Space And Place The Perspective Of Experience Yi Fu Tuan

Across the disciplines, the study of space has undergone a profound and sustained transformation. Space, place, mapping, and geographical imaginations have become commonplace topics in a variety of analytical fields in part because globalization has accentuated the significance of location. While this transformation has led to a renaissance in human geography, it also has manifested itself in the humanities and other social sciences. The purpose of this book is not to announce that space is significant, which by now is well known, but to explore how space is analyzed by a variety of disciplines, to compare and contrast these approaches, identify commonalities, and explore how and why differences appear. The volume includes works by 13 scholars from a variety of geographical regions and disciplines. The chapters combine up-to-date literature reviews concerning the role of space in each discipline and several offer original empirical analyses. Some chapters are concerned with Geography while others explore the role of space in contemporary Anthropology, Sociology, Religion, Political Science, Film, and Cultural Studies. The introduction surveys the development of the spatial turn across the fields under consideration. Despite frequent reference to the spatial turn, this is the first volume to explicitly address how theory and practice concerning space, is used in a variety of fields from diverse conceptual perspectives. This book will appeal to everyone conducting conceptual and theoretical research on space, not simply in Geography, but in related fields as well.

The turn of the century has been a moment of rapid urbanization. Much of this urban growth is taking place in the cities of the developing world and much of it in informal settlements. This book presents cutting-edge research from various world regions to demonstrate these trends. The contributions reveal that informal housing is no longer the domain of the urban poor; rather it is a significant zone of transactions for the middle-class and even transnational elites. Indeed, the book presents a rich view of "urban informality" as a system of regulations and norms that governs the use of space and makes possible new forms of social and political power. The book is organized as a “transnational” endeavor. It brings together three regional domains of research—the Middle East, Latin America, and South Asia that are rarely in conversation with one another. It also unsettles the hierarchy of development and underdevelopment by looking at some First World processes of informality through a Third World research lens.

Sport is a geographic phenomenon. The physical and organizational infrastructure of sport occupies a prominent place in our society. This important book takes an explicitly spatial approach to sport, bringing together research in geography, sport studies and related disciplines to articulate a critical approach to ‘sports geography’. Critical Geographies of Sport illustrates this approach by engaging directly with a variety of theoretical traditions as well as the latest research methods. Each chapter showcases the merits of a geographic approach to the study of sport – ranging from football to running, horseracing and professional wrestling. Including cases from Asia, Africa, the Middle East, Europe and the Americas, the book highlights the ways that space and power are produced through sport and its concomitant infrastructures, agencies and networks. Holding these power relations at the center of its analysis, it considers sport as a unique lens onto our understanding of space. Truly global in its perspective, it is fascinating reading for any student or scholar with an interest in sport and politics, sport and society, or human geography.

This book examines privacy in public space from both legal and regulatory perspectives. With on-going technological innovations such as mobile cameras, WiFi tracking, drones and augmented reality, aspects of citizens' lives are increasingly vulnerable to intrusion. The contributions describe contemporary challenges to achieving privacy and anonymity in physical public space, at a time when legal protection remains limited compared to ‘private’ space. To address this problem, the book clearly shows why privacy in public space needs defending. Different ways of conceptualizing and shaping such protection are explored, for example through ‘privacy bubbles’, obfuscation and surveillance transparency, as well as revising the assumptions underlying current privacy laws.

An examination of the relationship between space, place and consumption offers important insights into some of the most powerful forces constructing contemporary societies. Space and place are made and remade through consumption. Yet how do cultures of consumption discover space, and how do they construct place? This book addresses these questions by exploring the implications of conceptualizing consumption as a spatial, increasingly global, yet intensely localized activity. The work develops integrative approaches that articulate the processes involved in the production and consumption of space and place. The result is a varied, engaging, and innovative study of consumption and its role in structuring contemporary capitalist political economies.

This text introduces students of human geography to the fundamental concept of place, marrying everyday uses of the term with the complex theoretical debates that have grown up around it. A short introduction to one of the most fundamental concepts inhuman geography Marries everyday uses of the term "place" with the more complextheoretical debates that have grown up around it. It makes the debates intelligible to students, using familiar stories as a way into more abstract ideas. Excerpts and discusses key papers on place by Doreen Massey and David Harvey Considers empirical examples of ways in which the concept of place has been used in research Teaching and learning aids include an annotated bibliography, lists of key readings and texts, a survey of web resources, suggested pedagogical resources and possible student projects.

As political, economic, and environmental issues increasingly spread across the globe, the science of geography is being rediscovered by scientists, policymakers, and educators alike. Geography has been made a core subject in U.S. schools, and scientists from a variety of disciplines are using analytical tools originally developed by geographers. Rediscovering Geography presents a broad overview of geography's renewed importance in a changing world. Through discussions and highlighted case studies, this book illustrates geography's impact on international trade, environmental change, population growth, information infrastructure, the condition of cities, the spread of AIDS, and much more. The committee examines some of the more significant tools for data collection, storage, analysis, and display, with examples of major contributions made by geographers. Rediscovering Geography provides a blueprint for the future of the discipline, recommending how to strengthen its intellectual and institutional foundation and meet the demand for geographic expertise among professionals and the public.

Space and Place: The Perspective of Experience, Yi Fu Tuan

What does it mean to be religious in the modern world? This is the question posed by well-known human geographer, Yi-Fu Tuan in Religion: From Place to Placelessness. In this, the latest book in his long and distinguished career, Tuan turns to this specific challenge, which has been a unifying current in much of his previous work. To illustrate the modern meaning of religion, Tuan calls on the work of photographer-artist Martha A. Strawn, whose impressive gallery of photographs from around the world concludes the book. Religion, Tuan argues, is a perennial quest for safety, certainty, and spiritual elevation that began oriented in place and particular cultural practices; but, in its highest reaches, religion moves toward universalism and placelessness. Drawing examples from both Christian and Buddhist traditions, Tuan explores, with his characteristic grace, sensitivity, and insight, the ultimate placelessness of religious experience. Tuan’s meditations combine with the elegance of Strawn's photographs to create a book that is both thought-provoking and quietly beautiful.

Views on spatial planning and its role have changed significantly over the past few years and the issues it deals with.
have become increasingly more complex. There are more players involved in the development of a particular area or place than ever before and there is also a greater interest in urban design issues. There are also new ways of conceiving of place, space and society relations. It is therefore necessary that all those involved in the production, consumption and valuing of places and territories develop and (re)learn new ways of analyzing and managing space. This volume provides a platform for such a re-examination. It first discusses how spaces and places are understood and conceptualized, and offers a dialogue between different approaches to the understanding of space, emphasizing the need for a dynamic perspective. The book then goes on to examine the changing governance processes through various case studies, which illustrate a range of innovative spatial planning projects from across Europe and the United States. By bringing together an examination of both space and the process through which the space is created and managed, this volume offers a unique multi-dimensional understanding of spatial planning and suggests new ways of negotiating how society should shape and influence the transformation of places.

Acclaimed cultural geographer Yi-Fu Tuan considers humanity's enduring desire to escape reality— and embrace alternatives such as love, culture, and Disneyland In prehistoric times, our ancestors began building shelters and planting crops in order to escape from nature's harsh realities. Today, we flee urban dangers for the safer, reconfigured world of suburban lawns and parks. According to geographer Yi-Fu Tuan, people have always sought to escape in one way or another, sometimes foolishly, often creatively and ingeniously. Glass-tower cities, suburbs, shopping malls, Disneyland—all are among the most recent monuments in our efforts to escape the constraints and uncertainties of life—ultimately, those imposed by nature. "What cultural product," Tuan asks, "is not escape?" In his new book, the capstone of a celebrated career, Tuan shows that escapism is an inescapable component of human thought and culture. This new book brings together Doreen Massey's key writings on three areas central to a range of disciplines. In addition, the author reflects on the development of these ideas and outlines her current position on these important issues. The book is organized around the three themes of space, place and gender. It traces the development of ideas about the social nature of space and place and the relation of both to issues of gender and debates within feminism. It is debates in these areas which have been crucial in bringing geography to the centre of social sciences thinking in recent years, and this book includes writings that have been fundamental to that process. Beginning with the economy and social structures of production, it develops a wider notion of spatiality as the product of intersecting social relations. In turn this has lead to conceptions of 'place' as essentially open and hybrid, always provisional and contested. These themes intersect with much current thinking about identity within both feminism and cultural studies. Each of the themes is preceded by a section which reflects on the development of ideas and sets out the context of their production. The introduction assesses the current state of play and argues for the close relationship of new thinking on each of these themes. This book will be of interest to students in geography, social theory, women's studies and cultural studies.

In this latest edition of Key Thinkers on Space and Place, editors Phil Hubbard and Rob Kitchin provide us with a fully revised and updated text that highlights the work of over 65 key thinkers on space and place. Unique in its concept, the book is a comprehensive guide to the life and work of some of the key thinkers particularly influential in the current 'spatial turn' in the social sciences. Providing a synoptic overview of different ideas about the role of space and place in contemporary social, cultural, political and economic life, each portrait comprises: Biographical information and theoretical context. An explication of their contribution to spatial thinking. An overview of key advances and controversy. Guidance on further reading. With 14 additional chapters including entries on Saskia Sassen, Tim Ingold, Cindi Katz and John Urry, the book covers ideas ranging from humanism, Marxism, feminism and post-structuralism to queer-theory, post-colonialism, globalization and deconstruction, presenting a thorough look at diverse ways in which space and place has been theorized. An essential text for geographers, this now classic reference text is for all those interested in theories of space and place, whether in geography, sociology, cultural studies, urban studies, planning, anthropology, or women's studies.

The revised and updated second edition of Introduction to Cities explores why cities are such a vital part of the human experience and how they shape our everyday lives. Written in engaging and accessible terms, Introduction to Cities examines the study of cities through two central concepts: that cities are places, where people live, form communities, and establish their own identities, and that they are spaces, such as the inner city and the suburb, that offer a way to configure and shape the material world and natural environment. Introduction to Cities covers the theory of cities from an historical perspective right through to the most recent theoretical developments. The authors offer a balanced account of life in cities and explore both positive and negative themes. In addition, the text takes a global approach, with examples ranging from Berlin and Chicago to Shanghai and Mumbai. The book is extensively illustrated with updated maps, charts, tables, and photographs. This new edition also includes a new section on urban planning as well as new chapters on cities as contested spaces, exploring power and politics in an urban context. It contains; information on the status of poor and marginalized groups and the impact of neoliberal policies; material on gender and sexuality; and presents a greater range of geographies with more attention to European, Latin American, and African cities. Revised and updated, Introduction to Cities provides a complete introduction to the history, evolution, and future of our modern cities. To be human is to experience fear, but what is it exactly that makes us fearful? Landscapes of Fear—written immediately after his classic Space and Place—is renowned geographer Yi-Fu Tuan's influential exploration of the spaces of fear and of how these landscapes shift during our lives and vary throughout history. In a series of linked essays that journey broadly across place, time, and cultures, Tuan examines the diverse manifestations and causes of fear in individuals and societies: he describes the horror created by epidemic disease and supernatural visions of witches and ghosts; violence and fear in the country and the city; fears of drought, flood, famine, and disease; and the ways in which authorities devise landscapes of terror to instill fear and subservience in their own populations. In this groundbreaking work—now with a new
preface by the author—Yi-Fu Tuan reaches back into our prehistory to discover what is universal and what is particular in our inheritance of fear. Tuan emphasizes that human fear is a constant; it causes us to draw what he calls our "circles of safety" and at the same time acts as a foundational impetus behind curiosity, growth, and adventure.

This book studies places and spaces in Western India both as geographical locations and as imagined constructs. It uncovers the rich history of the region from the perspective of places of pilgrimage, commerce, community, expression and indigeneity. The volume examines how spaces are intrinsically connected to the lived experiences of people. It explores how spaces in Western India have been constructed over time and how these are reflected in both historical and contemporary settings — in the art, architecture, political movements and in identity formation. The rich examples explored in this volume include sites of Bhakti and Sufi literature, Maharashtrian-Sikh identity, Mahanubhav pilgrimage, monetary practices of the Peshwas and the internet as an emancipatory space for the Dalit youth in Maharashtra. The chapters in this book establish and affirm the forever evolving cultural topography of Western India. Taking a multidimensional approach, this book widens the scope of academic discussions on the theme of space and place. It will be useful for scholars and researchers of history, cultural studies, geography, the humanities, city studies and sociology. A complete introduction to the history, evolution, and future of the modern city, this book covers a wide range of theory, including the significance of space and place, to provide a balanced account of why cities are an essential part of the global human experience. Covers a wide range of theoretical approaches to the city, from the historical to the cutting edge Emphasizes the important themes of space and place Offers a balanced account of cities and offers extensive coverage including urban inequality, environment and sustainability, and methods for studying the city Takes a global approach, with examples from Berlin and Chicago to Shanghai and Mumbai Includes a range of pedagogical features such as a substantial glossary of key terms, critical thinking questions, suggestions for further reading and a range of innovative textboxes which follow the themes of Exploring Further: Studying the City and Making the City Better Extensively illustrated with maps, charts, tables, and over 80 photographs Accompanied by a comprehensive student companion site featuring a list of relevant journals, a guide to useful web resources, and an annotated documentary film guide, alongside a useful instructor companion site with further examples, case studies, and discussion and essay questions; instructors will find a link to the instructor website on the student website at www.wiley.com/go/cities

Friedmann perceives a global crisis which he traces to the dissolution of territorial relations. This he believes results from penetration of the global system of markets into the remotest corners of the world, undermining tradition cultures and ways of life. The consequence is incipient breakdown, he asserts, and we need to repoliticize space and subordinate the power of capital to the collective will of people organized to work toward common ends. This deliberately provocative collection of essays includes an autobiographical fragment providing contextual information about the author.

For more than fifty years, Yi-Fu Tuan has carried the study of humanistic geography—what John K. Wright early in the twentieth century called geosophy, a blending of geography and philosophy—to new heights, offering with each new book a fresh and often unique intellectual introspection into the human condition. His latest book, Humanist Geography, is a testament of all that he has learned and encountered as a geographer. In returning to and reappraising his previous books, Tuan emphasizes how the study of humanist geography can offer a younger generation of students, scholars, and teachers a path toward self-discovery, personal fulfillment, and even enlightenment. He argues that in the study of place can be found the wonders of the human mind and imagination, especially as understood by the senses, even as we human beings deal with nature's stringencies and our own deep flaws.

By combining new research on leadership and workspaces, Leadership in Spaces and Places argues for a radical reconceptualization of leadership. They argue leadership is not only about leaders themselves, but is also affected by the built environment.

In a volume that represents the culmination of his life's work in considering the relationship between culture and landscape, Tuan argues that "cosmos" and "hearth" are two scales that anchor what it means to be fully and happily human. Hearth is our house and neighborhood, family and kinfolk, habit and custom. Cosmos, by contrast, is the larger reality - world, civilization, and humankind. Tuan addresses the extraordinary revival of interest in the hearth in recent decades, examining both the positive and negative effects of this renewed concern. Among the beneficent outcomes has been a revival of ethnic culture and sense of place. Negative repercussions abound, however, manifested as an upsurge in superstition, excessive pride in ancestry and custom, and a constricted worldview that when taken together can inflame local passions, leading at times to violent conflict - from riots in U.S. cities to wars in the Balkans. In Cosmos and Hearth, Tuan takes the position that we need to embrace both the sublime and the humble, drawing what is valuable from each. Illustrating the importance of both cosmos and hearth with examples from his country of birth, China, and from his home of the past forty years, the United States, Tuan proposes a revised conception of culture, the "cosmopolitan hearth," that has the coziness but not the narrowness and bigotry of the traditional hearth. Tuan encourages not only being thoroughly grounded in one's own culture but also the embracing of curiosity about the world. Optimistic and deeply human, Cosmos and Hearth lays out a path to being "at home in the cosmos."

Questioning the implicit assumptions that we make about space, this text considers conventional notions of social science, as well as demonstrating how a vigorous understanding of space can impact on political consequences. Reflecting the ideas and issues which have found themselves at the forefront of cultural theory and studies, this text addresses itself to the dilemmas and predicaments of the often bewildering experience of modern life, covering such diverse topics as ethnicity, architecture and urban spaces.

In Place/Out of Place was first published in 1996. Minnesota Archive Editions uses digital technology to make long unavailable books once again accessible, and are published unaltered from the original University of Minnesota Press editions. What is the relationship between place and behavior? In this fascinating volume, Tim Cresswell examines this question via "transgressive acts" that are judged as inappropriate not only because they are committed by marginalized groups but also because of where they occur. In Place/Out of Place seeks to illustrate the ways in which the idea of
geographical deviance is used as an ideological tool to maintain an established order. Cresswell looks at graffiti in New York City, the attempts by various “hippie” groups to hold a free festival at Stonehenge during the summer solstices of 1984–86, and the Greenham Common Women’s Peace Camp in Berkshire, England. In each of the cases described, the groups involved were designated as out of place both by the media and by politicians, whose descriptions included an array of images such as dirt, disease, madness, and foreignness. Cresswell argues that space and place are key factors in the definition of deviance and, conversely, that space and place are used to construct notions of order and propriety. In addition, whereas ideological concepts being expressed about what is good, just, and appropriate often are delineated geographically, the transgression of these delineations reveals the normally hidden relationships between place and ideology—in other words, the “out-of-place” serves to highlight and define the “in-place.” By looking at the transgressions of the marginalized, Cresswell argues, we can gain a novel perspective on the “normal” and “taken-for-granted” expectations of everyday life. The book concludes with a consideration of the possibility of a “politics of transgression,” arguing for a link between the challenging of spatial boundaries and the possibility of social transformation. Tim Cresswell is currently lecturer in geography at the University of Wales.

In this imaginative and comprehensive study, Edward Casey, one of the most incisive interpreters of the Continental philosophical tradition, offers a philosophical history of the evolving conceptualizations of place and space in Western thought. Not merely a presentation of the ideas of other philosophers, The Fate of Place is acutely sensitive to silences, absences, and missed opportunities in the complex history of philosophical approaches to space and place. A central theme is the increasing neglect of place in favor of space from the seventh century A.D. onward, amounting to the virtual exclusion of place by the end of the eighteenth century. Casey begins with mythological and religious creation stories and the theories of Plato and Aristotle and then explores the heritage of Neoplatonic, medieval, and Renaissance speculations about space. He presents an impressive history of the birth of modern spatial conceptions in the writings of Newton, Descartes, Leibniz, and Kant and delineates the evolution of twentieth-century phenomenological approaches in the work of Husserl, Merleau-Ponty, Bachelard, and Heidegger. In the book’s final section, Casey explores the postmodern theories of Foucault, Derrida, Tschumi, Deleuze and Guattari, and Irigaray. Drawing upon theories of landscape and performance, this work weaves together existing tourism literature with new scholarship to forge a geographically informed theory of tourism. Such a theory integrates the ways in which places are co-produced, circulated, interpreted, experienced, and performed for and by tourists, tourism boards, and even as everyday spaces. Bringing together theories of ritual, Peircean semiotics, ideology, and performance, the authors blend the often separate literatures of tourism sites and touristic practices. Whereas most tourism texts focus on a part of the ‘tourism equation’—the tourism site, or the tourist experience—a geographic theory of tourism brings these constituent parts together in thinking about notions of place. Place processes are central to geography as well as tourism studies because tourism facilitates encounters with distinct locations. As this book argues, considering tourism as performative draws disparate areas of tourism theory together to better understand the ways tourism happens in and across places.

This book is the first legal geography book to explicitly engage in method. It complements this by also bringing together different perspectives on the emerging school of legal geography. It explores human–environment interactions and showcases distinct environmental legal geography scholarship. Legal Geography: Perspectives and Methods is an innovative book concerned with a new relational and material way of examining our legal-spatial world. With chapters examining natural resource management, Indigenous knowledge and political ecology scholarship, the text introduces legal geography’s modes of analysis and critique. The book explores topics such as Indigenous environmental rights, the impacts of extractive industries, mediation of climate change, food, animal and plant patents, fossil fuels, mining and coastal environments based on empirical, jurisdictional and methodological insights from Australia, New Zealand and the Asia-Pacific to demonstrate how space and place are invoked in legal processes and contestations, and the methods that may be employed to explore these processes and contestations. This book examines the role of legal geographies in the 21st century beyond the simple “law in action”, and it will thus appeal to students of socio-legal studies, human geography, environmental studies, environmental policy, as well as politics and international relations.

While much of the current research on the extractive industries and their socio-environmental impacts is region specific, Resource Extraction, Space and Resilience: International Perspectives critically explores the current state of the extractive industries sector from a uniquely global perspective. The book introduces a more dynamic idea of sustainability in evaluating mineral extraction and its impacts, and provides a spatialized understanding of the evolution of the extractive industries to help visualise the interlinkages across space, regions and scales. Professor Kotilainen responds to these theoretical challenges by analysing the potential for resilience of mining activities from multiple perspectives across scales, exploring why it is only possible to achieve temporary balance and stability for the whole resource extraction system. Taking a global perspective, the book explores the interlinkages of the industry, investigates the similarities and differences in how the industry operates and examines the social and environmental impacts it has. By providing an explicitly theoretically informed analysis of the state of the extractive industries, this text will appeal to a wide range of scholars with an interdisciplinary interest in the extractive industries and natural resource management, including human geographers and social scientists with a focus on the relations of humans and societies with their physical environments.

Place, Setting, Perspective examines the films of the Italian filmmaker, Nanni Moretti, from a fresh viewpoint, employing the increasingly significant research area of space within a filmic text. The book is conceived with the awareness that space cannot be studied only in aesthetic or narrative terms: social, political, and cultural aspects of narrated spaces are equally important if a thorough appraisal is to be achieved of an oeuvre such as Moretti’s, which is profoundly associated with socio-political commentary and analysis. After an exploration of various existing frameworks of narrative space in
film, the book offers a particular definition of the term based on the notions of Place, Setting, and Perspective. Place relates to the physical aspect of narrative space and specifically involves cityscapes, landscapes, interiors, and exteriors in the real world. Setting concerns genre characteristics of narrative space, notably its differentiated use in melodrama, detective stories, fantasy narratives, and gender based scenarios. Perspective encompasses the point of view taken optically by the camera which supports the standpoint of Moretti’s personal philosophy expressed through the aesthetic aspects which he employs to create narrative space. The study is based on a close textual analysis of Moretti’s eleven major feature films to date, using the formal film language of mise-en-scène, cinematography, editing, and sound. The aim is to show how Moretti selects, organizes, constructs, assembles, and manipulates the many elements of narrative space into an entire work of art, to enable meanings and pleasures for the spectator.

In any edited volume most credit is due to the individual authors. The present case is no exception and we as editors have done little apart from serving as coordinators for a group of friends and colleagues. For once, the responsibilities are shared. We feel that the collection gives a fair representation of the activities at the frontier of human geography in North America. Whether these premonitions will be further substantiated is of course to be seen. In the meantime, we take refuge in Vico's saying that "doctrines must take their beginning from that of the matter of which they treat". And yet we also know that new treatments never lead to final ends, but rather to new doctrines and to new beginnings. It is also a pleasure to acknowledge those publishers and authors who have given permission to reprint copyrighted materials: Association of American Geographers for Leslie J. King's 'Alternatives to a Positive Economic Geography', Annals of the Association of American Geographers, Vol. 66,1976; Edward Arnold (Publishers) Ltd. for Yi-Fu Tuan's 'Space and Place: Humanistic Perspective', in Christopher Board et al. (eds.), Progress in Geography, Vol. 6, 1974; Economic Geography for David Harvey's 'Population, Resources, and the Ideology of Science', Economic Geography, Vol. SO, 1974; Institute of British Geographers for David Ley's 'Social Geography and the Taken-for-Granted World', Transactions of the Institute of British Geographers, Vol. 2, 1977; and North-Holland Publishing Company for Allen J.

The People, Place, and Space Reader brings together the writings of scholars, designers, and activists from a variety of fields to make sense of the makings and meanings of the world we inhabit. They help us to understand the relationships between people and the environment at all scales, and to consider the active roles individuals, groups, and social structures play in creating the environments in which people live, work, and play. These readings highlight the ways in which space and place are produced through large- and small-scale social, political, and economic practices, and offer new ways to think about how people engage the environment in multiple and diverse ways. Providing an essential resource for students of urban studies, geography, sociology and many other areas, this book brings together important but, till now, widely dispersed writings across many inter-related disciplines. Introductions from the editors precede each section; introducing the texts, demonstrating their significance, and outlining the key issues surrounding the topic. A companion website, PeoplePlaceSpace.org, extends the work even further by providing an on-going series of additional reading lists that cover issues ranging from food security to foreclosure, psychiatric spaces to the environments of predator animals.

Ron Garan experienced something unique and extraordinary-living in orbit on the International Space Station (ISS) for six months. The ISS is arguably the most ambitious, technologically complicated undertaking in human history, and no one nation constructed it alone. Garan delves into the origins and global importance of the ISS, and then digs deeper to reveal the very personal impact his time on the ISS had for him. Now active in global projects to promote peace, combat hunger, thirst, and poverty, Ron is determined to use the audacity of the ISS as a model for cooperation to solve our great.

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