
A Research Agenda for Space Policy

Item Type Book

Editor Kai-Uwe Schrogl

Editor Christina Giannopapa

Editor Ntorina Antoni

Abstract Space policy is now a top priority in international relations. This timely Research Agenda takes the definition of space policy itself as an object of analysis rather than as an unquestioned premise. It presents the multi-faceted spectrum of elements combined within space policy which are crucially relevant to security, welfare and modern society. Expert international contributors set out a forward-looking research agenda for the 2020s, identifying key problems and conflicts related to the topic and exploring policy, regulatory approaches and diplomatic mechanisms to reach possible solutions.

Date 2021

Language en

Library Catalog Panel on Planetary Thinking

Call Number 009 US 1000 S382

URL <https://doi.org/10.4337/9781800374744>

Extra OCLC: on1259509689

Place Cheltenham, UK ; Northampton, MA, USA

Publisher Edward Elgar Publishing

ISBN 978-1-80037-473-7

Series Elgar research agendas

of Pages 241

Date Added 1/12/2023, 3:08:33 PM

Modified 8/14/2025, 12:49:40 PM

Tags:

Astronautics and state, INTERPLANETARY, Space Governance

Astrobiology: A Very Short Introduction

Item Type Book

Author David C. Catling

Abstract What fascinates people about astrobiology is that it seeks answers to long-standing unsolved questions: How quickly did life evolve on Earth and why did life persist here? Is there life elsewhere in the Solar System or beyond? *Astrobiology: A Very Short Introduction* explores some of the big unanswered questions about the universe, considers the origins of life on Earth and its evolution, and brings together the ideas of microbiologists, astronomers, planetary scientists, and geologists. It introduces the origins of astrobiology and demonstrates its impact on current astronomical research

and potential future discoveries.

Date 2013
Language eng
Short Title Astrobiology
Library Catalog Panel on Planetary Thinking
Call Number 009 WH 2800 C365
URL <https://doi.org/10.1093/actrade/9780199586455.001.0001>
Place Oxford
Publisher Oxford University Press
ISBN 978-0-19-958645-5
Series Very Short Introductions
Series Number 370
Edition First edition
of Pages 142
Date Added 8/6/2025, 3:53:07 PM
Modified 8/7/2025, 12:59:09 PM

Tags:

Evolution, Environment, Charles Darwin, Astrobiology, Moon, INTERPLANETARY, Water, Carbon Dioxide, Green House Effect, Natural Selection, Oxygen, Plate Tectonics

Notes:

Includes bibliographical references (pages-131-133) and index

What is astrobiology? From stardust to planets, the abodes for life -- Origins of life and environment -- From slime to the sublime -- Life : a genome's way of making more and fitter genomes -- Life in the solar system -- Far-off worlds, distant suns -- Controversies and prospects

Cosmos

Item Type Book
Author Carl Sagan
Abstract Cosmos is one of the bestselling science books of all time. In clear-eyed prose, Sagan reveals a jewel-like blue world inhabited by a life form that is just beginning to discover its own identity and to venture into the vast ocean of space. Featuring a new Introduction by Sagan's collaborator, Ann Druyan, full color illustrations, and a new Foreword by astrophysicist Neil deGrasse Tyson, Cosmos retraces the fourteen billion years of cosmic evolution that have transformed matter into consciousness, exploring such topics as the origin of life, the human brain, Egyptian hieroglyphics, spacecraft missions, the death of the Sun, the evolution of galaxies, and the forces and individuals who helped to shape modern science.

Date 2013
Language en
Library Catalog Panel on Planetary Thinking
Call Number 009 UB 5260 S129 C834
Extra OCLC: ocn864936766
Place New York
Publisher Ballantine
ISBN 978-0-345-53943-4
Edition Ballantine Books Trade Paperbacks, 2013
of Pages 396
Date Added 1/15/2023, 2:43:54 PM
Modified 8/6/2025, 4:26:05 PM

Tags:

Astronomy, Popular works, INTERPLANETARY

Notes:

Originally published: New York : Random House, c1980 "The classic bestseller. With a new foreword by Neil DeGrasse Tyson. Introduction by Ann Druyan." -- Cover

The shores of the cosmic ocean -- One voice in the cosmic feud -- The harmony of worlds -- Heaven and hell -- Blues for a red planet -- Travelers' tales -- The backbone of the night -- Travels in space and time -- The lives of the stars -- The edge of forever -- The persistence of memory -- Encyclopedia Galactica -- Who speaks for Earth?

Cosmos Beuys: Kunst-Weltbild-Documenta

Item Type Book
Author Klaus Siebenhaar
Abstract "Kosmos Beuys" ist eine deutsch-chinesische Einführung in das Werk und Weltbild und zugleich Begleitbuch zur Ausstellung "Joseph Beuys und die documenta", die im September 2021 in Peking eröffnet wurde. In knapper, konzentrierter Form werden die ideengeschichtlichen, weltanschaulichen und künstlerisch-ästhetischen Grundlagen des "Erweiterten Kunstbegriffs" und der damit eingehenden "Theorie der Plastik" dargelegt und eingeordnet. Darüber hinaus werden in einem abschließenden Kapitel die Beuys-Rezeption durch chinesische Studenten schlaglichtartig dokumentiert.
Date 2022
Language de
Short Title Cosmos Beuys
Library Catalog Panel on Planetary Thinking
Call Number 009 LI 16275 S571

Extra OCLC: 1308968307
Place Berlin
Publisher B & S Siebenhaar Verlag
ISBN 978-3-949111-08-2
of Pages 122
Date Added 1/15/2023, 2:02:48 PM
Modified 8/6/2025, 4:35:32 PM

Tags:

Art, World Views, INTERPLANETARY

Cosmos: Possible Worlds

Item Type Book
Author Ann Druyan
Abstract "Cosmos: Possible Worlds travels through more than 14 billion years of cosmic evolution and into an astonishing future where probes travel by light beams to distant stars, helping us solve enduring mysteries of our origins and dream toward an unimaginable time ahead."--
Date 2020
Language en
Short Title Cosmos
Library Catalog Panel on Planetary Thinking
Call Number 009 UB 5260 D797
Place Washington, D.C
Publisher National Geographic
ISBN 978-1-4262-1908-5
of Pages 383
Date Added 1/15/2023, 2:34:12 PM
Modified 8/6/2025, 4:25:50 PM

Tags:

Astronomy, Popular works, Cosmos (Television program : 2014), INTERPLANETARY

Notes:

Companion text to television series of same title

Foreword by Neil deGrasse Tyson -- Prologue -- Ladder to the stars -- Oh, Mighty King -- Lost city of life -- Vavilov -- The cosmic connectome -- The man of a trillion worlds -- The search for intelligent life on earth -- The sacrifice of Cassini -- Magic without lies -- A tale of two atoms -- The fleeting grace of the habitable zone -- Coming of age in the Anthropocene -- A possible world

Der Himmel als transkultureller ethischer Raum: Himmelskonstellationen im Spannungsfeld von Literatur und Wissen

Item Type Book

Editor Harald Lesch

Editor Bernd Oberdorfer

Editor Stephanie Waldow

Abstract Bereits seit der Antike ist der Himmel ein zentraler Raum, der jenseits von festen Orts-, Zeit- und Identitätszuschreibungen das Verhältnis von Individuum und Kosmos und die damit in Zusammenhang stehenden Grundfragen der menschlichen Existenz und deren Wertkonzepte aushandelt. So stellt der ethische Zugang zum Himmel zentrale Fragehorizonte bereit, die in den Kontext der interdisziplinären Forschungsfelder und kulturellen Horizonte eingebettet werden. Neben diesen Fragehorizonten ist aber auch die ästhetische Umsetzung dieser Perspektivierungen von zentraler Bedeutung, denn wissenschaftliche wie religiöse Texte, die sich mit diesen Konzepten auseinandersetzen und den Himmel als Projektionsraum einsetzen, entfalten eine literarisch-rhetorische Kraft. Diese auf ihre ethischen Implikationen hin zu untersuchen, ist ein wichtiges Ziel des Bandes.

Date 2016

Language de eng

Short Title Der Himmel als transkultureller ethischer Raum

Library Catalog Panel on Planetary Thinking

Call Number 009 EC 2420 L625

Extra OCLC: ocn982053226

Place Göttingen

Publisher V&R Unipress

ISBN 978-3-8471-0618-0

Series Internationale Schriften des Jakob-Fugger-Zentrums

Series Number Band 2

of Pages 408

Date Added 1/15/2023, 1:49:38 PM

Modified 8/6/2025, 4:14:33 PM

Tags:

Ethics, Cross-cultural studies, Cosmology, Constellations, INTERPLANETARY

Notes:

15 German, 2 English contributions

Bernd Oberdorfer, Stephanie Waldow -- Bernd Oberdorfer -- Lisanne Teuchert -- Dirk J. Smit -- Johann Ev. Hafner -- Dietmar Mieth -- Freimut Löser -- Christoph Mittmann -- Maximilian Bergengruen -- Monika Schmitz-Emans -- Thomas Steppan -- Cesare Giacobazzi -- Lars Schneider -- Stephanie Waldow -- Yulia Pasko -- Robert Vosloo -- Aura Heydenreich -- Harald Lesch, Harald Zaun -- Gott im Himmel? Der Himmel als religiöser Imaginationsraum / Der andere Teil der Schöpfung : vom (ethischen) Sinn des Duals von Himmel und Erde in theologischen Schöpfungskonzeptionen seit Karl Barth / "...on earth as it is in heaven"? On political potentials in theological metaphors / Die Himmel : Wege zur Vervielfältigung von Welt im antiken Christentum / Der Himmel in mir : die Interiorisierung des Himmels bei Meister Eckhart : "Was oben war, ist innen" / Meister Eckhart und der Himmel : ein Planetentraktat und die deutschen Predigten / Zur Kosmographie in der japanischen Vormoderne / Himmel und Hölle ökonomisch : Kredit und Bankrott in Adelbert von Chamisso's 'Peter Schlemihl' / Literarische Engel und ihre Funktionen : zur ethischen Dimension von Darstellung und Vermittlung / Der Himmel auf Erden : Byzantinische Kosmologie auf luxuriösen Prachtböden / Die Dialektik von Himmel und Erde zwischen Klassik, Romantik und Realismus am Beispiel von den Wahlverwandtschaften, Heinrich von Ofterdingen und Immensee / Excepté peut-être une constellation : der Himmel im Spätwerk des Stéphane Mallarmé / Denkraum der Besonnenheit : zum Verhältnis von narrativer Ethik und Neuer Physik bei Carl Einstein / "Weg der Dichter : Weg der Kometen" : einige Beobachtungen zu Himmel- und Sternmotiven in der Dichtung von Marina Zwetajewa und Boris Pasternak / Coping with the end? A look at Lars von Trier's Melancholia / Vom astronomischen Weltmodell zum literarischen Weltbild : Johannes Keplers "Somnium" zwischen faktualer Kosmographie und fiktionaler Selenographie : mit einem Kommentar zu Durs Grünbein "Cyrano oder die Rückkehr vom Mond" / Homo Spaciens = Science-fiction? die Evolution des Science-Fiction-Genres und der Traum vom Homo spaciens

Die Raumfahrt der Gesellschaft: Wirtschaft und Kultur im New Space Age

Item Type Book

Editor Dierk Spreen

Editor Bernd Flessner

Abstract Alle Menschen sind Astronaut*innen – nachzulesen nicht nur bei Buckminster Fuller, sondern auch bei Michel Serres. Aber was bedeutet es, die Raumfahrt als gesellschaftliches Projekt zu reflektieren? Dieser Frage gehen die Beiträger*innen des Bandes im Hinblick auf die zwei wichtigen Dimensionen Wirtschaft und Kultur nach, die in Verbindung miteinander betrachtet werden. Die Analysen verdeutlichen, wie sich das technische Großprojekt der Raumfahrt in die Gesellschaft eingeschrieben hat, und lassen schlussfolgern, dass die Raumfahrt kein reines Elitenprojekt bleiben kann.

Date 2022

Language de

Short Title Die Raumfahrt der Gesellschaft

Library Catalog Panel on Planetary Thinking

Call Number 009 MS 4850 S768 R246

Place Bielefeld

Publisher Transcript

ISBN 978-3-8376-5762-3
Series Kulturen der Gesellschaft
Series Number Band 50
of Pages 310
Date Added 1/15/2023, 2:11:01 PM
Modified 8/6/2025, 4:23:09 PM

Tags:

Cultural Studies, Outer Space, Space Travel, Sociology of Culture, INTERPLANETARY

Earthrise: How Man First Saw the Earth

Item Type Book
Author Robert Poole
Abstract 'Earthrise' tells the remarkable story of the first photographs of Earth from space and the totally unexpected impact of those images
Date 2010
Language en
Short Title Earthrise
Library Catalog Panel on Planetary Thinking
Call Number 009 UB 5260 P822
Extra OCLC: 449855250
Place New Haven, Conn.
Publisher Yale University Press
ISBN 978-0-300-16403-9
of Pages 236
Date Added 1/15/2023, 2:39:06 PM
Modified 1/29/2025, 5:24:09 PM

Tags:

Earth, (INTER)PLANETARY, History of Technology, Outer Space, History of Earth

Einführung in die außerirdische Literatur: Lesen und Schreiben im All

Item Type Book
Author Philipp Theisohn
Abstract Vom angeblich irdischen Bildungsroman über die Logbücher der Raumkreuzer bis hin zur galaktischen Enzyklopädie: Außerirdische Literatur ist eine vielgestaltige, vor allem aber invasive Spezies. Sie erzählt nicht nur vom All. Sie kommt aus dem All. Wer sie wirklich verstehen will, darf folglich keine Motiv- oder Wissensgeschichte

erwarten, sondern muss sich auf einen nicht ungefährlichen Trip durch die dunklen Seitengassen und Hinterhöfe der Gutenberg-Galaxis gefasst machen. Unterwegs wird sich zeigen: Von Kepler bis Captain Future bildet die terrestrische Vorstellung vom Weltraum selbst noch in ihrer unverhohlenen Projektion kolonialistischer Fantasien ein Durchgangstor, das dem Weltall und seinen Bewohnern, allem Nicht-Menschlichen und Nicht-Terrestrischen, gleichermaßen offensteht. Die radikalste Interpretation des außerirdischen Kontakts ist daher keinesfalls die vielzitierte Invasion aus dem All, sondern die Entdeckung, dass der Menschheitserzählung erst von außen, erst von anderen Planeten her ihre eigentliche Bedeutung zukommt.

Date 2022
Language de
Short Title Einführung in die außerirdische Literatur
Library Catalog Panel on Planetary Thinking
Call Number 009 EC 5410 T377
Place Berlin
Publisher Matthes & Seitz Berlin
ISBN 978-3-7518-0383-0
Edition Erste Auflage
of Pages 495
Date Added 1/15/2023, 1:52:31 PM
Modified 8/6/2025, 4:15:36 PM

Tags:

Literature, Literary Studies, INTERPLANETARY

Notes:

Literaturverzeichnis: Seite 454-475

Attachments

- Table of Contents PDF

Horizonte: warum wir entdecken

Item Type Book
Author Alexander Gerst
Author Lars Abromeit
Abstract Was bedeutet es, sich ins Unbekannte hinauszuwagen? Welche Gefahren sind dabei zu bedenken, welche Hilfe leistet die Technik? Wie hält man als Team am besten zusammen IBM und was können wir alle daraus für den eigenen Alltag lernen? In diesem einzigartigen GEO-Bildband fasst ESA-Astronaut Alexander Gerst seine Erfahrungen als erster deutscher Kommandant der Raumstation ISS zusammen und

präsentiert gemeinsam mit GEO-Expeditionsreporter Lars Abromeit neue, atemberaubende Fotografien von seiner zweiten Mission. In ihren Gesprächen tauschen die beiden Autoren sich über spannende Forschungsreisen im Weltall und auf der Erde aus, verbinden ihre Erlebnisse mit Beispielen aus der Welt der grossen Entdecker der letzten Jahrhunderte wie Roald Amundsen oder Alexander von Humboldt IBM und blicken voraus auf die nächsten grossen Schritte der Raumfahrt: zum Mond und zum Mars

Date 2021
Language de
Short Title Horizonte
Library Catalog Panel on Planetary Thinking
Call Number 009 NU 7700 G383
Place Hamburg
Publisher Gruner + Jahr GmbH
ISBN 978-3-8310-4107-7
Series GEO
of Pages 216
Date Added 1/15/2023, 2:21:19 PM
Modified 8/6/2025, 5:51:04 PM

Tags:

Photography, Outer Space, Space Travel, INTERPLANETARY

Notes:

Hier auch später erschienene, unveränderte Nachdrucke

Attachments

- Table of Contents PDF

Imagining Outer Space

Item Type Book
Editor Alexander C.T. Geppert
Abstract Imagining Outer Space makes a captivating advance into the cultural history of outer space and extraterrestrial life in the European imagination. How was outer space conceived and communicated? What promises of interplanetary expansion and cosmic colonization propelled the project of human spaceflight to the forefront of twentieth-century modernity? In what way has West-European astroculture been affected by the continuous exploration of outer space? Tracing the thriving interest in spatiality to early attempts at exploring imaginary worlds beyond our own, the book analyzes contact points between science and fiction from a transdisciplinary perspective and

examines sites and situations where utopian images and futuristic technologies contributed to the omnipresence of fantasmatic thought. Bringing together state-of-the-art work in this emerging field of historical research, the volume breaks new ground in the historicization of the Space Age.

Date 2018
Language en
Library Catalog Panel on Planetary Thinking
Call Number 009 NU 2430 G353 -1 (2)
of Volumes 3
Place New York, NY
Publisher Springer Berlin Heidelberg
ISBN 978-1-349-95338-7
Series Outer Space
of Pages 443
Date Added 1/15/2023, 2:13:30 PM
Modified 8/6/2025, 4:23:37 PM

Tags:

History, Literature, Europe, 20th Century, Film, Popular Culture, INTERPLANETARY

India in the Second Space Age of Interplanetary Connectivity

Item Type Book
Author Chaitanya Giri
Abstract This volume discusses the emergence of space exploration as a new pivot of the global space economy in the decade of 2020s. Space exploration and human spaceflight will soon become vital strategic initiatives in the imminent second space age, evolving from scientific pursuits to mega-economic projects. As the scope of international cooperation in space forays into soft science diplomacy, the second space age opens opportunities for India to mount its space program as an ambitious yet conscientious, proficient, and cordial player in the global space economy. This book, -- Explores imminent trends in space exploration and interplanetary connectivity plans, their returns to the global economy of the future, and impact on the global astropolitical order; -- Analyses the techno-economic significance of India's space exploration by reviewing the legal, ethical and philosophical challenges; the limits of global space exploration policies; and the economic lacunae for the astropolitical gains; -- Examines the transformational trio of Chandrayaan, Mangalyaan and Gaganyaan; dawn of the second space age; interplanetary connectivity projects; besides discussing the viability of humans becoming an interplanetary species. Part of The Gateway House Guide to India in the 2020s series, this topical volume will be useful for scholars and researchers of international relations, geopolitics, foreign policy, space policy, South Asian studies, strategic studies, and international trade
Date 2022
Language eng

Library Catalog Panel on Planetary Thinking
Call Number 009 MH 14930 G525
Extra OCLC: 1273731982
Place Abingdon, Oxon
Publisher Routledge
ISBN 978-1-003-15293-4
of Pages 79
Date Added 1/15/2023, 2:05:45 PM
Modified 8/6/2025, 4:22:18 PM

Tags:

Geopolitics, International Relations, International Trade, South Asian Studies, INTERPLANETARY

Into the Extreme: U.S. Environmental Systems and Politics beyond Earth

Item Type Book

Author Valerie Olson

Abstract What if outer space is not outside the human environment but, rather, defines it? This is the unusual starting point of Valerie Olson's *Into the Extreme*, revealing how outer space contributes to making what counts as the scope and scale of today's natural and social environments. With unprecedented access to spaceflight worksites ranging from astronaut training programs to life science labs and architecture studios, Olson examines how U.S. experts work within the solar system as the container of life and as a vast site for new forms of technical and political environmental control. Olson's book shifts our attention from space's political geography to its political ecology, showing how scientists, physicians, and engineers across North America collaborate to build the conceptual and nuts-and-bolts systems that connect Earth to a specifically ecosystemic cosmos. This cosmos is being redefined as a competitive space for potential economic resources, social relations, and political strategies. Showing how contemporary U.S. environmental power is bound up with the production of national technical and scientific access to outer space, *Into the Extreme* brings important new insights to our understanding of modern environmental history and politics. At a time when the boundaries of global ecologies and economies extend far below and above Earth's surface, Olson's new analytic frameworks help us understand how varieties of outlying spaces are known, made, and organized as kinds of environments—whether terrestrial or beyond.

Date 2018

Language en

Short Title Into the Extreme

Library Catalog Panel on Planetary Thinking

Call Number 009 MG 70915 O52

Place Minneapolis

Publisher University of Minnesota Press

ISBN 978-1-5179-0254-4 978-1-5179-0255-1
of Pages 290
Date Added 1/15/2023, 2:03:58 PM
Modified 8/6/2025, 4:21:48 PM

Tags:

Political aspects, Space environment, Architecture, Postmodern, Extraterrestrial bases,
INTERPLANETARY

Life in the Cosmos: From Biosignatures to Technosignatures

Item Type Book

Author Manasvi Lingam

Author Abraham Loeb

Abstract "Are we alone in the universe? It is a captivating question, but one that historically eluded proper scientific investigation. The new discipline of astrobiology changes the game, introducing rigor to the quest for extraterrestrial life. Life in the Cosmos surveys the field, showing how cutting-edge research is closing in on the answers "out there.""--

Date 2021

Language en

Short Title Life in the Cosmos

Library Catalog Panel on Planetary Thinking

Call Number 009 UB 5260 L755

Place Cambridge, Massachusetts

Publisher Harvard University Press

ISBN 978-0-674-98757-9

of Pages 1061

Date Added 1/15/2023, 2:38:14 PM

Modified 8/8/2025, 6:34:01 PM

Tags:

Life, Origin, Habitable planets, Life on other planets, Exobiology, INTERPLANETARY

Notes:

Some intrinsic properties of life -- Part 1. The origin and evolution of life on Earth: The pathways to the origin of life on Earth -- The evolutionary history of life on Earth -- Part 2. Aspects of extraterrestrial biospheres: Habitability: stellar factors -- Habitability: planetary factors -- The quest for biosignatures -- Life in subsurface oceans -- Part 3. Aspects of extraterrestrial technospheres: The Drake equation and Fermi's Paradox -- The quest for technosignatures -- The propagation of life in the universe -- Epilogue: Sic itur ad astra

Light of the Stars: Alien Worlds and the Fate of the Earth

Item Type Book

Author Adam Frank

Abstract Light of the Stars tells the story of humanity's coming of age as we awaken to the possibilities of life on other worlds and their sudden relevance to our fate on Earth. Astrophysicist Adam Frank traces the question of alien life and intelligence from the ancient Greeks to the leading thinkers of our own time, and shows how we as a civilization can only hope to survive climate change if we recognize what science has recently discovered: that we are just one of ten billion trillion planets in the Universe, and it's highly likely that many of those planets hosted technologically advanced alien civilizations. What's more, each of those civilizations must have faced the same challenge of civilization-driven climate change. Written with great clarity and conviction, Light of the Stars builds on the inspiring work of pioneering scientists such as Frank Drake and Carl Sagan, whose work at the dawn of the space age began building the new science of astrobiology; Jack James, the Texas-born engineer who drove NASA's first planetary missions to success; Vladimir Vernadsky, the Russian geochemist who first envisioned the Earth's biosphere; and James Lovelock and Lynn Margulis, who invented Gaia theory. Frank recounts the perilous journey NASA undertook across millions of miles of deep space to get its probes to Venus and Mars, yielding our first view of the cosmic laws of planets and climate that changed our understanding of our place in the universe. Thrilling science at the grandest of scales, Light of the Stars explores what may be the largest question of all: What can the likely presence of life on other worlds tell us about our own fate?

Date 2018

Language en

Short Title Light of the Stars

Library Catalog Panel on Planetary Thinking

Call Number 009 UB 5260 F828

Place New York

Publisher W.W. Norton & Company, Inc

ISBN 978-0-393-60901-1

Edition First edition

of Pages 262

Date Added 1/15/2023, 2:35:16 PM

Modified 8/8/2025, 6:28:31 PM

Tags:

Human ecology, Earth (Planet), Cosmology, Popular works, Exobiology, INTERPLANETARY

Notes:

Introduction : The project and the planet -- The alien equation -- What the robot ambassadors say -- The masks of Earth -- Worlds beyond measure -- The final factor -- The awakened worlds

Limiting Outer Space: Astroculture after Apollo

Item Type Book

Editor Alexander C. T. Geppert

Abstract Propels the historicization of outer space by focusing on the Post-Apollo period. After the Apollo moon landings, disillusionment set in. With the return of the last astronaut in 1972, the skies - rather than the distant stars - once again became the limit. No longer considered the inevitable destination of human expansion, outer space lost much of the popular appeal, cultural significance and political urgency that it had gained since the end of the Second World War. With the rapid waning of the worldwide Apollo frenzy, the optimism of the Space Age gave way to an era of planetized limits. Bringing together the history of European astroculture and American-Soviet spaceflight with recent scholarship on the 1970s, the thirteen chapters in this cutting-edge volume examine the reconfiguration of space imaginaries from a multiplicity of disciplinary perspectives. Rather than invoking oft-repeated narratives of Cold War rivalry and an escalating Space Race between East and West, Limiting Outer Space breaks new ground by exploring a hitherto underrated and understudied decade, the Post-Apollo period

Date 2018

Language eng

Short Title Limiting Outer Space

Library Catalog Panel on Planetary Thinking

Call Number 009 NU 2430 G353 -2 (2)

Extra OCLC: 1041630688

Volume 2

of Volumes 3

Place London, United Kingdom

Publisher Palgrave MacMillan

ISBN 978-1-137-36915-4

Series Outer Space

of Pages 367

Date Added 1/15/2023, 2:16:55 PM

Modified 8/6/2025, 4:23:54 PM

Tags:

History of Technology, Outer Space, Space Travel, INTERPLANETARY

Meteorite

Item Type Book

Author Maria Golia

Abstract Meteorites are among the rarest objects on Earth, yet they have left a pervasive mark on our planet and civilization. Arriving amidst thunderous blasts and flame-streaked skies, meteorites were once thought to be messengers from the gods, embodiments of the divine. Prized for their outlandish qualities, meteorites are a collectible, a commodity, objects of art and artists' desires and a literary muse. 'Meteorite hunting' is an adventurous, lucrative profession for some, and an addictive hobby for thousands of others. Meteorite: Nature and Culture is a unique, richly illustrated cultural history of these ancient and mysterious phenomena. Taking in a wide range of sources Maria Golia pays homage to the scientists, scholars and aficionados who have scoured the skies and combed the Earth's most unforgiving reaches for meteorites, contributing to a body of work that situates our planet and ourselves within the vastness of the Universe

Date 2015

Language en

Library Catalog Panel on Planetary Thinking

Call Number 009 EC 5410 G626

Extra OCLC: ocn905524476

Place London

Publisher Reaktion Books

ISBN 978-1-78023-497-7

Series Earth series

of Pages 208

Date Added 1/15/2023, 1:51:07 PM

Modified 8/6/2025, 4:15:18 PM

Tags:

History, Meteorites, INTERPLANETARY

Notes:

Introduction -- Alpha and omega -- Fallen gods -- To have and to hold -- All things said and done -- Strange landings

Militarizing Outer Space: Astroculture, Dystopia and the Cold War

Item Type Book

Editor Alexander C. T. Geppert

Editor Daniel Brandau

Editor Tilmann Siebeneichner

Abstract Militarizing Outer Space explores the dystopian and destructive dimensions of the Space Age and challenges conventional narratives of a bipolar Cold War rivalry. Concentrating on weapons, warfare and violence, this provocative volume examines real and imagined endeavors of arming the skies and conquering the heavens. The third and final volume in the groundbreaking European Astroculture trilogy, Militarizing Outer Space zooms in on the interplay between security, technopolitics and knowledge from the 1920s through the 1980s. Often hailed as the site of heavenly utopias and otherworldly salvation, outer space transformed from a promised sanctuary to a present threat, where the battles of the future were to be waged. Astroculture proved instrumental in fathoming forms and functions of warfare's futures past, both on earth and in space. The allure of dominating outer space, the book shows, was neither limited to the early twenty-first century nor to current American space force rhetorics

Date 2021

Language en

Short Title Militarizing Outer Space

Library Catalog Panel on Planetary Thinking

Call Number 009 NU 2430 G353 -3

Extra DOI: 10.1057/978-1-349-95851-1 Meeting Name: Embattled heavens: the militarization of space in science, fiction, and politics

of Volumes 3

Place London

Publisher Palgrave Macmillan

ISBN 978-1-349-95850-4

Series Outer Space/ Palgrave studies in the history of science and technology

of Pages 443

Date Added 1/15/2023, 2:18:57 PM

Modified 8/6/2025, 4:24:23 PM

Tags:

History, Interplanetary voyages, History of Technology, Outer Space, Military Studies, INTERPLANETARY

Notes:

Konferenzdaten den "Acknowledgments" (s. Seite xi) entnommen und Datum im Internet ermittelt
Includes bibliography (pages: 379-407) and index

Attachments

- Table of Contents PDF
-

Mission Earth: Geodynamics and Climate Change Observed through Satellite Geodesy

Item Type Book

Author Detlef Angermann

Author Roland Pail

Author Florian Seitz

Author Urs Hugentobler

Abstract How does your cell phone know where you are right now? How is our planet changing due to geodynamic processes and ongoing climate change? How can these changes be precisely measured from space in order to obtain reliable information about the melting of ice sheets or the threat to coastal regions from rising sea levels? This popular science book provides answers to these and many other socially relevant questions. It is aimed at interested nonprofessionals who want to learn more about our fascinating planet, but also at experts in natural sciences. You are taken on an exciting journey through time from the first surveys in ancient times to the satellite era, which is providing us with a global view of our home planet. Illustrative examples demonstrate how deeply global positioning and navigation with satellites pervade our daily life, and what fundamental contributions geodesy makes to understanding the Earth system and determining the effects of climate change.

Date 2022

Language en

Short Title Mission Earth

Library Catalog Panel on Planetary Thinking

Call Number 009 RB 10232 A587

Place Berlin [Heidelberg]

Publisher Springer

ISBN 978-3-662-64105-7

of Pages 246

Date Added 1/15/2023, 2:24:29 PM

Modified 8/6/2025, 4:25:13 PM

Tags:

History of Science, Geodesy, Navigation Systems, INTERPLANETARY

Attachments

- Table of Contents PDF

Pale Blue Dot: A Vision of the Human Future in Space

Item Type Book

Author Carl Sagan

Abstract In *Cosmos*, the late astronomer Carl Sagan cast his gaze over the magnificent mystery of the Universe and made it accessible to millions of people around the world. Now in this stunning sequel, Carl Sagan completes his revolutionary journey through space and time. Future generations will look back on our epoch as the time when the human race finally broke into a radically new frontier-space. In *Pale Blue Dot*, Sagan traces the spellbinding history of our launch into the cosmos and assesses the future that looms before us as we move out into our own solar system and on to distant galaxies beyond. The exploration and eventual settlement of other worlds is neither a fantasy nor luxury, insists Sagan, but rather a necessary condition for the survival of the human race.

Date 1997

Language en

Short Title Pale Blue Dot

Library Catalog Panel on Planetary Thinking

Call Number 009 UB 5260 S129

Place New York

Publisher Ballantine Books

ISBN 978-0-345-37659-6

Edition First Ballantine Books edition

of Pages 360

Date Added 1/15/2023, 2:41:59 PM

Modified 8/8/2025, 5:30:06 PM

Tags:

Popular Science, Astronomy, Earth, INTERPLANETARY

Placing Outer Space: An Earthly Ethnography of Other Worlds

Item Type Book

Author Lisa Messeri

Abstract In *Placing Outer Space* Lisa Messeri traces how the place-making practices of planetary scientists transform the void of space into a cosmos filled with worlds that can be known and explored. Making planets into places is central to the daily practices and professional identities of the astronomers, geologists, and computer scientists Messeri studies. She takes readers to the Mars Desert Research Station and a NASA research center to discuss ways scientists experience and map Mars. At a Chilean observatory and in MIT's labs she describes how they discover exoplanets and envision what it would be like to inhabit them. Today's planetary science reveals the universe as densely inhabited by evocative worlds, which in turn tells us more about Earth, ourselves, and our place in the universe.

Date 2016

Language en

Short Title Placing Outer Space

Library Catalog Panel on Planetary Thinking
Call Number 009 LC 50000 M584
Place Durham
Publisher Duke University Press
ISBN 978-0-8223-6187-9 978-0-8223-6203-6
Series Experimental futures : technological lives, scientific arts, anthropological voices
of Pages 238
Date Added 1/15/2023, 1:57:39 PM
Modified 8/6/2025, 4:18:49 PM

Tags:

Extrasolar planets, Ethnology, Planets, INTERPLANETARY

Notes:

Introduction from outer space to outer place -- Narrating Mars in Utah's desert -- Mapping Mars in Silicon Valley -- Visualizing alien worlds -- Inhabiting other Earths -- Conclusion : navigating the infinite cosmos

Planetary Echoes: Exploring the Implications of Human Settlement in Outer Space

Item Type Book
Editor Lukas Feireiss
Editor Michael Najjar
Abstract We now have the technology to reach nearby planets. Even though many long-term technical issues still need to be solved to create the conditions for a permanent, self-sustaining human presence on another planet, imagining humans as a multi-planetary species is no longer mere fantasy. Against this backdrop, the publication Planetary Echoes focuses on our imagination of life on other planets in the arts, literature, and sciences at the beginning of the 21st century, attempting to integrate the discourse into the very fabric of society today and connect artistic research and the abstract theoretical sciences on an international level.
Date 2018
Language en
Short Title Planetary Echoes
Library Catalog Panel on Planetary Thinking
Call Number 009 LH 61100 F299
Place Leipzig
Publisher Spector Books
ISBN 978-3-95905-191-0
Edition First edition
of Pages 228

Date Added 1/15/2023, 2:00:43 PM

Modified 8/6/2025, 4:20:17 PM

Tags:

Science, Art, Literature, Outer Space, INTERPLANETARY

Attachments

- Table of Contents PDF

Planets: A Very Short Introduction

Item Type Book

Author David A. Rothery

Abstract Planets: A Very Short Introduction demonstrates the excitement, uncertainties, and challenges faced by planetary scientists, and provides an overview of our Solar System and its origins, nature, and evolution. Terrestrial planets, giant planets, dwarf planets and various other objects such as satellites (moons), asteroids, trans-Neptunian objects, and exoplanets are discussed. Our knowledge about planets has advanced over the centuries, and has expanded at a rapidly growing rate in recent years. Controversial issues are outlined, such as What qualifies as a planet? What conditions are required for a planetary body to be potentially inhabited by life? Why does Pluto no longer have planet status? And Is there life on other planets?

Date 2010

Language en

Short Title Planets

Library Catalog Panel on Planetary Thinking

Call Number 009 RB 10106 R846

Extra OCLC: ocn646393921

Place Oxford ; New York

Publisher Oxford University Press

ISBN 978-0-19-957350-9

Series Very Short Introductions

Series Number 254

of Pages 135

Date Added 1/15/2023, 2:22:44 PM

Modified 8/6/2025, 4:24:56 PM

Tags:

Geology, Planets, Astrophysics, Planetary Systems, INTERPLANETARY

Routledge Handbook Of Space Law

Item Type Book

Editor Ram S. Jakhu

Editor Paul Stephen Dempsey

Abstract The global space economy reached \$330 billion in 2015, with a growth rate of 9 per cent vis-à-vis the previous year. Consequently, Space Law is changing and expanding expeditiously, especially at the national level. More laws and regulations are being adopted by space-faring nations, while more countries are adapting their Space Laws and regulations related to activities in outer space. More regulatory bodies are being created, while more regulatory diversity (from public law to private law) is being instituted as increasing and innovative activities are undertaken by private entities which employ new technologies and business initiatives. At the international level, Space Law (both hard law and soft law) is expanding in certain areas, especially in satellite broadcasting and telecommunications. The Routledge Handbook of Space Law summarises the existing state of knowledge on a comprehensive range of topics and aspires to set the future international research agenda by indicating gaps and inconsistencies in the existing law and highlighting emerging legal issues. Unlike other books on the subject, it addresses major international and national legal aspects of particular space activities and issues, rather than providing commentary on or explanations about a particular Space Law treaty or national regulation.

Date 2016

Language en

Library Catalog Panel on Planetary Thinking

Call Number 009 PR 2206 J25

Extra OCLC: 1130657867

Publisher Routledge

ISBN 978-0-367-87045-4

of Pages 388

Date Added 1/12/2023, 2:29:13 PM

Modified 8/13/2025, 2:53:41 PM

Tags:

Space Law, INTERPLANETARY, Space Governance

Sad Planets

Item Type Book

Author Dominic Pettman

Author Eugene Thacker

Abstract "Everything is sad," wrote the Ancient poets. But is this sadness merely a human experience, projected onto the world, or is there a gloom attributable to the world itself? Could the universe be forever weeping the "tears of things"? In this series of

meditations, Dominic Pettman and Eugene Thacker explore some of the key "negative affects" - both eternal and emergent - associated with climate change, environmental destruction, and cosmic solitude. In so doing they unearth something so obvious that it has gone largely unnoticed: the question of how we should feel about climate change. Between the information gathered by planetary sensors and the simple act of breathing the air, new unsettling moods are produced for which we currently lack an adequate language. Should we feel grief over the loss of our planet? Or is the strange feeling of witnessing mass extinction an indicator that the planet was never "ours" to begin with? Sad Planets explores this relationship between our all-too-human melancholia and a more impersonal sorrow, nestled in the heart of the cosmic elements. Spanning a wide range of topics - from the history of cosmology to the "existential threat" of climate change - this book is a reckoning with the limits of human existence and comprehension. As Pettman and Thacker observe, never before have we known so much about the planet and the cosmos, and yet never before have we felt so estranged from that same planet, to say nothing of the stars beyond.

Date 2024

Language eng

Library Catalog Panel on Planetary Thinking

Call Number 000 AR 14500 P511

Place Hoboken, New Jersey

Publisher Wiley John + Sons

ISBN 978-1-5095-6236-7 978-1-5095-6235-0

of Pages 474

Date Added 12/10/2024, 4:07:32 PM

Modified 3/24/2025, 4:13:46 PM

Tags:

PLANETARY, Environmentalism, Pollution, Climate Change, Psychology, Cosmology

Attachments

- Table of Contents PDF

Space Age Indians: Their Encounters with the Blue Men, Reptilians, and Other Star People

Item Type Book

Author Ardy Sixkiller Clarke

Abstract Space age indians presents the encounters of American Indians who lived from the time when the first human astronauts ventured into space to the present day - a time known as the Space Age. Almost all the experiencers interviewed by the author have used computers, social media, and the internet, at least to some extent. While their stories differed significantly from those not exposed to all the media information about UFOs and aliens, it did not appear to influence their experience. Their amazing and

sometimes bizarre stories represent just a fraction of the more than four thousand accounts the author has collected over the years of interviewing American Indians around the country about their encounters with the Star People

Date 2019
Language en
Short Title Space Age Indians
Library Catalog Panel on Planetary Thinking
Call Number 009 LC 50600 C597
Place San Antonio, TX
Publisher Anomalist Books
ISBN 978-1-949501-00-1
of Pages 329
Date Added 1/15/2023, 1:59:47 PM
Modified 8/6/2025, 4:19:12 PM

Tags:

Folklore, Human-alien encounters, Indians of North America, Space, Unidentified flying objects, INTERPLANETARY

Space Civilization: An Inquiry into the Social Questions for Humans Living in Space

Item Type Book
Author James Gilley
Abstract As humanity begins to move in earnest towards becoming a multiplanetary civilization, the social science questions of what will be required of that civilization begin to emerge. This work seeks to highlight these questions and to provide some answers about the economic, political, and social predicaments of space civilization.
Date 2020
Language en
Short Title Space Civilization
Library Catalog Panel on Planetary Thinking
Call Number 009 MS 4850 G479
Extra OCLC: on1182864461
Place Lanham
Publisher Lexington Books
ISBN 978-1-4985-9212-3
of Pages 153
Date Added 1/15/2023, 2:07:28 PM
Modified 8/6/2025, 4:22:47 PM

Tags:

Social aspects, Political aspects, Space law, Economic aspects, Psychology, Psychophysiology, Aspect politique, Aspect social, Interplanetary voyages, Aspect économique, Aspect psychologique, Astronautes, Astronauts, Colonies spatiales, Psychological aspects, Psychologie, Psychophysiology, space colonies, Space colonies, Voyages interplanétaires, INTERPLANETARY

Notes:

Framing a research agenda -- Technical and biological questions -- Legal problems of settling space -- Economics of Mars and outer space -- Psychological questions -- Sociological problems -- Politics and a new world -- Astropolitics

The Disordered Cosmos: A Journey into Dark Matter, Spacetime, and Dreams Deferred

Item Type Book
Author Chanda Prescod-Weinstein
Abstract From a star theoretical physicist, a journey into the world of particle physics and the cosmos--and a call for a more just practice of science
Date 2022
Language en
Short Title The Disordered Cosmos
Library Catalog Panel on Planetary Thinking
Call Number 009 US 1000 P928
Extra OCLC: 1267751574
Place New York
Publisher Bold Type Books
ISBN 978-1-5417-2468-6
Edition First trade paperback edition
of Pages 332
Date Added 1/15/2023, 2:52:14 PM
Modified 8/6/2025, 4:57:56 PM

Tags:

Popular Science, Astrophysics, INTERPLANETARY

The Human Cosmos: Civilization and the Stars

Item Type Book

Author Jo Marchant

Abstract A historically unprecedented disconnect between humanity and the heavens has opened. Jo Marchant's book can begin to heal it. For at least 20,000 years, we have led not just an earthly existence but a cosmic one. Celestial cycles drove every aspect of our daily lives. Our innate relationship with the stars shaped who we are--our art, religious beliefs, social status, scientific advances, and even our biology. But over the last few centuries we have separated ourselves from the universe that surrounds us. It's a disconnect with a dire cost. Our relationship to the stars and planets has moved from one of awe, wonder and superstition to one where technology is king--the cosmos is now explored through data on our screens, not by the naked eye observing the natural world. Indeed, in most countries, modern light pollution obscures much of the night sky from view. Jo Marchant's spellbinding parade of the ways different cultures celebrated the majesty and mysteries of the night sky is a journey to the most awe-inspiring view you can ever see: looking up on a clear dark night. That experience and the thoughts it has engendered have radically shaped human civilization across millennia. The cosmos is the source of our greatest creativity in art, in science, in life. To show us how, Jo Marchant takes us to the Hall of the Bulls in the caves at Lascaux in France, and to the summer solstice at a 5,000-year-old tomb at Newgrange, Ireland. We discover Chumash cosmology and visit medieval monks grappling with the nature of time and Tahitian sailors navigating by the stars. We discover how light reveals the chemical composition of the sun, and we are with Einstein as he works out that space and time are one and the same. A four-billion-year-old meteor inspires a search for extraterrestrial life. The cosmically liberating, summary revelation is that star-gazing made us human.

Date 2021

Language eng

Short Title The Human Cosmos

Library Catalog Panel on Planetary Thinking

Call Number 009 LC 50000 M315 / 009 LC 50000 M315 H918

Extra OCLC: 1275392442

Place New York

Publisher Dutton, an imprint of Penguin Random House

ISBN 978-0-593-18304-5

Edition First Dutton trade paperback edition

of Pages 386

Date Added 1/15/2023, 1:56:01 PM

Modified 8/6/2025, 4:17:45 PM

Tags:

Popular Science, History of the Cosmos, INTERPLANETARY

The New Earth From Above: 365 Days

Item Type Book

Author Yann Arthus-Bertrand

Abstract Completely revised and updated, "The New Earth from Above: 365 Days" has all-new photographs and text, including twelve essays on conservation and other global environmental issues by noted experts and activists. Yann Arthus-Bertrands powerful aerial photographs reveal the incidental beauty of the Earth and its inhabitants, while the authoritative text explores current issues of sustainable development affecting the world: global warming, poverty, and biodiversity among them. The images offer a breathtaking vision of our diverse planet.

Date 2008

Language en

Short Title The New Earth From Above

Library Catalog Panel on Planetary Thinking

Call Number 009 AP 94100 A791

Place New York

Publisher Abrams

ISBN 978-0-8109-8461-5

of Pages 752

Date Added 1/15/2023, 1:47:01 PM

Modified 8/6/2025, 4:13:57 PM

Tags:

Art, Earth, Photography, INTERPLANETARY

The Next 500 Years: Engineering Life to Reach New Worlds

Item Type Book

Author Christopher E. Mason

Abstract "Driven by a vision of colonizing other planets, Mason reveals unique insights into how the human body is altered during long-duration spaceflight & how genetic engineering can protect cells in space"--

Date 2021

Language en

Short Title The Next 500 Years

Library Catalog Panel on Planetary Thinking

Call Number 009 MS 1280 M398

Place Cambridge, Massachusetts

Publisher The MIT Press

ISBN 978-0-262-04440-0 978-0-262-54384-2

of Pages 280

Date Added 1/15/2023, 4:51:42 PM

Modified 8/8/2025, 5:55:40 PM

Tags:

Astronautics, Astronauts, Genetic engineering, Health and hygiene, Human factors, Space medicine, INTERPLANETARY

The Space Economy: Capitalize on the Greatest Business Opportunity of Our Lifetime

Item Type Book

Author Chad Anderson

Abstract The new Space Age has already begun, but there is still time for you to get in early. In *The Space Economy: Capitalize on the Greatest Business Opportunity of Our Lifetime*, accomplished venture capitalist and Space Capital founder Chad Anderson offers investors, entrepreneurs, and aspiring professionals powerful tools and information for understanding how space-based technologies have, and will continue to, transform enterprise, government, and consumer markets for decades to come. Whether you're seeking entrepreneurial ideas worth exploring, a career worth pursuing, or investments worth making, the burgeoning Space Economy represents a hidden opportunity larger than the nascent internet at the dawn of the Millennium. From global positioning, geospatial intelligence, and satellite communications to commercial human spaceflight and interplanetary transportation, this book explains how and why the space economy is the greatest opportunity of our lifetime.

Date 2023

Language eng

Short Title The Space Economy

Library Catalog Panel on Planetary Thinking

Call Number 009 ZO 8000 A545

Place Hoboken, New Jersey

Publisher John Wiley & Sons, Inc

ISBN 978-1-119-90372-7 978-1-119-90397-0 978-1-119-90398-7

of Pages 256

Date Added 8/6/2025, 6:25:20 PM

Modified 8/6/2025, 6:28:47 PM

Tags:

Economics, INTERPLANETARY, Space Economy, Investment, Geospatial Intelligence, Satellite Communications, Commercial Spaceflights, Interplanetary Voyages

Notes:

Includes bibliographical references and index. - Description based on online resource; title from digital title page (viewed on April 26, 2023)