
Accumulation: the art, architecture, and media of climate change

Type Book

Editor Nick Axel

Editor Daniel A. Barber

Editor Nikolaus Hirsch

Editor Anton Vidokle

Abstract "How can climate become visible, culturally and politically? The essays in Accumulation offer a response to the relative invisibility of the climate now seen as material manifestations of social behavior"--

Date 2022

Language en

Short Title Accumulation

Library Catalog Panel on Planetary Thinking

Call Number 009 UT 8900 A969

Extra Meeting Name: After the Spectacular Image: Art, Architecture, and the Media of Climate Change (Conference)

Place Minneapolis

Publisher University of Minnesota Press ; Graham Foundation for Advanced Studies in the Fine Arts

ISBN 978-1-5179-1150-8 978-1-5179-1151-5

Series E-flux architecture

of Pages 271

Date Added 1/11/2023, 7:10:30 PM

Modified 1/18/2023, 3:38:13 PM

Tags:

Social aspects, Congresses, Architecture and climate, Climatic changes in mass media, Essays, Mass media and architecture, Visual communication, INFRASTRUCTURE

Climates: architecture and the planetary imaginary

Type Book

Date 2016

Language en

Short Title Climates

Library Catalog Panel on Planetary Thinking

Call Number 009 ZH 3080 G739

Place New York, NY

Publisher Columbia Books on Architecture and the City

ISBN 978-3-03778-494-5

of Pages 371

Date Added 1/11/2023, 7:14:42 PM

Modified 1/18/2023, 3:38:18 PM

Tags:

Architecture and climate, INFRASTRUCTURE

Notes:

Earths -- Political ecologies -- Corporealities -- Enclosures

Die Wasserstoff-Wende: so funktioniert die Energie der Zukunft

Type Book

Author Monika Rößiger

Abstract Wasserstoff kann Energieträger und Speichermedium zugleich sein. Er gibt uns die Chance, auf Erdöl, Kohle und Erdgas zu verzichten. Die Wissenschaftsjournalistin Monika Rößiger beschreibt diese revolutionäre Technologie und ist überzeugt: Die kommenden Jahre stellen die Weichen für unsere Zukunft. Unter dem Druck drohender Energieknappheit sollten wir uns nicht erneut in zweifelhafte Abhängigkeiten begeben. Rößiger porträtiert Pilotprojekte und die Menschen dahinter: In der Energieversorgung, Stahlindustrie und Hafenlogistik, beim Antrieb von Lkw, Zügen, Schiffen und Flugzeugen – überall wird die Nutzung erprobt. Und auch für die rentable Produktion grünen Wasserstoffs gibt es interessante Ansätze. Politik, Wirtschaft und Gesellschaft müssen nun an einem Strang ziehen: Mit Hilfe von Wasserstoff können wir die Energie wende schaffen und dabei Wohlstand und Arbeitsplätze in Deutschland sichern.

Date 2022

Language de

Short Title Die Wasserstoff-Wende

Library Catalog Panel on Planetary Thinking

Call Number 009 ZP 4150 R718

Place Hamburg

Publisher Edition Körber

ISBN 978-3-89684-295-4

of Pages 254

Date Added 1/11/2023, 7:21:35 PM

Modified 1/18/2023, 3:38:21 PM

Tags:

popular science, INFRASTRUCTURE

Attachments

Energy at the end of the world: an Orkney Islands saga

Type Book

Author Laura Watts

Abstract The islands of Orkney, off the northern coast of Scotland, are closer to the Arctic Circle than to London. Surrounded by fierce seas and shrouded by clouds and mist, the islands seem to mark the edge of the known world. And yet they are a center for energy technology innovation, from marine energy to hydrogen fuel networks, attracting the interest of venture capitalists and local communities. In this book, Laura Watts tells a story of making energy futures at the edge of the world. Orkney, Watts tells us, has been making technology for six thousand years, from arrowheads and stone circles to wave and tide energy prototypes. Artifacts and traces of all the ages—Stone, Bronze, Iron, Viking, Silicon—are visible everywhere. The islanders turned to energy innovation when forced to contend with an energy infrastructure they had outgrown. Today, Orkney is home to the European Marine Energy Centre, established in 2003. There are about forty open-sea marine energy test facilities in the world, many of which draw on Orkney expertise. The islands generate more renewable energy than they use, are growing hydrogen fuel and electric car networks, and have hundreds of locally owned micro wind turbines and a decade-old smart grid. Mixing storytelling and ethnography, empiricism and lyricism, Watts tells an Orkney energy saga—an account of how the islands are creating their own low-carbon future in the face of the seemingly impossible. The Orkney Islands, Watts shows, are playing a long game, making energy futures for another six thousand years.

Date 2018

Language en

Short Title Energy at the end of the world

Library Catalog Panel on Planetary Thinking

Call Number 009 AR 26600 W348

Place Cambridge, Massachusetts

Publisher The MIT Press

ISBN 978-0-262-03889-8

Series Infrastructures

of Pages 421

Date Added 1/11/2023, 6:45:15 PM

Modified 1/18/2023, 3:38:24 PM

Tags:

History, Description and travel, Energy conservation, Orkney (Scotland), Renewable energy sources, Research History, Scotland Orkney, INFRASTRUCTURE

Formgiving

Type Book

Editor Bjarke Ingels group

Abstract Formgiving, le nouveau livre du BIG (Bjarke Ingels Group) et dernier volet de la trilogie publiée chez TASCHEN, est une tentative visionnaire de considérer le temps depuis son horizon, du Big Bang à l'avenir le plus lointain. Cet ouvrage trace six trajectoires d'évolution, s'intéresse notamment au développement de l'intelligence artificielle, à la durabilité, à la migration interplanétaire, dans le contexte de l'architecture et du design, afin de donner forme au monde futur que nous voulons habiter – dès maintenant

Date 2020

Language en

Library Catalog Panel on Planetary Thinking

Call Number 009 LI 99999 B626

Place Köln [Paris]

Publisher Taschen

ISBN 978-3-8365-7704-5

of Pages 734

Date Added 1/11/2023, 6:49:22 PM

Modified 1/18/2023, 3:38:28 PM

Tags:

Architecture, Design, Ecosystems, INFRASTRUCTURE

Infrastructure, environment, and life in the Anthropocene

Type Book

Editor Kregg Hetherington

Abstract 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.

Date 2019

Language en

Library Catalog Panel on Planetary Thinking

Call Number 009 MS 9000 H589

Place Durham
Publisher Duke University Press
ISBN 978-1-4780-0113-3 978-1-4780-0148-5
Series Experimental futures
of Pages 304
Date Added 1/11/2023, 7:05:42 PM
Modified 1/18/2023, 3:38:32 PM

Tags:

Sustainable development, Effect of human beings on, Environmental aspects, Political aspects, Climatic changes, Infrastructure (Economics), Human geography, Water-supply, INFRASTRUCTURE

Notes:

The underground as infrastructure? Water, figure/ground reversals and dissolution in Sardinal / Andrea Ballesterro -- Clandestine infrastructures : illicit connectivities in the US-Mexico borderlands / Shaylih Muehlmann -- The metropolis : the infrastructure of the Anthropocene / Gastón Gordillo -- Dirty landscapes : how weediness indexes state disinvestment and global disconnection / Ashley Carse -- From Edenic apocalypse to gardens against Eden : plants and people in and after the Anthropocene / Natasha Myers -- Leaking lines / Nikhil Anand -- Low tide : submerged humanism in a Colombian port / Austin Zeiderman -- Oysterstructure : infrastructure, profanation and the sacred figure of the human / Stephanie Wakefield and Bruce Braun -- Here comes the sun? Experimenting with Cambodian energy infrastructures / Casper Bruun Jensen -- The crisis in crisis / Joseph Masco

Infrastructures and social complexity: a companion

Type Book
Editor Penelope Harvey
Editor Casper Bruun Jensen
Editor Atsurō Morita
Abstract Contemporary forms of infrastructural development herald alternative futures through their incorporation of digital technologies, mobile capital, international politics and the promises and fears of enhanced connectivity. In tandem with increasing concerns about climate change and the anthropocene, there is further an urgency around contemporary infrastructural provision: a concern about its fragility, and an awareness that these connective, relational systems significantly shape both local and planetary futures in ways that we need to understand more clearly. Offering a rich set of empirically detailed and conceptually sophisticated studies of infrastructural systems and experiments, present and past, contributors to this volume address both the transformative potential of infrastructural systems and their stasis. Covering infrastructural figures; their ontologies, epistemologies, classifications and politics, and spanning development, urban, energy, environmental and information infrastructures, the chapters explore both the promises and failures of infrastructure. Tracing the experimental histories of a wide range of infrastructures and documenting their variable outcomes, the volume

offers a unique set of analytical perspectives on contemporary infrastructural complications. These studies bring a systematic empirical and analytical attention to human worlds as they intersect with more-than-human worlds, whether technological or biological

Date 2019
Language en
Short Title Infrastructures and social complexity
Library Catalog Panel on Planetary Thinking
Call Number 009 QD 200 H342
Extra OCLC: 1291716426
Place London
Publisher Routledge, Taylor & Francis Group
ISBN 978-0-367-87535-0
of Pages 421
Date Added 1/11/2023, 7:08:52 PM
Modified 1/18/2023, 3:38:39 PM

Tags:

Social Science / Anthropology / General, Anthropology, Social Geography, INFRASTRUCTURE

Infrastrukturen als soziale Ordnungsdienste: ein Beitrag zur Gesellschaftsdiagnose

Type Book
Author Eva Barlösius
Abstract Kioske, Bankautomaten, Versicherungen, Ökosysteme und sogar Denkmuster: Gegenwärtig wird alles Mögliche zur Infrastruktur erklärt. Dieses Buch fragt, welche gesellschaftliche Transformation sich darin äußert; denn das Regime der Infrastrukturen ist darauf ausgelegt, eine bestimmte sozial-räumliche Ordnung zu realisieren. Wenn Infrastrukturen als soziale Ordnungsdienste fungieren, dann eignen sie sich, so die These dieses Buches, zur Gesellschaftsdiagnose. Anhand von vier Fallstudien – der Verdörflichung von Infrastrukturen, der Temporalisierung von Entfernungen, dem Wandel der Staatsaufgaben und der Infrastrukturierung von Forschung – untersucht Eva Barlösius, was Infrastrukturen gesellschaftlich leisten. Und sie diskutiert, warum für die Wissensgesellschaft ein infrastrukturelles Regime notwendig ist, das sich von dem der wohlfahrtsstaatlichen Industriegesellschaft unterscheidet.
Date 2019
Language de
Short Title Infrastrukturen als soziale Ordnungsdienste
Library Catalog Panel on Planetary Thinking
Call Number 009 MS 1170 B258
Place Frankfurt am Main

Publisher Campus Verlag
ISBN 978-3-593-51089-7
of Pages 217
Date Added 1/11/2023, 7:00:13 PM
Modified 1/18/2023, 3:38:36 PM

Tags:

INFRASTRUCTURE

Regenerative Energietechnik: Überblick über ausgewählte Technologien zur nachhaltigen Energieversorgung

Type Book
Author Gerhard Reich
Author Marcus Reppich
Date 2018
Language de
Short Title Regenerative Energietechnik
Library Catalog Panel on Planetary Thinking
Call Number 009 ZP 3700 R347 (2)
Extra DOI: 10.1007/978-3-658-20608-6
Place Wiesbaden
Publisher Springer Vieweg
ISBN 978-3-658-20607-9
Series Lehrbuch
Edition 2. Auflage
of Pages 269
Date Added 1/11/2023, 7:20:18 PM
Modified 1/18/2023, 3:38:44 PM

Tags:

Technology, Energy Science, Energy Technology, INFRASTRUCTURE

Notes:

Literaturangaben

Attachments

- Table of Contents PDF

The Architecture of Closed Worlds: Or, What is the Power of Shit?

Type Book

Author Lydia Kallipoliti

Abstract What do outer space capsules, submarines, and office buildings have in common? Each is conceived as a closed system: a self-sustaining physical environment demarcated from its surroundings by a boundary that does not allow for the transfer of matter or energy. The Architecture of Closed Worlds is a genealogy of self-reliant environments. Contemporary discussions about global warming, recycling, and sustainability have emerged as direct conceptual constructs related to the study and analysis of closed systems. From the space program to countercultural architectural groups experimenting with autonomous living, this publication documents a disciplinary transformation and the rise of a new environmental consensus in the form of a synthetic naturalism. It presents an archive of 37 historical living prototypes from 1928 to the present that put forth an unexplored genealogy of closed resource regeneration systems. In The Architecture of Closed Worlds prototypes are presented through unique discursive narratives with historical images. Each includes new analysis in the form of a feedback drawing that problematizes the language of environmental representation by illustrating loss, derailment, and the production of new substances and atmospheres.

Date 2018

Language en

Short Title The Architecture of Closed Worlds

Library Catalog Panel on Planetary Thinking

Call Number 009 ZH 4670 K14

Place Zürich

Publisher Müller, Lars

ISBN 978-3-03778-580-5

Edition 1. Auflage

of Pages 352

Date Added 1/11/2023, 7:18:23 PM

Modified 1/18/2023, 3:38:47 PM

Tags:

Architecture, INFRASTRUCTURE

The dance of innovation: infrastructure, social oscillation, and the evolution of societies

Type Book

Author Kevin J. McCaffree

Abstract "Few of us consider how mundane infrastructures-from electrical grids to sewage systems-have developed over millennia in ways that enable democracy,

technological innovation, to individual liberty itself. But what drives the evolution of this infrastructure? And why is infrastructure so critical to human flourishing?"--

Date 2022
Language en
Short Title The dance of innovation
Library Catalog Panel on Planetary Thinking
Call Number 009 MR 5750 M478
Place New York, NY
Publisher Routledge
ISBN 978-1-03-220939-5 978-1-03-220941-8
Series Evolutionary analysis in the social sciences
of Pages 291
Date Added 1/11/2023, 7:07:30 PM
Modified 1/18/2023, 3:38:51 PM

Tags:

Technological innovations, Infrastructure (Economics), Social evolution, INFRASTRUCTURE

The nature of data: infrastructures, environments, politics

Type Book
Editor Jenny Goldstein
Editor Eric Nost
Abstract "By synthesizing scholarly work at the intersection of political ecology, digital geography, and science and technology studies, "The Nature of Data" analyzes how new digital technologies affect environments and their control"--
Date 2022
Language en
Short Title The nature of data
Library Catalog Panel on Planetary Thinking
Call Number 009 MK 8900 G624
Place Lincoln
Publisher University of Nebraska Press
ISBN 978-1-4962-1715-8 978-1-4962-3250-2
of Pages 328
Date Added 1/11/2023, 6:59:21 PM
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Tags:

Environmental policy, Technology, Political ecology, Environmental sciences, Environmental aspects, Infrastructure (Economics), COMPUTERS / Data Science / Data Modeling & Design, Data processing, TECHNOLOGY & ENGINEERING / Remote Sensing & Geographic Information Systems, INFRASTRUCTURE

The promise of infrastructure

Type Book

Editor Nikhil Anand

Editor Akhil Gupta

Editor Hannah Appel

Date 2018

Language en

Library Catalog Panel on Planetary Thinking

Call Number 009 MF 9900 A533

Place Durham

Publisher Duke University Press

ISBN 978-1-4780-0203-1

Series A School for Advanced Research Advanced Seminar

of Pages 256

Date Added 1/11/2023, 6:52:38 PM

Modified 1/18/2023, 3:38:58 PM

Tags:

Technology, Social aspects, Political aspects, Economic development, Ethnology, Infrastructure (Economics), Technological complexity, INFRASTRUCTURE

Notes:

Infrastructural time / Hannah Appel -- The future in ruins : thoughts on the temporality of infrastructure / Akhil Gupta -- Infrastructures in and out of time : the promise of roads in contemporary Peru / Penny Harvey -- The current never stops : intimacies of energy infrastructure in Vietnam / Christina Schwenkel -- Infrastructure, apartheid technopolitics, and temporalities of "transition" / Antina von Schnitzler -- A public matter : water, hydraulics, biopolitics / Nikhil Anand -- Promising forms : the political aesthetics of infrastructure / Brian Larkin -- Sustainable knowledge infrastructures / Geoffrey C. Bowker -- Infrastructure, potential energy, revolution / Dominic Boyer

The world as an architectural project

Type Book

Author Hashim Sarkis

Author Roi Salgueiro Barrio

Author Gabriel Kozlowski

Abstract "The world's growing vulnerability to large scale risks is prompting action at the global scale. This book proposes that architects have played an under recognized but important role in imagining the future of the planet through world-scale projects, while examining the institutional and political scenarios that would make this possible. In so doing, they've reflected on the planetary repercussions wrought of diverse political, social, technological and environmental currents. Rather than indulging in the cliché of the megalomaniac architect, this book aims to presents a discipline reflecting on its own responsibilities, in which geographic and holistic considerations inform ethical and aesthetical positions. From Le Corbusier to Buckminster Fuller from Zaha Hadid to Super Studio and Design Earth, it provides a historical reference of 50 speculative projects from 1882 to the present. The book is the first compilation of its kind, as well as a critical reflection on the world as an architectural project. Curiously, architects have undertaken the world as a project before the advent of contemporary globalization and its associated risks. Their 'ecumenal' aspirations date back to the 19th century. While these visions may not resemble what globalization has produced in terms of physical environment, some tend to be anticipatorily critical of the inequalities it would eventually generate, and of the morass that urbanization would bring about. Some others caution against mistaking imagining the world as a totality for controlling it as such, while they stress the need for an architectural vocabulary to make it legible. The book shows how the world has been a rich domain for the modern architectural imaginary. It is also an invitation to reclaim the scale and challenges of the world, the whole world, as a vital architectural project"--

Date 2019

Language en

Library Catalog Panel on Planetary Thinking

Call Number 009 ZH 3100 S245

Place Cambridge, Massachusetts

Publisher The MIT Press

ISBN 978-0-262-04396-0

of Pages 560

Date Added 1/11/2023, 7:16:58 PM

Modified 1/18/2023, 3:39:01 PM

Tags:

Unbuilt architectural projects, Visionary architecture, INFRASTRUCTURE

Notes:

Architecture and the world scale -- The world according to architecture -- Five wishes for the next fifty worlds

Type Book
Date 2022
Language en
Library Catalog Panel on Planetary Thinking
Call Number 009 MK 2000 D357
Place Amsterdam
Publisher Idea Books/ArtEZ Press
ISBN 978-94-91444-69-2
of Pages 356
Date Added 1/11/2023, 6:56:19 PM
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Tags:

INFRASTRUCTURE

Weltgebäude: Poetologien kosmologischen Wissens der Aufklärung

Type Book
Author Reto Rössler
Abstract Das 'Weltgebäude' steht im Kreuzungspunkt von Wissens-, Form- und Gattungsdiskursen der Aufklärung.0Dieses Buch behandelt die Faszinationsgeschichte eines wissenschaftlichen (gleichwohl imaginären) Objekts im Zeitalter der Aufklärung: das des 'Weltgebäudes'. Seit dem frühen 18. Jahrhundert erwächst aus unterschiedlichen Wissenskontexten der Versuch einer nach-kopernikanischen Überbietung: Astronomen, Epistemologen und Naturhistoriker, aber auch Poetologen und Dichter heben nun an, die kosmische 'Vielheit der Welten' als wohlgeordneten 'Bau' zusammenhängender und hierarchisierter Teilsysteme darzustellen und zu enthüllen.0Reto Rössler untersucht die Formation, Destabilisierung und Auflösung dieses kosmologischen Gegenstandes im 18. Jahrhundert aus einer wissenspoetologischen Perspektive. An der Schnittstelle von Literatur- und Wissenschaftsgeschichte rekonstruieren seine Analysen zum einen die vielfältigen kosmologischen Rückgriffe auf rhetorisch-poetische, vermeintlich 'unsichere' und vormals einem nicht-wahrheitsfähigen Wissen zugerechnete Erkenntnismittel; zum anderen weisen sie auf breiter Materialbasis nach, dass Fragen nach der kosmologischen Ordnung bzw. Kontingenz ihrerseits im Zentrum von Gattungspoetiken (u.a. des Lehrgedichts und des Romans) sowie von anthropologischen und subjektphilosophischen Diskursen dieser Zeit standen
Date 2020
Language de
Short Title Weltgebäude
Library Catalog Panel on Planetary Thinking
Call Number 009 EC 2490 R718
Extra OCLC: on1138927857

Place Göttingen
Publisher Wallstein Verlag
ISBN 978-3-8353-3654-4
of Pages 724
Date Added 1/11/2023, 6:48:05 PM
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Tags:

History, History and criticism, 1500-1799, 16e siècle, 18th century, Astronomy in literature, Cosmologie, Cosmology in literature, Criticism, interpretation, etc, Dans la littérature, Early modern, Early modern, 1500-1700, Enlightenment, German literature, Knowledge, Theory of, in literature, Littérature allemande, Philosophy, Modern, Poetics, Rationalism, INFRASTRUCTURE

Notes:

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