Brigitte Kölle  
**Editor** Bogomir Ecker  
**Editor** Johanne Mohs  
**Editor** Uwe M. Schneede  
**Editor** Hamburger Kunsthalle

**Abstract** Was ist Zeit, und wie kann sie künstlerisch dargestellt und vermessen werden? Wie kann Zukunft gedacht werden? Ausgangspunkt dieser ungewöhnlichen Publikation, die anlässlich der gleichnamigen Ausstellung in der Hamburger Kunsthalle erscheint, ist ein Kunstwerk: die „Tropfsteinmaschine“ von Bogomir Ecker. Angelegt auf eine Laufzeit von unvorstellbaren 500 Jahren durchzieht sie die gesamte Galerie der Gegenwart vom Dach bis zum Sockelgeschoss. Wenn alles ungestört verläuft, wird die Maschine über diesen Zeitraum ca. 5 cm große Stalagmiten und Stalaktiten gebildet haben. Anlässlich des 25-jährigen Bestehens der „Tropfsteinmaschine“ und der Galerie der Gegenwart stellen sich ca. 30 internationale Künstler:innen in zum teils eigens geschaffenen Werken diesen grundlegenden Fragen rund um Zeitlichkeit, Nachhaltigkeit und Zukunftsvisionen. Künstler:innen: Katinka Bock, John Cage, Nina Canell, Gustave Courbet, Attila Csörgö, Hanne Darboven, Edith Dekyndt, Bogomir Ecker, Oswald Egger, Elena Greta Falcini, Ceal Floyer, Caspar David Friedrich, Monika Grzymala, Pierre Huyghe, Daniel Janik, Samson Kambalu, On Kawara, Axel Loytved, Sarah Lucas, Étienne-Jules Marey, Johanna Reich, Jens Risch, Philipp Otto Runge, Ani Schulze, Roman Signer, Lucía Simón Medina, Hiroshi Sugimoto, Rayyane Tabet, Robin Watkins

**Date** 2022

**Language** ger

**Short Title** Futura

**Library Catalog** Panel on Planetary Thinking

**Call Number** 009 LH 43550 2022

**Place** Dortmund

**Publisher** Verlag Kettler

**ISBN** 978-3-86206-966-8

**# of Pages** 168

**Date Added** 8/7/2025, 12:54:18 PM

**Modified** 8/12/2025, 3:10:59 PM

### Tags:

Art, Future, Geology, TIME, Stalactite

### Notes:

Impressum: "Diese Publikation erscheint anlässlich der Ausstellung FUTURA. Vermessung der Zeit in der Hamburger Kunsthalle, 14. Januar bis 10. April 2022"

### Attachments

## Future Stories: A User's Guide to the Future

**Item Type** Book

**Author** Christian David

**Abstract** Every second of our lives - whether we're looking both ways before crossing the street, celebrating the birth of a baby, or moving to a new city - we must cope with an unknowable future. How do we do this? And how do we, like most living organisms, manage this impossible challenge quite well... at least most of the time? David Christian, historian and bestselling author of *Origin Story*, is renowned for pioneering the emerging discipline of Big History, which surveys the whole of the past. But with *Future Stories*, he casts his sharp analytical eye forward, offering an introduction to the strange world of the future, and a guide to what we think we know about it at all scales, from the predictive mechanisms of single-celled organisms and tomato plants to the merging of colossal galaxies billions of years from now. Drawing together science and history, philosophy and theology from a huge range of places and times, Christian explores how we prepare for uncertain futures, including the future of human evolution, artificial intelligence, interstellar travel, and more. By linking the study of the past much more closely to the study of the future, we can begin to imagine what the world will look like in the next hundred years and consider solutions to the biggest challenges facing us all.

**Date** 2022

**Language** eng

**Short Title** Future Stories

**Library Catalog** Panel on Planetary Thinking

**Call Number** 009 MS 1280 C555

**Place** London

**Publisher** Bantam Press

**ISBN** 978-1-78763-646-0

**# of Pages** 304

**Date Added** 8/6/2025, 12:37:28 PM

**Modified** 8/7/2025, 12:17:39 PM

### Tags:

Philosophy, History, Science, Theology, Future, TIME

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## Heritage Futures: Comparative Approaches to Natural and Cultural Heritage Practices

**Item Type** Book

**Author** Rodney Harrison

**Abstract** Preservation of natural and cultural heritage is often said to be something that is done for the future, or on behalf of future generations, but the precise relationship of such practices to the future is rarely reflected upon. Heritage Futures draws on research undertaken over four years by an interdisciplinary, international team of 16 researchers and more than 25 partner organisations to explore the role of heritage and heritage-like practices in building future worlds. Engaging broad themes such as diversity, transformation, profusion and uncertainty, Heritage Futures aims to understand how a range of conservation and preservation practices across a number of countries assemble and resource different kinds of futures, and the possibilities that emerge from such collaborative research for alternative approaches to heritage in the Anthropocene. Case studies include the cryopreservation of endangered DNA in frozen zoos, nuclear waste management, seed biobanking, landscape rewilding, social history collecting, space messaging, endangered language documentation, built and natural heritage management, domestic keeping and discarding practices, and world heritage site management.

**Date** 2020

**Language** en

**Short Title** Heritage Futures

**Library Catalog** Panel on Planetary Thinking

**Call Number** 009 LB 35000 H321

**Place** London

**Publisher** UCL Press

**ISBN** 978-1-78735-601-6 978-1-78735-602-3

**# of Pages** 529

**Date Added** 5/2/2023, 1:26:38 PM

**Modified** 8/7/2025, 5:59:54 PM

### Tags:

Archeology, Heritage Studies, Museum Studies, TIME

### Notes:

Includes bibliographical references (pages 489-519) and index

### Attachments

- Table of Contents PDF

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## How the New World Became Old: The Deep Time Revolution in America

**Item Type** Book

**Author** Caroline Winterer

**Abstract** During the nineteenth century, Americans were shocked to learn that the land beneath their feet had once been stalked by terrifying beasts. T. rex and Brontosaurus ruled the continent. North America was home to saber-toothed cats and woolly mammoths, great herds of camels and hippos, and sultry tropical forests now fossilized into massive coal seams. How the New World Became Old tells the extraordinary story of how Americans discovered that the New World was not just old--it was a place rooted in deep time. In this panoramic book, Caroline Winterer traces the history of an idea that today lies at the heart of the nation's identity as a place of primordial natural beauty. Europeans called America the New World, and literal readings of the Bible suggested that Earth was only six thousand years old. Winterer takes readers from glacier-capped peaks in Yosemite to Alabama slave plantations and canal works in upstate New York, describing how naturalists, explorers, engineers, and ordinary Americans unearthed a past they never suspected, a history more ancient than anyone ever could have imagined. Drawing on archival evidence ranging from unpublished field notes and letters to early stratigraphic diagrams, How the New World Became Old reveals how the deep time revolution ushered in profound changes in science, literature, art, and religion, and how Americans came to realize that the New World might in fact be the oldest world of all.

**Date** 2024

**Language** eng

**Short Title** How the New World Became Old

**Library Catalog** Panel on Planetary Thinking

**Call Number** 000 MK 4590 W787

**Place** Princeton Oxford

**Publisher** Princeton University Press

**ISBN** 978-0-691-19967-2

**Series** Princeton Modern Knowledge

**# of Pages** 356

**Date Added** 12/3/2025, 2:46:07 PM

**Modified** 12/3/2025, 2:52:53 PM

### Tags:

Paleontology, Stratigraphy, TIME, Deep Time, Cultural History, Geological Time, Temporal Scales, 19th Century America, Environmental Imaginaries

### Notes:

Literaturverzeichnis: Seite 297-330

### Attachments

- Table of Contents PDF

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## I Will Draw a Map of What You Never See: Endeavours in Rhythmanalysis

**Item Type** Book

**Editor** Bonaventure Soh Bejeng Ndikung

**Editor** Elena Agudio

**Editor** Anna Jäger

**Editor** Saskia Köbschall

**Abstract** A gathering of the echoes, memories and findings after three years of research, performances, exhibitions and conversations within THAT AROUND WHICH THE UNIVERSE REVOLVES. ON RHYTHMANALYSIS OF MEMORY, TIMES, BODIES IN SPACE. With chapters in Lagos, Düsseldorf, Harare, Hamburg and Berlin, the SAVVY Contemporary project and publication bring together visual artists, urbanists, writers, photographers, performers, poets, and theorists to investigate the interrelations of space and time, memory, architecture and urban planning through and beyond Henri Lefebvre's concept of Rhythmanalysis.

**Date** 2019

**Language** en

**Short Title** I Will Draw a Map of What You Never See

**Library Catalog** Panel on Planetary Thinking

**Call Number** 009 MS 9050 A282

**Extra** OCLC: 1142479411

**Place** Berlin

**Publisher** SAVVY Contemporary

**ISBN** 978-3-943620-93-1

**# of Pages** 205

**Date Added** 1/15/2023, 5:01:38 PM

**Modified** 1/28/2025, 3:10:28 PM

### Tags:

Arts, TIME, Rhythmanalysis

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## In anderen Zeiten: Zeitdiskurse im Wandel = In Other Times: Changing Discourses of Time across Human History

**Item Type** Book

**Editor** Brisca Hohenwald

**Editor** Neele Illner

**Editor** Jürgen Renn

**Abstract** Zeit war und ist omnipräsent. Was liegt daher näher, als ihre Erforschung international und interdisziplinär auszurichten? Die epochenübergreifende Untersuchung des Themas in diesem Band belegt die große Bedeutung des Phänomens Zeit für die

Menschen. Sie zeigt zudem, in welch vielfältigen Fragen und zum Teil verblüffenden Antworten sich seit jeher der große Reiz, den das Thema auf die Menschheit ausübt, äußert. Die Studien in diesem Band reichen vom antiken Griechenland bis in die Gegenwart, vom kindlichen Zeitgefühl bis zu philosophischen Zeitvorstellungen und von altchinesischen Ansichten zu Dauer und Vergänglichkeit bis zur Bedeutung von Naturphänomenen in der Frühen Neuzeit. In ihrer Gesamtheit sind sie Beleg dafür, dass die wissenschaftliche Haltung grundsätzlicher Offenheit gegenüber Positionen und Herangehensweisen es ermöglicht, Wissenschaft im Dienste aller und im Sinne Comenius' als „Verbesserung aller menschlichen Angelegenheiten“ zu betreiben.

**Date** 2022  
**Language** en  
**Short Title** In anderen Zeiten  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 ND 6900 H718  
**Place** Berlin  
**Publisher** Frank & Timme  
**ISBN** 978-3-7329-0828-8  
**# of Pages** 242  
**Date Added** 1/15/2023, 5:15:41 PM  
**Modified** 1/30/2025, 1:53:21 PM

### Tags:

TIME, Human History, Discourse Studies

### Attachments

- Table of Contents PDF

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## Life As No One Knows It: The Physics of Life's Emergence

**Item Type** Book  
**Author** Sara Imari Walker  
**Abstract** An intriguing new scientific theory that explains what life is and how it emerges. What is life? This is among the most difficult open problems in science, right up there with the nature of consciousness and the existence of matter. All the definitions we have fall short. None help us understand how life originates or the full range of possibilities for what life on other planets might look like. In *Life as No One Knows It*, physicist and astrobiologist Sara Imari Walker argues that solving the origin of life requires radical new thinking and an experimentally testable theory for what life is. This is an urgent issue for efforts to make life from scratch in laboratories here on Earth and missions searching for life on other planets. Walker proposes a new paradigm for understanding what physics encompasses and what we recognize as life. She invites us into a world of maverick scientists working without a map, seeking not just answers but better ways to formulate the biggest questions we have about the universe. The book culminates with the bold proposal of a new theory for identifying and classifying life, one that

applies not just to biological life on Earth but to any instance of life in the universe. Rigorous, accessible, and vital, *Life as No One Knows It* celebrates the mystery of life and the explanatory power of physics.

**Date** 2024  
**Short Title** Life As No One Knows It  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 000 WH 2600 W184  
**Place** New York  
**Publisher** Riverhead Books  
**ISBN** 978-0-593-19189-7  
**Date Added** 9/11/2024, 2:35:23 PM  
**Modified** 8/12/2025, 7:08:45 PM

**Tags:**

Life, Origin, TRANSFORMATION, Popular works, Exobiology, Biophysics, Molecular evolution

**Notes:**

What is life ? -- Hard problems -- New physics -- Life is what ? -- Aliens -- Origins -- Planetary futures

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## Longpath: Becoming the Great Ancestors Our Future Needs – An Antidote for Short-Termism

**Item Type** Book  
**Author** Ari Wallach  
**Abstract** Many of the problems we face today, from climate change to work anxiety, are the result of short-term thinking. We are constantly bombarded by notifications and “Breaking News” that are overwhelming our central nervous systems, forcing us to react in the moment and ultimately disconnecting us from what truly matters. But there is a solution. Futurist Ari Wallach offers a radical new way forward called “longpath,” a mantra and mindset to help us focus on the long view. Drawing on history, theology, neuroscience, evolutionary psychology, and social technologies, Longpath teaches readers to strengthen their ability to look ahead, relieve reactions to stressful events, increase capacity for cooperation, and even boost creativity. Wallach challenges readers to ask themselves, “to what end?”—what is my ultimate goal and how does my choice align with my values? And even more provocatively, Wallach challenges readers to ask “to what end?” for civilization at large. Whether it’s work, marriage, parenting, or simply trying to be a good human on the planet, framing decisions from a much larger scale creates a more fulfilling and sustainable life now and for future generations.  
**Date** August 16, 2022  
**Language** en  
**Library Catalog** Panel on Planetary Thinking

**Call Number** 009 MS 1280 W195  
**Place** New York  
**Publisher** HarperOne  
**ISBN** 978-0-06-306873-5  
**# of Pages** 208  
**Date Added** 8/6/2025, 11:49:03 AM  
**Modified** 8/7/2025, 12:15:16 PM

**Tags:**

History, Theology, TIME, Civilization, Neuroscience, Evolutionary Psychology, Social Technologies, Transgenerational Empathy, Futural Consciousness, Intergenerational Responsibilities

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## Making Time on Mars

**Item Type** Book

**Author** Zara Mirmalek

**Abstract** "Making Time on Mars is a book about people, robots, processes and intuitions working together to make time on Mars. In early 2004, for over ninety days NASA's Mars Exploration Rovers mission set their daily work activities on Earth according to "Mars time" clocks. Two local Mars times, one for each of the two Mars rovers, drove work timelines for all mission members. A successful mission that resulted in new discoveries and scientific knowledge, it is a fascinating case of how time and work relationships are produced through cultural features shaped by everyday work activities, organizational infrastructure, and social and historical context. Though time is an organizing principle in most workplaces, it is not traditionally a particularly exciting part of daily work. But, within the context of a mission to Mars, familiar time and work relationships are rendered strange, and strangely familiar. This book is based on empirical data collected during a one-year ethnographic field study conducted at NASA's Jet Propulsion Laboratory by the author, who was a mission member, and included working on Earth according to Mars time. An interdisciplinary disciplinary lens (anthropology, communication, history, organization studies, and science and technology studies) is used to examine organizing and conducting robotic science exploration on Mars. The book includes chapters on the historical context of the MER workplace (NASA and JPL); MER team people, robots, and workspace; the primary technology (time) for organizing co-located and remote workgroups; context on the limitations of the time/work relationship; professional identity and human-robot relationships that shaped working according to Mars time. The book's intent is to give the public a closer look, and a broader view, on a project that was publicly funded and with goals that included producing knowledge about natural work that would benefit all. It is also the intent to show, through the cultural production of Mars time for remote telerobotic science work, how contemporary and historical human-technology relationships inform assumptions about clock time as an unalterable, natural phenomenon. The organizational relationship between clock time and work, while still operational, is outdated. Organizational and societal values shape people's choices (and consequences of those choices) at work that include formally addressing problematic

technology, holding institutions or individuals responsible for breakdowns, developing informal workarounds, and taking on additional work to support the technology that was intended to support people. These values and choices constitute some of the cultural norms that are part of the socio-technical infrastructure supporting space science and exploration. These relationships warrant examination and experimentation to uncouple what is natural about time from what can be changed in order for technology to support rather than drive human temporality at work"--

**Date** 2020  
**Language** en  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 AK 26100 M675  
**Place** Cambridge, Massachusetts  
**Publisher** The MIT Press  
**ISBN** 978-0-262-04385-4  
**Series** Inside technology  
**# of Pages** 200  
**Date Added** 1/15/2023, 4:26:19 PM  
**Modified** 12/11/2024, 4:41:42 PM

### Tags:

Social aspects, Exploration Social aspects, TIME, Hours of labor, Mars (Planet), Mars Exploration Rover Mission (U.S.), Officials and employees Time management, Roving vehicles (Astronautics), Timekeeping, Timetables

### Notes:

MER : an interplanetary workplace and community -- Time at work in space -- The sound of no clock ticking -- Dreaming of space, imagining membership -- Membering the rovers: humans and robots as coworkers

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## Media Infrastructures and the Politics of Digital Time: Essays on Hardwired Temporalities

**Item Type** Book  
**Editor** Axel Volmar  
**Editor** Kyle Stine  
**Abstract** "In a crucial sense, all machines are time machines. The essays in 'Media Infrastructures and the Politics of Digital Time' develop the central concept of hardwired temporalities to consider how technical networks hardwire and rewire patterns of time. Digital media introduce new temporal patterns in their features of instant communication, synchronous collaboration, intricate time management, and continually improved speed. They construct temporal infrastructures that affect the

rhythms of lived experience and shape social relations and practices of cooperation. Interdisciplinary in method and international in scope, the volume draws together insights from media and communication studies, cultural studies, and science and technology studies while staging an important encounter between two distinct approaches to the temporal patterning of media infrastructures, a North American strain emphasizing the social and cultural experiences of lived time and a European tradition, prominent especially in Germany, focusing on technological time and time-critical processes."

**Date** 2021  
**Language** en  
**Short Title** Media Infrastructures and the Politics of Digital Time  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 MS 7965 V926  
**Place** Amsterdam  
**Publisher** Amsterdam University Press  
**ISBN** 978-94-6372-742-6  
**Series** Recursions  
**# of Pages** 313  
**Date Added** 1/15/2023, 4:53:41 PM  
**Modified** 1/28/2025, 3:11:08 PM

### Tags:

Infrastructure, TIME, Digital Technology, Temporal Politics

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## Mikrozeit und Tiefenzeit

**Item Type** Book  
**Editor** F. Balke  
**Editor** Bernhard Siegert  
**Editor** Joseph Vogl  
**Abstract** Die 18. Ausgabe des Archivs für Mediengeschichte ist den Folgen gewidmet, denen Geschichte – sei es als Ereignis, Struktur, Repräsentations- oder Denkform – durch die medialen Konstruktionen von „Deep Time“ und Mikrotemporalität ausgesetzt ist. Damit schließt die Themenstellung vor allem an die Anthropozän-Debatte an, mit der der Begriff der Tiefenzeit eine aktuelle Konjunktur und in Bezug auf die Konzeptualisierung von Mediengeschichte verschiedene neue Akzentuierungen erfahren hat. Das Heft setzt sich zum Ziel, neben der Medialität der Tiefenzeit auch die Medialität der Mikrozeit und insbesondere die Art und die Konsequenzen ihrer operativen und epistemischen Verzahnung zu thematisieren. Es strebt an, die mit diesen Begriffen verbundenen Medien, Kulturtechniken, epistemologischen Sachverhalte, politischen Zwangslagen und geschichtstheoretischen Probleme aufeinander zu beziehen. Mit Beiträgen von Lorenz Engell, Wolfgang Ernst, Abelardo Gil-Fournier, Patricia A. Gwozdz, Ann McGrath, Jussi Parikka, Jörg Paulus, Irina Podgorny, Reto Rössler, Eva Schauerte, Peter Schnyder, Patrick Stoffel, Oliver Völker,

Geoffrey Winthrop-Young.

**Date** 2018  
**Language** de  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 AP 15000 B186  
**Extra** OCLC: on1103518469  
**Place** Paderborn  
**Publisher** Wilhelm Fink  
**ISBN** 978-3-7705-6417-0  
**Series** Archiv für Mediengeschichte  
**Series Number** 2018  
**# of Pages** 179  
**Date Added** 1/15/2023, 4:27:19 PM  
**Modified** 1/18/2023, 3:58:47 PM

**Tags:**

Evolution, Social aspects, Historiography, TIME, Geological time, Time in mass media

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## Notes from Deep Time: A Journey through Our Past and Future Worlds

**Item Type** Book  
**Author** Helen Gordon  
**Abstract** From the secret fossils of London to the three-billion-year-old rocks of the Scottish Highlands, and from state-of-the-art Californian laboratories to one of the world's most dangerous volcanic complexes hidden beneath the green hills of western Naples, set out on an adventure to those parts of the world where the Earth's life-story is written into the landscape. Helen Gordon turns a novelist's eye on the extraordinary scientists who are piecing together this planetary drama. She gets to grips with the theory that explains how it all works - plate tectonics, a breakthrough as significant in its way as evolution or quantum mechanics, but much younger than either, and still with many secrets to reveal. And she looks to the future of our world, with or without us.  
**Date** 2021  
**Language** en  
**Short Title** Notes from Deep Time  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 RB 10123 G663  
**Place** London  
**Publisher** Profile Books  
**ISBN** 978-1-78816-163-3  
**# of Pages** 222  
**Date Added** 4/21/2022, 10:49:48 PM  
**Modified** 8/7/2025, 1:00:17 PM

**Tags:**

Nature, Environment, Geology, TIME, Deep Time

**Attachments**

- Gordon - 2021 - Notes from deep time a journey through our past a.pdf

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## Notes from Deep Time: A Journey through Our Past and Future Worlds

**Item Type** Book  
**Author** Helen Gordon  
**Date** 2021  
**Language** en  
**Short Title** Notes from Deep Time  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 RB 10123 G663  
**Place** London  
**Publisher** Profile Books  
**ISBN** 978-1-78816-163-3  
**# of Pages** 322  
**Date Added** 1/15/2023, 5:22:20 PM  
**Modified** 1/28/2025, 3:11:38 PM

**Tags:**

TIME, Deep Time

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## Origin Story: A Big History of Everything

**Item Type** Book  
**Author** David Christian  
**Abstract** This is the epic story of the universe and our place in it, from 13.8 billion years ago to the remote future. How did we get from the Big Bang to today's staggering complexity, in which seven billion humans are connected into networks powerful enough to transform the planet? David Christian gives the answers in a mind-expanding cosmological detective story told on the grandest possible scale. He traces how, during eight key thresholds, the right conditions have allowed new forms of complexity to arise, from stars to galaxies, Earth to homo sapiens, agriculture to fossil fuels. This global origin story is one that we could only begin to tell recently, thanks to the underlying unity of modern knowledge. Panoramic in scope and thrillingly told, Origin Story reveals what we learn about human existence when we consider it from a universal scale

**Date** 2019  
**Language** en  
**Short Title** Origin Story  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 NK 1200 C555 O69  
**Extra** OCLC: 1051081398  
**Place** UK  
**Publisher** Penguin Books  
**ISBN** 978-0-14-198302-8  
**# of Pages** 357  
**Date Added** 1/15/2023, 5:07:37 PM  
**Modified** 8/7/2025, 4:49:24 PM

**Tags:**

Popular Science, TIME, Human History, Big History, Big Bang, Cosmic History, Geological History, Biological History

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## Otherlands: A World in the Making

**Item Type** Book  
**Author** Thomas Halliday  
**Abstract** Otherlands is an epic, exhilarating journey into deep time, showing us the Earth as it used to exist, and the worlds that were here before ours. Travelling back in time to the dawn of complex life, and across all seven continents, award-winning young palaeobiologist Thomas Halliday gives us a mesmerizing up close encounter with eras that are normally unimaginably distant. Halliday immerses us in a series of ancient landscapes, from the mammoth steppe in Ice Age Alaska to the lush rainforests of Eocene Antarctica, with its colonies of giant penguins, to Ediacaran Australia, where the moon is far brighter than ours today. We visit the birthplace of humanity; we hear the crashing of the highest waterfall the Earth has ever known; and we watch as life emerges again after the asteroid hits, and the age of the mammal dawns. These lost worlds seem fantastical and yet every description – whether the colour of a beetle’s shell, the rhythm of pterosaurs in flight or the lingering smell of sulphur in the air – is grounded in the fossil record. Otherlands is a staggering imaginative feat: an emotional narrative that underscores the tenacity of life – yet also the fragility of seemingly permanent ecosystems, including our own. To read it is to see the last 500 million years not as an endless expanse of unfathomable time, but as a series of worlds, simultaneously fabulous and familiar.

**Date** 2022  
**Language** eng  
**Short Title** Otherlands  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 WH 9000 H188

**Place** London  
**Publisher** Allen Lane  
**ISBN** 978-0-241-51044-5 978-0-241-40574-1  
**# of Pages** 384  
**Date Added** 1/15/2023, 5:32:06 PM  
**Modified** 8/7/2025, 5:05:06 PM

**Tags:**

History, Biology, Paleontology, TIME, Deep Time, Extinction

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## Out of Joint: Power, Crisis, and the Rhetoric of Time

**Item Type** Book  
**Author** Nomi Claire Lazar  
**Abstract** To secure power in a crisis, leaders must sell deep change as a means to future good. But how could we know the future? The author draws on stories across a range of cultures and contexts, ancient and modern, to show how leaders use constructions of time to frame events. These frames carry an implicit promise to secure or subvert an expected future, shaping belief in what is possible - and what is inevitable  
**Date** 2019  
**Language** en  
**Short Title** Out of Joint  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 MD 7600 L431  
**Extra** OCLC: on1055263562  
**Place** New Haven  
**Publisher** Yale University Press  
**ISBN** 978-0-300-16633-0  
**# of Pages** 264  
**Date Added** 3/30/2023, 2:33:33 PM  
**Modified** 1/28/2025, 3:13:11 PM

**Tags:**

Philosophy, Political aspects, Time, Communication in politics, Political science, Rhetoric, Space and time, TIME, Time perception

**Notes:**

Acknowledgments -- Introduction: framing time -- The political construction of time -- Calendars and the politics of order alignment -- Khubilai Khan's calendar and the politics of performance -- The primitivist's lament -- A dead end? -- Conclusion: transcending time

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## Retrotopia

**Item Type** Book

**Author** Zygmunt Bauman

**Translator** Frank Jakubzik

**Abstract** "Make America great again", lautet der Leitspruch des amtierenden US-Präsidenten. Nicht "vorwärts" soll es gehen, wie Barack Obama noch im Wahlkampf von 2012 versprochen hatte, sondern zurück zu alter Größe. Die Menschen scheinen die Hoffnung auf ein besseres Leben in der Zukunft aufgegeben zu haben und wenden sich stattdessen einer angeblich guten alten Zeit zu. In seinem letzten zu Lebzeiten vollendeten Buch untersucht der grosse Soziologe und Philosoph Zygmunt Bauman die Gründe für diese globale Epidemie der Nostalgie. Gut fünfhundert Jahre nach der Veröffentlichung von Thomas Morus' Utopia, so seine These, haben die Nationalstaaten die Fähigkeit eingebüßt, ihre Versprechen auf Wohlstand und Sicherheit einzulösen. Wer in einer globalisierten Welt nach Orientierung sucht, der richtet seinen Blick daher nicht länger auf einen als Ideal verklärten Ort - einen topos -, sondern in eine untote Vergangenheit

**Date** 2017

**Language** de

**Library Catalog** Panel on Planetary Thinking

**Call Number** 009 MQ 3045 R43 2017

**Place** Berlin

**Publisher** Suhrkamp

**ISBN** 978-3-518-07331-5

**Series** edition suhrkamp Sonderdruck

**Edition** Erste Auflage, Sonderdruck, Deutsche Erstausgabe

**# of Pages** 220

**Date Added** 1/15/2023, 4:47:35 PM

**Modified** 1/18/2023, 3:59:11 PM

### Tags:

Sociology, TIME

### Notes:

Hier auch später erschienene, unveränderte Nachdrucke

### Attachments

- Table of Contents PDF

**Item Type** Book

**Editor** Lowell S. Gustafson

**Editor** Barry H. Rodrigue

**Editor** David R. Blanks

**Abstract** "This book examines the meaning of religion within the scientific, evidence-based history of our known past since the big bang. While our current major religions are only centuries or millennia old, the volume discusses the origins and development of human religious practice and belief over our species' existence of 300,000 years. The volume also connects the scientific approach to natural and social history with ancient truths of our religious ancestors using new lines of inquiry, new technologies, new modes of expression, and new concepts. It brings together insights of natural scientists, social scientists, philosophers, writers, and theologians discuss to the narratives of the universe. The essays discuss that to apprehend religion scientifically, or to interpret and explain science theologically, the subject must be examined through a variety of disciplinary lenses simultaneously and raise several theoretical, philosophical, and moral problems. A singular investigation into the meaning of religion in the context of the 13.8 billion-year history of our universe, this book will be indispensable for scholars and students of religious studies, big history, sociology and social anthropology, philosophy, and science and technology studies"--

**Date** 2022

**Language** en

**Library Catalog** Panel on Planetary Thinking

**Call Number** 009 MS 6550 G982

**Place** Abingdon, Oxon ; New York, NY

**Publisher** Routledge

**ISBN** 978-0-367-76381-7 978-1-032-18861-4

**# of Pages** 365

**Date Added** 1/15/2023, 1:39:28 PM

**Modified** 8/12/2025, 5:06:48 PM

**Tags:**

Philosophy, History, Cosmology, TIME, Religion and civilization, Religion and science, Science and civilization

**Notes:**

Science and religion in big history : the dialogue model / David Blanks -- Meaningful mystery / Todd L. Duncan -- The children of climate change and their search for meaning / Barry H. Rodrigue -- Not by bread alone : religion in big history : an anthropologist's understanding / Brian Spooner -- Is god big enough? Of religion and big history / William Grassie -- The nature of humans, science, and religion / Davidson Loehr -- A big history perspective on science and religion : peaceful coexistence and progress for humanity / Mathew Chandrankunnel -- The ties that bind / Lowell S. Gustafson -- The three questions : understanding religion epistemologically / Ken Baskin -- Religion in big history / Lacy Loar-Gruenler -- Teilhard, big history, and the question of cosmic purpose / John Haught -- Whither thou go, o universe? Why religion and evolution belong together / Ilia Delio -- Shinto in the light of big history / Hiroko Shiota -- Big history and earth spirituality : towards a significant eco-social paradigm / Siddhartha -- The Vedas, tribal perspectives, and big history / H. Sudarshan -- Searching the name : metaphors of the divine in our evolving cosmos / Jerry Harp -- The nature of our consciousness / Orla Hazra -- Women's spirituality as a measure of deep time and social ecology / Richa Minocha -- Islam and big history / Hideki Iwaki -- Deep time from the viewpoint of Islam / Shamshuddin Jusop and Tan Chee Keong -- When did homo sapiens become homo religiosus? Just-so stories, evolution, and big history / Ted Peters

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## Temporal Politics: Contested Pasts, Uncertain Futures

**Item Type** Book  
**Author** Adrian Little  
**Abstract** Develops a new theory of political temporality to demonstrate how to conduct political analysis in times of conflict and uncertainty  
**Date** 2022  
**Language** eng  
**Short Title** Temporal Politics  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 MD 8200 L778  
**Extra** OCLC: 1346096091  
**Place** Edinburgh  
**Publisher** Edinburgh University Press  
**ISBN** 978-1-3995-0466-9  
**# of Pages** 219  
**Date Added** 1/15/2023, 5:35:00 PM  
**Modified** 1/28/2025, 3:13:30 PM

### Tags:

Future, Uncertainty, TIME, Deep Time, Temporal Politics

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The Anatomy of Deep Time: Rock Art and Landscape in the Altai Mountains of Mongolia

**Item Type** Book  
**Author** Esther Jacobson-Tepfer  
**Abstract** Analysis of Petroglyphic rock art in three valleys of Mongolia's Altai Mountains begins to explain the rhythm of cultural manifestations: where rock art appears, when it disappears, and why. The material and this remote arena offer an ideal laboratory to study the intersection of prehistoric culture and paleoenvironment  
**Date** 2020  
**Language** eng  
**Short Title** The Anatomy of Deep Time  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 MS 9000 J17  
**Extra** OCLC: 1143848470  
**Place** Cambridge  
**Publisher** Cambridge University Press  
**ISBN** 978-1-108-85551-8  
**Series** Elements in Environmental Humanities  
**# of Pages** 92  
**Date Added** 1/15/2023, 4:35:55 PM  
**Modified** 1/30/2025, 3:00:59 PM

**Tags:**

Environmental Humanities, TIME, Deep Time

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## The Anthropocene as a Geological Time Unit: A Guide to the Scientific Evidence and Current Debate

**Item Type** Book  
**Editor** Jan Zalasiewicz  
**Editor** Colin N. Waters  
**Editor** Mark Williams  
**Editor** Colin P. Summerhayes  
**Abstract** The Anthropocene, a term launched into public debate by Nobel Prize winner Paul Crutzen, has been used informally to describe the time period during which human actions have had a drastic effect on the Earth and its ecosystems. This book presents evidence for defining the Anthropocene as a geological epoch, written by the high-profile international team analysing its potential addition to the geological time scale. The evidence ranges from chemical signals arising from pollution, to landscape changes associated with urbanisation, and biological changes associated with species invasion and extinctions. Global environmental change is placed within the context of planetary processes and deep geological time, allowing the reader to appreciate the scale of human-driven change and compare the global transition taking place today with major transitions in Earth history. This is an authoritative review of the Anthropocene for graduate students and academic researchers across scientific, social

science and humanities disciplines.

**Date** 2019-03-07  
**Language** en  
**Short Title** The Anthropocene as a Geological Time Unit  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 RB 10844 Z22  
**Place** Cambridge  
**Publisher** Cambridge University Press  
**ISBN** 978-1-108-47523-5  
**# of Pages** 382  
**Date Added** 7/23/2022, 3:48:25 PM  
**Modified** 1/15/2025, 4:31:57 PM

### Tags:

Climate Change, Anthropocene, Geology, TIME

### Attachments

- Amazon.com Link
- Zalasiewicz et al. - 2019 - The Anthropocene as a Geological Time Unit A Guid.pdf

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## The Anthropocene As a Geological Time Unit: A Guide to the Scientific Evidence and Current Debate

**Item Type** Book  
**Editor** J. A. Zalasiewicz  
**Abstract** "The Anthropocene, a term launched into public debate by Nobel Prize winner Paul Crutzen, has been used informally to describe the time period during which human actions have had a drastic effect on the Earth and its ecosystems."--  
**Date** 2018  
**Language** en  
**Short Title** The Anthropocene As a Geological Time Unit  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 RB 10844 Z22  
**Place** Cambridge  
**Publisher** Cambridge University Press  
**ISBN** 978-1-108-47523-5  
**# of Pages** 361  
**Date Added** 1/15/2023, 5:23:03 PM  
**Modified** 1/28/2025, 3:14:39 PM

**Tags:**

Nature, Human ecology, Effect of human beings on, Geology, Stratigraphic, TIME

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## The Good Ancestor: How to Think Long Term in a Short Term World

**Item Type** Book

**Author** Roman Krznaric

**Abstract** We are trapped in an age of short-term thinking. But in 50 years, in 100 years, in 500 years there will still be human beings living, working, loving and dreaming across the continents of planet Earth. The lives they lead will be profoundly influenced by how we act today, by the consequences of the history they will inherit. We are poised at a moment in time where we face an existential choice: do we want to become good ancestors?

**Date** 2020

**Language** en

**Short Title** The Good Ancestor

**Library Catalog** Panel on Planetary Thinking

**Call Number** 009 CC 8200 K94

**Extra** OCLC: 1144812996

**Place** London

**Publisher** WH Allen

**ISBN** 978-0-7535-5449-4

**# of Pages** 323

**Date Added** 1/15/2023, 4:38:21 PM

**Modified** 1/28/2025, 3:15:38 PM

**Tags:**

History, TIME

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## The Long View: Why We Need to Transform How the World Sees Time

**Item Type** Book

**Author** Richard Fisher

**Abstract** A wide-ranging and thought-provoking exploration of the importance of long-term thinking. Humans are unique in our ability to understand time, able to comprehend the past and future like no other species. Yet modern-day technology and capitalism have supercharged our short-termist tendencies and trapped us in the present, at the mercy of reactive politics, quarterly business targets and 24-hour news cycles. It wasn't always so. In medieval times, craftsmen worked on cathedrals that would be unfinished in their lifetime. Indigenous leaders fostered intergenerational reciprocity. And in the early twentieth century, writers dreamed of worlds thousands of years

hence. Now, as we face long-term challenges on an unprecedented scale, how do we recapture that far-sighted vision? Richard Fisher takes us from the boardrooms of Japan – home to some of the world’s oldest businesses – to an Australian laboratory where an experiment started a century ago is still going strong. He examines the psychological biases that discourage the long view, and talks to the growing number of people from the worlds of philosophy, technology, science and the arts who are exploring smart ways to overcome them. How can we learn to widen our perception of time and honour our obligations to the lives of those not yet born?

**Date** 2023  
**Language** en  
**Short Title** The Long View  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 MS 1280 F535  
**Extra** OCLC: 1360244815  
**Place** London, UK  
**Publisher** Headline  
**ISBN** 978-1-4722-8522-5  
**# of Pages** 344  
**Date Added** 1/10/2024, 5:08:40 PM  
**Modified** 1/10/2024, 5:10:37 PM

**Tags:**

Finance, Economics, TIME, Business & Management

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## The Order of Time

**Item Type** Book  
**Author** Carlo Rovelli  
**Translator** Erica Segre  
**Translator** Simon Carnell  
**Abstract** We are time. We are this space, this clearing opened by the traces of memory inside the connections between our neurons. We are memory. We are nostalgia. We are longing for a future that will not come! Time is a mystery that does not cease to puzzle us. Philosophers, artists and poets have long explored its meaning while scientists have found that its structure is different from the simple intuition we have of it. From Boltzmann to quantum theory, from Einstein to loop quantum gravity, our understanding of time has been undergoing radical transformations. Time flows at a different speed in different places, the past and the future differ far less than we might think, and the very notion of the present evaporates in the vast universe. With his extraordinary charm and sense of wonder, bringing together science, philosophy and art, Carlo Rovelli unravels this mystery. Enlightening and consoling, *The Order of Time* shows that to understand ourselves we need to reflect on time -- and to understand time we need to reflect on ourselves.  
**Date** 2019

**Language** en  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 CC 6320 R873 O65  
**Place** London  
**Publisher** Penguin Books  
**ISBN** 978-0-14-198496-4  
**# of Pages** 213  
**Date Added** 1/15/2023, 4:33:56 PM  
**Modified** 1/28/2025, 3:16:12 PM

**Tags:**

Popular Science, Poetry, Physics, TIME

**Notes:**

Includes bibliographical references and index

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## The Political Value of Time: Citizenship, Duration and Democratic Justice

**Item Type** Book  
**Author** Elizabeth F. Cohen  
**Abstract** "Time is widely recognized as one of the most precious and finite resources required for the accomplishment of human purposes. Within the domain of the political, time is required for almost any exercise of liberty that people seek to protect through the enforcement of social contracts, constitutions, and laws. Time is therefore inextricable from the realization of any vision of political justice. All political subjects encounter myriad ways in which their time is structured, valued, appropriated, or freed by the state. In the United States, we wait to turn 18 to acquire political voice and full representation. Then we wait again, to turn 62 or 66, when we can retire from work and receive retirement benefits, if we wish. People file taxes on April 15; redistricting hinges on decennial censuses; and prosecutors specify when crimes were committed to determine whether statutes of limitation have expired. Around us convicted criminals are punished with prison sentences of varying durations, legal permanent residents refrain from traveling for long periods of time as they seek to naturalize, and election cycles run their course only to begin anew. Despite the significance of time for the satisfaction of people's ends, the legitimate power of the state to command the time of its subjects and set a political schedule is not generally contested"--  
**Date** 2018  
**Language** en  
**Short Title** The Political Value of Time  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 MD 1000 C678  
**Extra** OCLC: NEW

**Place** Cambridge, United Kingdom ; New York, NY  
**Publisher** Cambridge University Press  
**ISBN** 978-1-108-41983-3 978-1-108-41225-4  
**# of Pages** 183  
**Date Added** 1/15/2023, 4:46:18 PM  
**Modified** 1/28/2025, 3:16:46 PM

**Tags:**

Political aspects, Democracy, Political participation, TIME, Citizenship, State, The

**Notes:**

The sovereign temporal boundaries around nation-states, populations, and citizenries -- Democracy, duration, and lived consent -- Time's political value -- The political economy of time

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## The Politics of Deep Time

**Item Type** Book  
**Author** Frederic Hanusch  
**Abstract** Human societies increasingly interact with processes on a geological or even cosmic timescale. Despite this recognition, we still lack a basic understanding of these interconnections and how they translate into politics. This Element provides an exploration and systematization of 'the politics of deep time' as a novel lens of planetary politics in three steps. First, it demonstrates why deep-time interactions render the politics of deep time essential; second, it asks how deep time should be politicized and third, it explicates the politics of deep time by examining representative cases. The Element also formulates a conceptual framework to open up possibilities for alliances that seek to better understand and realize the politics of deep time, pioneering a debate on how planetary temporalities can be politically institutionalized. This title is also available as Open Access on Cambridge Core

**Date** 2023

**Language** eng

**Library Catalog** Panel on Planetary Thinking

**URL** <https://doi.org/10.1017/9781108936606>

**Place** Cambridge

**Publisher** Cambridge University Press

**ISBN** 978-1-108-93660-6 978-1-009-46817-6 978-1-108-94702-2

**Series** Elements in Earth System Governance

**# of Pages** 99

**Date Added** 1/28/2025, 12:49:31 PM

**Modified** 8/7/2025, 12:57:46 PM

**Tags:**

TIME, Deep Time, Planetary Timescales

**Notes:**

Title from publisher's bibliographic system (viewed on 13 Nov 2023)

**Attachments**

- Full Text

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**The Time of Anthropology: Studies of Contemporary Chronopolitics**

**Item Type** Book

**Editor** Elisabeth Kirtsoglou

**Editor** Bob Simpson

**Abstract** "The Time of Anthropology provides a series of compelling anthropological case studies that explore the different temporalities at play in the scientific discourses, governmental techniques and policy practices through which modern life is shaped. Together they constitute a novel analysis of contemporary chronopolitics. The contributions focus on state power, citizenship, and ecologies of time to reveal the scalar properties of chronopolitics as it shifts between everyday lived realities and the macro-institutional work of nation states. The collection charts important new directions for chronopolitical thinking in the future of anthropological research"--

**Date** 2021

**Language** en

**Short Title** The Time of Anthropology

**Library Catalog** Panel on Planetary Thinking

**Call Number** 009 MD 7000 K61

**Place** Abingdon, Oxon ; New York

**Publisher** Routledge

**ISBN** 978-1-350-12582-7 978-1-350-12586-5

**Series** Asa monographs

**# of Pages** 211

**Date Added** 3/1/2023, 5:05:25 PM

**Modified** 1/28/2025, 3:17:08 PM

**Tags:**

Anthropology, Case studies, TIME, Chronopolitics

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Time and Environmental Law: Telling Nature's Time

**Item Type** Book

**Author** Benjamin J. Richardson

**Abstract** Disciplined by industrial clock time, modern life distances people from nature's biorhythms such as its ecological, evolutionary, and climatic processes. The law is complicit in numerous ways. It compresses time through 'fast-track' legislation and accelerated resource exploitation. It suffers from temporal inertia, such as 'grandfathering' existing activities that limits the law's responsiveness to changing circumstances. Insouciance about past ecological damage, and neglect of its restoration, are equally serious temporal flaws: we cannot live sustainably while Earth remains degraded and unrepaired. Applying international and interdisciplinary perspectives on these issues, *Time and Environmental Law* explores how to align law with the ecological 'timescape' and enable humankind to 'tell nature's time'. Lending insight into environmental behaviour and impacts, this book pioneers a new understanding of environmental law for all societies, and makes recommendations for its reform. Minding nature, not the clock, requires regenerating Earth, adapting to its changes, and living more slowly.

**Date** 2017

**Short Title** Time and Environmental Law

**Library Catalog** Panel on Planetary Thinking

**Call Number** 009 PR 2359 R521

**Place** Cambridge, United Kingdom ; New York, NY, USA

**Publisher** Cambridge University Press

**ISBN** 978-1-107-19124-2

**Date Added** 3/1/2023, 6:34:18 PM

**Modified** 1/28/2025, 3:17:28 PM

**Tags:**

Nature, TIME, LAW / Environmental

**Notes:**

"Disciplined by industrial clock time, modern life distances people from nature's biorhythms such as its ecological, evolutionary, and climatic processes. The law is complicit in numerous ways. It compresses time through 'fast-track' legislation and accelerated resource exploitation. It suffers from temporal inertia, such as 'grandfathering' existing activities that limits the law's responsiveness to changing circumstances. Insouciance about past ecological damage, and neglect of its restoration, are equally serious temporal flaws: we cannot live sustainably while Earth remains degraded and unrepaired. Applying international and interdisciplinary perspectives on these issues, Time and Environmental Law explores how to align law with the ecological 'timescape' and enable humankind to 'tell nature's time'. Lending insight into environmental behaviour and impacts, this book pioneers a new understanding of environmental law for all societies, and makes recommendations for its reform. Minding nature, not the clock, requires regenerating Earth, adapting to its changes, and living more slowly"-- "Disciplined by industrial clock time, modern life distances people from nature's biorhythms such as its ecological, evolutionary, and climatic processes. The law is complicit in numerous ways. It compresses time through 'fast-track' legislation and accelerated resource exploitation. It suffers from temporal inertia, such as 'grandfathering' existing activities that limits the law's responsiveness to changing circumstances. Insouciance about past ecological damage, and neglect of its restoration, are equally serious temporal flaws: we cannot live sustainably while Earth remains degraded and unrepaired. Applying international and interdisciplinary perspectives of these issues, Time and Environmental Law explores how to align law with the ecological 'timescape' and enable humankind to 'tell nature's time'. Lending insight into environmental behaviour and impacts, this book pioneers a new understanding of environmental law for all societies, and makes recommendations for its reform. Minding nature, not the clock, requires regenerating Earth, adapting to its changes, and living more slowly"--

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Machine generated contents note: 1. It's time; 2. Temporalities of change; 3. The ever-present now; 4. Rear vision; 5. Rallentare; 6. Telling the time

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## Time, Progress, Growth and Technology: How Humans and the Earth Are Responding

**Item Type** Book

**Author** F. D. Santos

**Abstract** This book addresses the current challenges of sustainable development, including its social, economic and environmental components. The author argues that we need to develop a new concept of time based on inter-generational solidarity, which focuses both on the long- and the short term. The evolution of man's notions of time are analyzed from prehistory to modern times, showing how these concepts shape our worldviews, our ecological paradigms and our equilibrium with our planet. Practical approaches to dealing with the major medium- and long term sustainability challenges of the 21st century are presented and discussed. This is a thought provoking and timely book that addresses the main global socioeconomic and environmental challenges facing the current and future generations, using science-based analysis and perspectives. It presents an historical narrative of the advent of progress, economic growth and technology, and discusses the structural changes needed to co-create sustainable pathways. It provides hope for our future on Earth, mankind's common home. António Guterres, Secretary-General of the United Nations

**Date** 2021

**Language** en  
**Short Title** Time, Progress, Growth and Technology  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 MS 9000 D812  
**Extra** OCLC: 1197560747  
**Place** Cham, Switzerland  
**Publisher** Springer  
**ISBN** 978-3-030-55334-0  
**# of Pages** 703  
**Date Added** 1/15/2023, 4:56:21 PM  
**Modified** 1/28/2025, 3:17:58 PM

**Tags:**

Sustainability, Technology, Planetary Boundaries, TIME, Growth, Sustainable development goals

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## Timefulness: How Thinking Like a Geologist Can Help Save the World

**Item Type** Book

**Author** Marcia Bjornerud

**Abstract** Why an awareness of Earth's temporal rhythms is critical to our planetary survival  
Few of us have any conception of the enormous timescales in our planet's long history, and this narrow perspective underlies many of the environmental problems we are creating for ourselves. The passage of nine days, which is how long a drop of water typically stays in Earth's atmosphere, is something we can easily grasp. But spans of hundreds of years—the time a molecule of carbon dioxide resides in the atmosphere—approach the limits of our comprehension. Our everyday lives are shaped by processes that vastly predate us, and our habits will in turn have consequences that will outlast us by generations. Timefulness reveals how knowing the rhythms of Earth's deep past and conceiving of time as a geologist does can give us the perspective we need for a more sustainable future. Marcia Bjornerud shows how geologists chart the planet's past, explaining how we can determine the pace of solid Earth processes such as mountain building and erosion and comparing them with the more unstable rhythms of the oceans and atmosphere. These overlapping rates of change in the Earth system—some fast, some slow—demand a poly-temporal worldview, one that Bjornerud calls “timefulness.” She explains why timefulness is vital in the Anthropocene, this human epoch of accelerating planetary change, and proposes sensible solutions for building a more time-literate society. This compelling book presents a new way of thinking about our place in time, enabling us to make decisions on multigenerational timescales. The lifespan of Earth may seem unfathomable compared to the brevity of human existence, but this view of time denies our deep roots in Earth's history—and the magnitude of our effects on the planet.

**Date** 2018-09-11

**Language** en

**Short Title** Timefulness

**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 TF 4000 B626  
**URL** <https://www.degruyter.com/document/doi/10.23943/9780691184531/html>  
**Accessed** 3/17/2022, 4:00:55 PM  
**Extra** DOI: 10.23943/9780691184531 Publication Title: Timefulness  
**Publisher** Princeton University Press  
**ISBN** 978-0-691-18453-1  
**# of Pages** 224  
**Date Added** 3/17/2022, 4:00:55 PM  
**Modified** 8/13/2025, 2:24:18 PM

### Tags:

Biology, Paleontology, Governance, Earth, Anthropocene, Geology, Climate change, Climatology, Earth system science, Ecosystem, Geochemistry, Geochronology, Geologic time scale, Geologist, Holocene, Infrastructure, Metamorphism, Ocean acidification, Tectonics, Volcanism, TIME

### Attachments

- Marcia Bjornerud - Timefulness\_ How Thinking Like a Geologist Can Help Save the World- Princeton University Press (2018).pdf

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## Timefulness: How Thinking Like a Geologist Can Help Save the World

**Item Type** Book

**Author** Marcia Bjornerud

**Author** Haley Hagerman

**Abstract** Few of us have any conception of the enormous timescales in our planet's long history, and this narrow perspective underlies many of the environmental problems we are creating for ourselves. The passage of nine days, which is how long a drop of water typically stays in Earth's atmosphere, is something we can easily grasp. But spans of hundreds of years—the time a molecule of carbon dioxide resides in the atmosphere—approach the limits of our comprehension. Our everyday lives are shaped by processes that vastly predate us, and our habits will in turn have consequences that will outlast us by generations. Timefulness reveals how knowing the rhythms of Earth's deep past and conceiving of time as a geologist does can give us the perspective we need for a more sustainable future. Marcia Bjornerud shows how geologists chart the planet's past, explaining how we can determine the pace of solid Earth processes such as mountain building and erosion and comparing them with the more unstable rhythms of the oceans and atmosphere. These overlapping rates of change in the Earth system—some fast, some slow—demand a poly-temporal worldview, one that Bjornerud calls “timefulness.” She explains why timefulness is vital in the Anthropocene, this human epoch of accelerating planetary change, and proposes sensible solutions for building a more time-literate society. This compelling book presents a new way of thinking about our place in time, enabling us to make decisions

on multigenerational timescales. The lifespan of Earth may seem unfathomable compared to the brevity of human existence, but this view of time denies our deep roots in Earth's history—and the magnitude of our effects on the planet.

**Date** 2020  
**Language** en  
**Short Title** Timefulness  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 TF 4000 B626  
**Place** Princeton, NJ Oxford  
**Publisher** Princeton University Press  
**ISBN** 978-0-691-20263-1 978-0-691-18120-2  
**Edition** First paperback edition, with discussion questions  
**# of Pages** 210  
**Date Added** 1/15/2023, 5:27:35 PM  
**Modified** 1/28/2025, 3:18:21 PM

### Tags:

Geology, TIME, Deep Time, Temporal Rhythm

### Notes:

"A proufound meditation on the richness, depth and entanglements of geologic time." - Wall Steet Journal

### Attachments

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## Über die Zeit

**Item Type** Book  
**Author** Norbert Elias  
**Editor** Michael Schröter  
**Translator** Holger Fliessbach  
**Author** Norbert Elias  
**Abstract** Was wir »Zeit« nennen, ist weder eine apriorische Gegebenheit der Menschennatur noch eine immanente Eigentümlichkeit der nicht- menschlichen, Natur, sondern ist Ausdruck einer menschlichen Syntheseleistung. Der Begriff »Zeit« wird von Elias zunächst der Verdinglichung entkleidet, die ihm in unserem substantivischen Sprachgebrauch anhaftet, und als symbolischer Repräsentant einer Tätigkeit, der sozialen Tätigkeit des Zeitbestimmens, erwiesen. »Das Wort 'Zeit', so könnte man sagen, ist ein Symbol für eine Beziehung, die eine Menschengruppe, also eine Gruppe von Lebewesen mit der biologisch gegebenen Fähigkeit zur Erinnerung und zur Synthese, zwischen zwei oder mehreren Geschehensabläufen herstellt, von denen sie

einen als Bezugsrahmen oder Maßstab für den oder die anderen standardisiert.« Als Geschehensabläufe dieser Art, die gleichsam Meilensteine in den kontinuierlichen Fluß der Ereignisse hineinbauen, dienen in früheren Gesellschaften Regelmäßigkeiten der nicht-menschlichen Natur wie die Bewegungen von Sonne und Mond. Später treten an deren Stelle zunehmend menschengeschaffene Instrumente, wie z. B. Uhren und Kalender. Elias veranschaulicht seine vielfältigen Überlegungen zum Thema »Zeit« durch eine Fülle von Beispielen aus Gesellschaften verschiedener Entwicklungsstufen. Immer wieder bieten sie ihm auch Anlaß für Ausblicke allgemeiner Art. Nicht zuletzt dient diese Studie Elias als Beispiel für die Schwierigkeiten der Weiterentwicklung menschlicher Orientierungsmittel oder Symbole zu einer höheren Synthese-Ebene, die er an der Entwicklung verschiedener Zeitbegriffe herausgearbeitet hat.

**Date** 2017  
**Language** de  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 MQ 3176 U22 1988 (13)  
**Place** Frankfurt am Main  
**Publisher** Suhrkamp  
**ISBN** 978-3-518-28356-1  
**Series** Arbeiten zur Wissenssoziologie / Norbert Elias. Hrsg. von Michael Schröter  
**Series Number** 2  
**Edition** 12. Auflage  
**# of Pages** 196  
**Date Added** 1/10/2024, 5:29:37 PM  
**Modified** 1/10/2024, 5:32:37 PM

**Tags:**

Sociology, Sociology of Knowledge, TIME

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## Variantologie: zur Tiefenzeit der Beziehungen von Kunst, Wissenschaft & Technik

**Item Type** Book  
**Editor** Siegfried Zielinski  
**Contributor** Eckhard Furlus  
**Contributor** Nanni Balestrini  
**Date** 2013  
**Language** de  
**Short Title** Variantologie  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 LH 61100 Z66  
**Extra** OCLC: ocn881424574

**Place** Berlin  
**Publisher** Kulturverl. Kadmos  
**ISBN** 978-3-86599-188-1  
**# of Pages** 528  
**Date Added** 1/15/2023, 4:43:44 PM  
**Modified** 1/30/2025, 4:23:58 PM

**Tags:**

Philosophy, Arts, TIME, Deep Time, Science and the arts

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## What Kind of Ancestor Do You Want to Be?

**Item Type** Book

**Editor** John Hausdoerffer

**Editor** Brooke Parry Hecht

**Editor** Melissa K. Nelson

**Editor** Katherine Kassouf Cummings

**Abstract** "What Kind of Ancestor Do You Want to Be? challenges our relationship to the environment and to each other, not only now but across generations. It is an important question for our time, when communities have become fragmented by a global consumer society, when our selves have become isolated in a competitive and technology-driven economy, and when our spiritual, social, and ecological impacts on human and other-than-human beings extend farther than ever imagined due to globalization and climate change. Through interviews and poetic snapshots into the experience of Indigenous people and others, this book demands that the reader think about how contemporary concerns oblige us to see ourselves as someone's future ancestor and, in turn, creates for the reader a different way of looking at his or her traditions and self"--

**Date** 2021

**Language** en

**Library Catalog** Panel on Planetary Thinking

**Call Number** 009 MS 1290 H376

**Place** Chicago

**Publisher** University of Chicago Press

**ISBN** 978-0-226-77726-9 978-0-226-77743-6

**# of Pages** 290

**Date Added** 1/15/2023, 5:14:43 PM

**Modified** 1/28/2025, 3:18:42 PM

**Tags:**

Traditional ecological knowledge, Social life and customs, Indians of North America, TIME

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## What We Owe the Future

**Item Type** Book

**Author** William MacAskill

**Abstract** The fate of the world is in our hands. Humanity's written history spans only five thousand years. Our yet-unwritten future could last for millions more — or it could end tomorrow. Astonishing numbers of people could lead lives of great happiness or unimaginable suffering, or never live at all, depending on what we choose to do today. In *What We Owe The Future*, philosopher William MacAskill argues for longtermism, that idea that positively influencing the distant future is a key moral priority of our time. From this perspective, it's not enough to reverse climate change or avert the next pandemic. We must ensure that civilization would rebound if it collapsed; counter the end of moral progress; and prepare for a planet where the smartest beings are digital, not human. If we make wise choices today, our grandchildren's grandchildren will thrive, knowing we did everything we could to give them a world full of justice, hope and beauty.

**Date** 2022

**Language** eng

**Library Catalog** Panel on Planetary Thinking

**Call Number** 009 MS 1280 M116

**Place** New York, NY

**Publisher** Basic Books

**ISBN** 978-1-5416-1862-6

**Edition** First edition

**# of Pages** 335

**Date Added** 8/6/2025, 12:17:11 PM

**Modified** 8/7/2025, 12:19:28 PM

### Tags:

Future, TIME, Longtermism, Moral Responsibilities

### Notes:

Includes bibliographical references and index

### Attachments

- Table of Contents PDF

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## Zeichen der Zeit: Umriss einer Politischen Theorie der Temporalität

**Item Type** Book

**Author** Marlon Barbehön

**Abstract** Zeit ist eine grundlegende Bezugsgröße der politischen Welt. Doch was geschieht genau, wenn sich Politik an zeitlichen Horizonten und mit zeitlichen Kategorien orientiert? Marlon Barbehön entwickelt auf Grundlage kulturtheoretischer Zugänge eine Politische Theorie der Temporalität, um die Verwobenheit zeitlicher und politischer Wirklichkeit zu untersuchen. Mittels konzeptioneller Begriffsarbeiten und illustrativer Analysen wird gezeigt, dass Zeit der Politik nicht als objektive Größe voraus-, sondern auf kontingente Weise aus ihr hervorgeht

**Date** 2023

**Language** ger

**Short Title** Zeichen der Zeit

**Library Catalog** Panel on Planetary Thinking

**Call Number** 000 MD 7000 B233

**Place** Weinheim

**Publisher** Campus Verlag

**ISBN** 978-3-593-51825-1 978-3-593-45602-7

**Edition** 1. Auflage

**# of Pages** 411

**Date Added** 8/8/2025, 6:25:01 PM

**Modified** 8/8/2025, 6:26:12 PM

### Tags:

Politics, Political Theory, TIME, Cultural Theory

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## Zeit und Mensch: Facetten einer Kulturgeschichte

**Item Type** Book

**Author** Udo Marquardt

**Abstract** Udo Marquardt verfolgt die Entwicklung unseres Verständnisses von Zeit, von seinen Ursprüngen bis hin zu seiner heutigen abstrakten Form, die notwendig ist, um moderne Gesellschaften zu organisieren. Dabei konfrontiert er uns mit unserer zunehmenden Entfremdung von der Zeit und plädiert für einen existenziell-lebensweltlichen Zeitbegriff, der die individuelle Lebensspanne betont. Der Autor entfaltet auf diesem Weg eine Geschichte der Zeitvergessenheit, die eine Umkehrung von Heideggers These der Seinsvergessenheit vollzieht. Zeitvergessenheit beginnt nicht in der Antike, sondern ist ein Phänomen der Moderne. Aus dieser Zeitvergessenheit führt uns nur ein Umdenken, das in die Erkenntnis mündet, dass Zeit nicht nur ein organisatorisches Werkzeug ist, sondern das eigentliche Leben selbst. Marquardt Werk bietet eine Art Kulturgeschichte der Zeit, wirft aber zugleich Fragen nach dem Sinn des Lebens auf und lässt die Einzigartigkeit und Unwiederbringlichkeit jeder individuellen Lebenszeit deutlich werden. Der Inhalt des Buches reicht von philosophischen Zeittheorien bis hin zu praktischen Aspekten wie der Geschichte der Zeitmessung und der Beschleunigung des modernen Lebens. Eine Reise durch die Zeit und ihre Bedeutung für das menschliche Dasein.

**Date** 2024  
**Language** de  
**Short Title** Zeit und Mensch  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 CC 6320 M357  
**Place** Basel  
**Publisher** Schwabe Verlag  
**ISBN** 978-3-7965-4947-2  
**# of Pages** 247  
**Date Added** 2/1/2024, 12:36:21 PM  
**Modified** 2/1/2024, 12:40:17 PM

**Tags:**

Cultural Studies, TIME, philosophy

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## Zukunft als Katastrophe

**Item Type** Book

**Author** Eva Horn

**Abstract** Unsere Gegenwart gefällt sich darin, Zukunft als Katastrophe zu denken, in Kino, Wissenschaft und Literatur. Eva Horn geht der Geschichte und den Motiven dieses modernen Katastrophenbewusstseins nach. Sie legt dabei die biopolitischen Konflikte frei, die in den Untergangsszenarien – von der Verdunklung des Globus über den Atomtod bis zum Klimawandel – ausgetragen werden. Sie zeigt aber auch, wie in den Rufen nach Sicherheit und Prävention Fiktionen wirksam sind, die man als solche begreifen und analysieren muss. Die künftige Katastrophe zu entziffern bedeutet nämlich immer, eine Geschichte schon zu Ende zu erzählen, die sich erst noch ereignen soll. „Am Ende liegt alles in Trümmern: Die Germanistin Eva Horn hat einen gelehrten, aufregenden Essay über Apokalypsendarstellungen in Literatur und Film geschrieben... Aus der Fülle an literatur- und filmhistorischen Szenarien präpariert Horn die zentralen Motive unserer Apokalypsenahnungen heraus. Eine ganze Motivgeschichte liegt vor uns. Die unmittelbare Verbindung von Meteorologie und Anthropologie. Die Natur, die ihren Raum wiedererobert. Die Entvölkerung und die Überbevölkerung, deren Endpunkt die Hungersnot ist und die zwangsläufige Denaturierung des Menschen: Er wird zu seiner eigenen Ressource. Das ist die schaurige Konsequenz, von der etwa sowohl McCarthys entleerte Welt in *The Road* erzählt als auch Richard Fleischers Science-Fiction-Film *Soylent Green* (1973), in dem in einem überbevölkerten New York ein Nahrungsmittel aus Menschen hergestellt wird. Horn stellt nicht nur nüchtern fest, dass der Mensch "von der eigenen Auslöschung" träume und davon, "irgendwann spurlos verschwunden zu sein". Ebenso verweist sie auf die Möglichkeit der politischen Instrumentalisierung, auf die Suggestionskraft solcher Erzählungen“ (ZEIT). Platz 4 der SZ/NDR Kultur-Sachbücher des Monats August 2014

**Date** 2014

**Language** de  
**Library Catalog** Panel on Planetary Thinking  
**Call Number** 009 EC 5410 K19 H813 (2)  
**Place** Frankfurt am Main  
**Publisher** S. Fischer  
**ISBN** 978-3-596-37077-1 978-3-10-016803-0  
**Series** S. Fischer Wissenschaft  
**# of Pages** 474  
**Date Added** 1/10/2024, 3:43:51 PM  
**Modified** 8/12/2025, 3:13:24 PM

**Tags:**

future studies, Literary Studies, Catastrophy, TIME

**Notes:**

Literatur- und URL-Verzeichnis: Seite 436-462

**Attachments**

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