

2016 Architecture Unusual Buildings Around The World Wall Calendar 12x12 16 Month

"This multiauthor volume brings together thirteen chapters examining various aspects of structure and construction in the monuments of ancient Greece and Rome. Taken together they represent the international state of Bauforschung, the scientific, analytical, and often archaeological study of historic buildings. The chapters cover a variety of topics, such as construction processes, design principles, building traditions, and historical contexts. This range showcases the different technical and historical methodologies that are brought to bear on the Classical architecture of the ancient Mediterranean. At the same time, there is considerable overlap, which demonstrates that different approaches are bound together by the common aim to reconstruct historic built environments, the empirical nature of the undertaking, and the combination of visual and verbal argumentation. Bauforschung, Architectural history, Greece, Rome, Classical architecture, Historic buildings"--

First published in 1996, *The Eyes of the Skin* has become a classic of architectural theory. It asks the far-reaching question why, when there are five senses, has one single sense – sight – become so predominant in architectural culture and design? With the ascendancy of the digital and the all-pervasive use of the image electronically, it is a subject that has become all the more pressing and topical since the first edition's publication in the mid-1990s. Juhani Pallasmaa argues that the suppression of the other four sensory realms has led to the overall impoverishment of our built environment, often diminishing the emphasis on the spatial experience of a building and architecture's ability to inspire, engage and be wholly life enhancing. For every student studying Pallasmaa's classic text for the first time, *The Eyes of the Skin* is a revelation. It compellingly provides a totally fresh insight into architectural culture. This third edition meets readers' desire for a further understanding of the context of Pallasmaa's thinking by providing a new essay by architectural author and educator Peter MacKeith. This text combines both a biographical portrait of Pallasmaa and an outline of his architectural thinking, its origins and its relationship to the wider context of Nordic and European thought, past and present. The focus of the essay is on the fundamental humanity, insight and sensitivity of Pallasmaa's approach to architecture, bringing him closer to the reader. This is illustrated by Pallasmaa's sketches and photographs of his own work. The new edition also provides a foreword by the internationally renowned architect Steven Holl and a revised introduction by Pallasmaa himself.

This book studies the unexplored history of China-aided architecture erected in the developing world since the 1950s. By 2019, over 1,000 buildings had been delivered to more than 160 countries, including parliament houses, convention centers, stadiums, gymnasiums, theaters, schools, hospitals, libraries, railways, and stations. These projects, which have played a significant role in promoting economic transformation, cultural engagement and social and environmental well-being, have largely been overlooked or misunderstood by the international community. Why did China donate so many foreign-aid buildings? How were these buildings built in the remote land of developing countries with intricate influences and limited resources? Have they helped modernize the recipient countries? The authors of this book use a wide range of representative projects built in different historic periods and geographical locations as case studies to address the above questions from various perspectives. This book fills an enormous gap in modern architecture in China and the world. It offers architectural students and scholars in various disciplines the necessary knowledge on "diplomatic architecture"; informs architects the appropriate methods of cross-border design and low-tech building; teaches government officials the best practice of donating and receiving foreign-aid buildings; and enhances public awareness of cultural diversity in Asia, Africa, Oceania, and Latin America. With abundant first-hand materials, historical pictures, and drawings, the book is a must-read for those who are interested in modern architecture and developmental aid in the world. China's architecture abroad, notably in Africa and Asia, has been perceived with both fascination and anxiety. Based on a wealth of sources often difficult to access for scholars from outside China, this book links the history and present of China's architectural mobilities in ways that will stimulate new debates in architectural history and urban studies. - Łukasz Stanek, Professor of Architectural History, The University of Manchester, UK

An invaluable resource for readers interested in architecture and design that demonstrates how the construction, form, and function of key structures in the 19th-century influenced American social, political, economic, and intellectual life. • Discusses

19th-century U.S. landmarks in the context of key events and topics in history • Guides readers through the process of critically assessing and analyzing buildings and important structures in 19th-century America • Examines the history of a variety of interesting and important landmarks, not all of which are celebrated or well-known but have had significant influence on American society at the time • Gives unique perspective to students about how people lived in 19th-century America

Frank Lloyd Wright and Philip Johnson

Full STEAM Ahead: Science, Technology, Engineering, Art, and Mathematics in Library Programs and Collections

Volume I: From the Beginnings to Old Kingdom Egypt and the Dynasty of Akkad

Using Time to Craft an Enduring, Resilient and Relevant Architecture

The Architecture of James H. Johnson

Building the Network of the Future

Proceedings of SEB 2019

Fiji Tourism Development Plan, 2007-2016

Fog computing is rapidly expanding in its applications and capabilities through various parts of society. Utilizing different types of virtualization technologies can push this branch of computing to even greater heights. Fog Computing: Breakthroughs in Research and Practice contains a compendium of the latest academic material on the evolving theory and practice related to fog computing. Including innovative studies on distributed fog computing environments, programming models, and access control mechanisms, this publication is an ideal source for programmers, IT professionals, students, researchers, and engineers.

This book discusses architectural excellence in Islamic societies drawing on textual and visual materials, from the Aga Khan Documentation Center at MIT, developed over more than three decades. At the core of the discussion are the efforts, processes, and outcomes of the Aga Khan Award for Architecture (AKAA). The AKAA recognises excellence in architectural and urban interventions within cities and settlements in the Islamic world which are continuously challenged by dramatic changes in economies, societies, political systems, decision-making, and environmental requirements. Architectural Excellence in Islamic Societies responds to the recurring question about the need for architectural awards, arguing that they are critical to validating the achievements of professional architects while making their contributions more widely acknowledged by the public. Through analysis and critique of over sixty awarded and shortlisted projects from over thirty-five countries, this book provides an expansive look at the history of the AKAA through a series of narratives on the enduring values of architecture, architectural and urban conservation, built environment sustainability, and architectural pluralism and multiple modernities. Architectural Excellence in Islamic Societies will appeal to professionals and academics, researchers, and upper-level students in architectural history and theory and built environment related fields.

Elements of Architecture explores new ways of engaging architecture in archaeology. It conceives of architecture both as the physical evidence of past societies and as existing beyond the physical environment, considering how people in the past have not just dwelled in buildings but have existed within them. The book engages with the meeting point between these two perspectives. For although archaeologists must deal with the presence and absence of physicality as a discipline, which studies humans through things, to understand humans they must also address the performances, as well as temporal and affective impacts, of these material remains. The contributions in this volume investigate the way time, performance and movement, both physically and emotionally, are central aspects of understanding architectural assemblages. It is a book about the constellations of people, places and things that emerge and dissolve as affective, mobile, performative and temporal engagements. This volume juxtaposes archaeological research with perspectives from anthropology, architecture, cultural geography and philosophy in order to explore the kaleidoscopic intersections of elements coming together in architecture. Documenting the ephemeral, relational, and emotional meeting points with a category of material objects that have defined much research into what it means to be human, Elements of Architecture elucidates and expands upon a crucial body of evidence which allows us to explore the lives and interactions of past societies.

Author and award-winning scholar-professor Fred Kleiner continues to set the standard for art history textbooks, combining impeccable and authoritative scholarship with an engaging approach that discusses the most significant artworks and monuments in their full historical and cultural contexts. The most widely read and respected history of art and architecture in the English language for over 85 years, the 15th edition of GARDNER'S ART THROUGH THE AGES: A GLOBAL HISTORY includes nearly 200 new images, new pedagogical box features, images that have been upgraded for clarity and color-fidelity, revised and improved maps and architectural reconstructions, and more. More than 40 reviewers -- both generalists and specialists -- contributed to the accuracy and readability of this edition. GARDNER's has built its stellar reputation on up-to-date and extensive scholarship, reproductions of unsurpassed quality, the consistent voice of a single storyteller, and more online resources and help for students and instructors than any other art survey text. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The Oxford History of the Ancient Near East

Tunnels and Underground Cities. Engineering and Innovation Meet Archaeology, Architecture and Art

Distinction through the Aga Khan Award for Architecture

New Architecture New York
Modernity, Frontiers and Revolutions
About Star Architecture

Architectural Excellence in Islamic Societies
History, Issues and “ One Belt One Road ”

McAllen Architecture: A Visual Journey reveals the heritage and history of Texas's southernmost industrial hub city as told by its buildings. Outstanding architectural images by Pino Shah show the influence of diverse cultures and regional styles that have shaped the border city's built environment since the early 1900s. Geoff Alger provides the narratives accompanying the buildings.

This book introduces the highly topical issue from many different angles, sensitizing readers to the various challenges to human life posed by climate change, identifying possible intentional and inadvertent anthropogenic factors and consequences, and seeking socially and environmentally viable solutions. The book begins by examining the impact of the climate change discussion on science, politics, economy and culture – from its historical origin in the first Club of Rome Report and its inclusion in the UN's SDGs to the Paris Agreement and beyond. Comprising 12 chapters, it analyses the factors which caused the catastrophic 2014 Kelantan flood in Malaysia, focusing on the Kuala Krai district and discusses mud architecture in Wadi Hadramout, Yemen and mitigating the expected effects of climate change on this unique architecture and cultural heritage. It also examines the economic costs of climate change on health and the increased burden on individual expenditures and national health systems. The role of climate change in the water-energy nexus and efforts to increase efficiency in energy and water end-use to increase Queensland ' s agricultural sector ' s resilience in Australia is addressed, as is water security and climate change issues in developing countries and the potential of partnership procurement strategies for managing sustainable urban water supply in Nigerian cities. It also includes a chapter offering a new approach to waste management, exploring to what extent waste can complicate our daily actions and influence environmental decay, and recommending that renewable materials be sorted and separated from other types of materials to avoid cross-contamination, to increase the value of the materials, and to ease the process of manufacturing. Subsequent chapters identify factors sustaining the municipal solid waste management and practices in Ajdabiya city in Libya, and look at accounting disclosure remedies by exploring areas in which sustainability reporting could expand beyond corporate environmental reporting to additional disclosures, curbing recklessness in pursuing merely economic goals. The book shows – from the perspective of agriculture – how human activities can increase the negative impacts of climate change on lifestyle in Malaysia, suggesting alternative lifestyles and encouraging international cooperative efforts. The last chapters evaluate the impacts of various environmental factors on the local tourism sector in Pakistan, and discuss strategies to tackle climate change, focusing on the opportunities and risks of climate engineering. Since these risks encompass inadvertent negative effects and targeted abuse for covert weather warfare and terrorism that violate the UN ' s ENMOD convention, the author recommends viable alternatives to deal with climate change.

Global material crises are imminent. In the very near future, recycling will no longer be a choice made by those concerned about the environment, but a necessity for all. This means a paradigm shift in domestic behavior, manufacturing, construction, and design is inevitable. The Architecture of Waste provides a hopeful outlook through examining current recycling practices, rethinking initial manufacturing techniques, and proposing design solutions for second lives of material-objects. The book touches on a variety of inescapable issues beyond our global waste crisis including cultural psyches, politics, economics, manufacturing, marketing, and material science. A series of crucial perspectives from experts cover these topics and frames the research by providing a past, present, and future look at how we got here and where we go next: the historical, the material, and the design. Twelve design proposals look beyond the simple application of recycled and waste materials in architecture—an admirable endeavor but one that does not engage the urgent reality of a circular economy—by aiming to transform familiar, yet flawed, material-objects into closed-loop resources. Complete with over 150 color images and written for both professionals and students, The Architecture of Waste is a necessary reference for rethinking the traditional role of the architect and challenging the discipline to address urgent material issues within the larger design process.

Mid-20th century sacred architecture in America sought to bridge modernism with religion by abstracting cultural and faith traditions and pushing the envelope in the design of houses of worship. Modern architects embraced the challenges of creating sacred spaces that incorporated liturgical changes, evolving congregations, modern architecture, and innovations in building technology. The book describes the unique context and design aspects of the departure from historicism, and the renewal of heritage and traditions with ground-breaking structural features, deliberate optical effects and modern aesthetics. The contributions, from a pre-eminent group of scholars and practitioners from the US, Australia, and Europe are based on original archival research, historical documents, and field visits to the buildings discussed. Investigating how the authority of the divine was communicated through new forms of architectural design, these examinations map the materiality of liturgical change and communal worship during the mid-20th century.

Proceedings of the WTC 2019 ITA-AITES World Tunnel Congress (WTC 2019), May 3-9, 2019, Naples, Italy

Vernacular and Earthen Architecture: Conservation and Sustainability

Designing Buildings for Change

The Impact of Climate Change on Our Life

Proceedings of SosTierra 2017 (Valencia, Spain, 14-16 September 2017)

Reflecting on Cities in Europe

Elements of Architecture

Modernism and American Mid-20th Century Sacred Architecture

A selection of 50 papers presented at CAA2016. Papers are grouped under the following headings: Ontologies and Standards; Field and Laboratory Data Recording and Analysis; Archaeological Information Systems; GIS and Spatial Analysis; 3D and Visualisation; Complex Systems Simulation; Teaching Archaeology in the Digital Age.

A magnificent photographic compilation of New York City's best new architecture, this book features projects by leading firms working today. From Bjarke Ingels Group's VIA West 57 to SHoP Architects' Barclays Center, and from Diller Scofidio + Renfro's High Line to SOM's One World Trade Center, New York City has been home to some of this century's most exciting new architecture. Profiling more than fifty projects that are shaping the city's streets and skylines, this book features color photographs of each building and a brief, informative text about its significance. Renzo Piano Building Workshop, Ateliers Jean Nouvel, Foster + Partners, Selldorf Architects, Gehry Partners, and Adjaye Associates are just some of the firms that have recently completed projects in New York City. Visitors to the city as well as its denizens will find this book an exhilarating guide, while fans of architecture will gain an even greater appreciation of the city's unprecedented development in the past fifteen years by the world's best architects.

The Architecture of Persistence argues that continued human use is the ultimate measure of sustainability in architecture, and that expanding the discourse about adaptability to include continuity as well as change offers the architectural manifestation of resilience. Why do some buildings last for generations as beloved and useful places, while others do not? How can designers today create buildings that remain useful into the future? While architects and theorists have offered a wide range of ideas about building for change, this book focuses on persistent architecture: the material, spatial, and cultural processes that give rise to long-lived buildings. Organized in three parts, this book examines material longevity in the face of constant physical and cultural change, connects the dimensions of human use and contemporary program, and discusses how time informs the design process. Featuring dozens of interviews with people who design and use buildings, and a close analysis of over a hundred historic and contemporary projects, the principles of persistent architecture introduced here address urgent challenges for contemporary practice while pointing towards a more sustainable built environment in the future. The Architecture of Persistence: Designing for Future Use offers practitioners, students, and scholars a set of principles and illustrative precedents exploring architecture's unique ability to connect an instructive past, a useful present, and an unknown future.

This historic resource survey documents the career and buildings of Rochester, New York's most innovative mid-twentieth century architect, James H. Johnson (1932-2016). In a career spanning nearly 60 years, Johnson designed hundreds of buildings in the greater Rochester area. He is known locally as the designer of the Antell-Whitman House (better known as the "Mushroom House"), Liberty Pole, and Temple Sinai, but his other works are not generally well known, nor is the sheer number of buildings he designed appreciated either by the general public or the architectural community. Johnson's lengthy and prolific career has left the Rochester region with a tremendous legacy of innovative, unusual buildings. Having developed an early fascination with construction, Johnson always retained his interest in participating in the fabrication of his buildings, and was often found on building sites, particularly when he supervised and took a hands-on role in the construction of his series of earth-formed buildings in the late 1960s. Inspired by nature, geometry, history, and certain architectural predecessors, notably Bruce Goff, Johnson quietly demonstrated his determination to pursue novel approaches to design and construction in both highly visible public projects and in private, personal projects for clients who wanted a house intimately tied to nature, often away from public view. From his earliest projects to some of his last, he thought expansively about integrating architecture with other art forms, and regularly collaborated with artists working in other fields, incorporating their artistic visions into his own. While his expertise with large-scale construction brought him around the world on a few occasions, he spent almost all of his long career working in the Rochester area, where his daring, expressive designs remain some of the boldest and most creative contributions to the region's architectural heritage.

Building the Classical World

Why Architects Matter

Waterways and the Cultural Landscape

Architecture and the Senses

Design for a Circular Economy

A Guidebook for His Students to this Field of Art

Architecture as a Global System

Proceedings of the EAAE ARCC 10th International Conference (EAAE ARCC 2016), 15-18 June 2016, Lisbon, Portugal

In architectural terms, the twentieth century can be largely summed up with two names: Frank Lloyd Wright and Philip Johnson. Wright (1867–1959) began it with his romantic pr Johnson (1906–2005) brought down the curtain with his spare postmodernist experiments. Between them, they built some of the most admired and discussed buildings in America. Differing radically in their views on architecture, Wright and Johnson shared a restless creativity, enormous charisma, and an outspokenness that made each man irresistible to the. Often publicly at odds, they were the twentieth century's flint and steel; their repeated encounters consistently set off sparks. Yet as acclaimed historian Hugh Howard shows, the also a fruitful artistic conversation, one that yielded new directions for both men. It was not despite but rather because of their contentious--and not always admiring--relationship able so powerfully to influence history. In Architecture's Odd Couple, Howard deftly traces the historical threads connecting the two men and offers readers a distinct perspective they so enlivened with their designs. Featuring many of the structures that defined modern space--from Fallingwater to the Guggenheim, from the Glass House to the Seagram Bu

book presents an arresting portrait of modern architecture's odd couple and how they shaped the American landscape by shaping each other.

This book provides a clear-sighted analysis which suggests that architectural design may yet shape and order the future of cities. A clear argument that emerges is that to retain agency, architects must understand the contours and ecologies of practice that constitute the global system of architectural production.

Volume 2 of History of Construction Cultures contains papers presented at the 7ICCH – Seventh International Congress on Construction History, held at the Lisbon School of Architecture, Portugal, from 12 to 16 July, 2021. The conference has been organized by the Lisbon School of Architecture (FAUL), NOVA School of Social Sciences and Humanities, the Portuguese Society for Construction History Studies and the University of the Azores. The contributions cover the wide interdisciplinary spectrum of Construction History and consist on the most recent advances in theory and practical case studies analysis, following themes such as: - epistemological issues; - building actors; - building materials; - building machines, tools and equipment; - construction processes; - building services and techniques ; - structural theory and analysis ; - political, social and economic aspects; - knowledge transfer and cultural translation of construction cultures. Furthermore, papers presented at thematic sessions aim at covering important problematics, historical periods and different regions of the globe, opening new perspectives for Construction History research. We are what we build and how we build; thus, the study of Construction History is now more than ever at the centre of current debates as to the sustainable future for humankind. Therefore, History of Construction Cultures is a critical and indispensable work to expand our understanding of the ways in which everyday buildings have been perceived and experienced in different cultures, from ancient times to our century and all over the world.

From the Foreword: "This book lays out much of what we've learned at AT&T about SDN and NFV. Some of the smartest network experts in the industry have drawn a map to help us navigate this journey. Their goal isn't to predict the future but to help you design and build a network that will be ready for whatever that future holds. Because if there's one thing the last decade has taught us, it's that network demand will always exceed expectations. This book will help you get ready." —Randall Stephenson, Chairman, CEO, and President of AT&T "SDN is changing the world, and networks too. In this in-depth book, AT&T's top networking experts discuss how they're moving software-defined networking from concept to practice, a business imperative to do this rapidly." —Urs Hölzle, SVP Cloud Infrastructure, Google "Telecom operators face a continuous challenge for more agility to serve their customers with better customer experience and a lower cost. This book is a very inspiring and vivid testimony of the huge transformation this means, not only for the networks but for the entire company. AT&T is leading it. It provides a lot of very deep insights about the technical challenges telecom engineers are facing today. Beyond AT&T, I'm sure this book will be extremely helpful to the whole industry." —Alain Maloberti, Group Chief Network Officer, Orange Labs Networks "This new book should be read by any organization faced with a future driven by a "shift to software-defined networking. It is a holistic view of how AT&T has transformed its core infrastructure from hardware based to largely software based to lower costs and speed innovation. To do so, AT&T had to transform its technology supply chain, retrain their workforce, and move toward open source user-driven innovation; all while managing one of the biggest networks in the world. It is an amazing story that will put AT&T in a leading position for years to come." —Jim Zemlin, Executive Director, The Linux Foundation This book is based on the lessons learned from AT&T's software transformation journey starting in 2012 when rampant traffic growth necessitated a change in network architecture and design. Using new technologies such as NFV, SDN, Cloud, and Big Data, AT&T network engineers outlined and implemented a radical network transformation program that dramatically reduced capital and operating expenditures. This book describes the transformation in substantial detail. The subject matter is of great interest to telecom professionals worldwide, as well as academic researchers looking to apply the latest techniques in computer science to solving telecom's big problems around scalability, resilience, and survivability.

Fog Computing: Breakthroughs in Research and Practice

Sustainability in Energy and Buildings

Advances in Utopian Studies and Sacred Architecture

Proceedings of the 44th Conference on Computer Applications and Quantitative Methods in Archaeology

Bauforschung as a Contemporary Approach

Architectural Research Addressing Societal Challenges

Loose-Fit Architecture

Assembling archaeology, atmosphere and the performance of building spaces

Water control and management have been fundamental to the building of human civilisation. In Europe, the regulation of major rivers, the digging of canals and the wetland reclamation schemes from the sixteenth to nineteenth centuries, generated new typologies of waterscapes with significant implications for the people who resided within them. This book explores the role of waterways as a form of heritage, culture and sense of place and the potential of this to underpin the development of cultural tourism. With a multidisciplinary approach across the social sciences and humanities, chapters explore how the control and management of water flows are among some of the most significant human activities to transform the natural environment. Based upon a wealth and breadth of European case studies, the book uncovers the complex relationships we have with waterways, the ways that they have been represented over recent centuries and the ways in which they continue to be redefined in different cultural contexts. Contributions recognise not only valuable assets of hydrology that are at the core of landscape management, but also more intangible aspects that matter to people, such as their familiarity, affecting what is understood as the fluvial sense of place. This highly original collection will be of interest to those working in cultural tourism, cultural geography, heritage studies, cultural history, landscape studies and leisure studies.

The Architecture of James H. Johnson

The escalating interdependency of nations drives global geopolitics to shift ever more quickly. Societies seem unable to control any change that affects their cities, whether positively or negatively. Challenges are global, but solutions need to be implemented locally. How can architectural research contribute to the future of our changing society? How has it contributed in the past? The theme of the 10th EAAE/ARCC International Conference, "Architectural Research Addressing Societal Challenges", was set to address these questions. This book, Architectural Research Addressing Societal Challenges, includes reviewed papers presented in June

2016, at the 10th EAAE/ARCC International Conference, which was held at the facilities of the Faculty of Architecture of the University of Lisbon. The papers have been further divided into the following five sub-themes: a Changing Society; In Transit – Global Migration; Renaturalization of the City; Emerging Fields of Architectural Practice; and Research on Architectural Education. The EAAE/ARCC International Conference, held under the aegis of the EAAE and of the ARCC, is a conference organized every other year, in collaboration with one of the member schools/universities of those associations, alternatively in North America or in Europe.

eWork and eBusiness in Architecture, Engineering and Construction 2021 collects the papers presented at the 13th European Conference on Product and Process Modelling (ECPPM 2021, Moscow, 5-7 May 2021). The contributions cover a wide spectrum of thematic areas that hold great promise towards the advancement of research and technological development targeted at the digitalization of the AEC/FM (Architecture, Engineering, Construction and Facilities Management) domains. High quality contributions are devoted to critically important problems that arise, including: Information and Knowledge Management Semantic Web and Linked Data Communication and Collaboration Technologies Software Interoperability BIM Servers and Product Lifecycle Management Systems Digital Twins and Cyber-Physical Systems Sensors and Internet of Things Big Data Artificial and Augmented Intelligence in AEC Construction Management 5D/nD Modelling and Planning Building Performance Simulation Contract, Cost and Risk Management Safety and Quality Sustainable Buildings and Urban Environments Smart Buildings and Cities BIM Standardization, Implementation and Adoption Regulatory and Legal Aspects BIM Education and Training Industrialized Production, Smart Products and Services Over the past quarter century, the biennial ECPPM conference series, as the oldest BIM conference, has provided researchers and practitioners with a unique platform to present and discuss the latest developments regarding emerging BIM technologies and complementary issues for their adoption in the AEC/FM industry.

The Making of Empire in Bronze Age Anatolia

Scavengers, Tribes, Warlords and Megafirms

The Architecture of Waste

New Houses and Old Houses Made New

Contemporary Museum Architecture and Design

Architecture's Odd Couple

Proceedings of the 4th International Multidisciplinary Congress (PHI 2018), October 3-6, 2018, S. Miguel, Azores, Portugal

Proceedings of the 13th European Conference on Product & Process Modelling (ECPPM 2021), 15-17 September 2021, Moscow, Russia

Why Architects Matter examines the key role of research-led, ethical architects in promoting wellbeing, sustainability and innovation. It argues that the profession needs to be clear about what it knows and the value of what it knows if it is to work successfully with others. Without this clarity, the marginalization of architects from the production of the built environment will continue, preventing clients, businesses and society from getting the buildings that they need. The book offers a strategy for the development of a twenty-first-century knowledge-led built environment, including tools to help evidence, develop and communicate that value to those outside the field. Knowing how to demonstrate the impact and value of their work will strengthen practitioners' ability to pitch for work and access new funding streams. This is particularly important at a time of global economic downturn, with ever greater competition for contracts and funds driving down fees and making it imperative to prove value at every level. Why Architects Matter straddles the spheres of 'Practice Management and Law', 'History and Theory', 'Design', 'Housing', 'Sustainability', 'Health', 'Marketing' and 'Advice for Clients', bringing them into an accessible whole. The book will therefore be of interest to professional architects, architecture students and anyone with an interest in our built environment and the role of professionals within it.

This groundbreaking, five-volume series offers a comprehensive, fully illustrated history of Egypt and Western Asia (the Levant, Anatolia, Mesopotamia, and Iran), from the emergence of complex states to the conquest of Alexander the Great. Written by a highly diverse, international team of leading scholars, whose expertise brings to life the people, places, and times of the remote past, the volumes in this series focus firmly on the political and social histories of the states and communities of the ancient Near East. Individual chapters present the key textual and material sources underpinning the historical reconstruction, paying particular attention to the most recent archaeological finds and their impact on our historical understanding of the periods surveyed. Commencing with the domestication of plants and animals, and the foundation of the first permanent settlements in the region, Volume I contains ten chapters that provide a masterful survey of the earliest dynasties and territorial states in the ancient Near East, concluding with the rise of the Old Kingdom in Egypt and the Dynasty of Akkad in Mesopotamia. Politics, ideology, religion, art, crafts, economy, military developments, and the built environment are all examined. Uniquely, emphasis is placed upon elucidating both the internal dynamics of these states and communities, as well as their external relationships with their neighbors in the wider region. The result is a thoughtful, critical, and robust survey of the populations that laid the foundation for all future developments in the ancient Near East.

Vernacular architecture in general and earthen architecture in particular, with their rich variety of forms worldwide, are custodians of the material culture and identity of the peoples who built them. In addition, they are widely recognized as ancestral examples of sustainability in all their variants and interpretations, and the architecture of the present ought to learn from these when designing the sustainable architecture of the future. The conservation of these architectures – seemingly simple yet full of wisdom – is to be undertaken now given their intrinsic value and their status as genuine examples of sustainability to be learnt from and interpreted in contemporary architecture. Vernacular and earthen architecture: Conservation and Sustainability will be a valuable source of information for academics and professionals in the fields of Environmental Science, Civil Engineering, Construction and Building Engineering and Architecture.

At a time dominated by the disappearance of Future, as claimed by the French anthropologist Marc Augé, Utopia and Religion seem to be two different ways of giving back an

inner horizon to mankind. Therefore this book, on the one hand, considers the importance of utopia as a tool and how it offers an economic and social resource to improve cities' wealth, future and livability. On the other, it explores the impact of religious and cultural ideals on cities that have recently emerged in this context. Based on numerous observations, the book examines the intellectual legacy of utopian theory and practices across various academic disciplines. It also presents discussions, theories, and case studies addressing a range of issues and topics related to utopia.

Breakthroughs in Research and Practice

Modern Architecture

Getting Smarter, Faster, and More Flexible with a Software Centric Approach

British + Irish Modern

Human Judgement and the Pursuit of New Beauties in Post-Digital Architecture

Hittite Sovereign Practice, Resistance, and Negotiation

Beauty Matters

The Routledge Companion to Paradigms of Performativity in Design and Architecture

Contemporary Museum Architecture and Design showcases 18 diverse essays written by people who design, work in, and study museums, offering a variety of perspectives on this complex building type. Throughout, the authors emphasize new kinds of experiences that museum architecture helps create, connecting ideas about design at various levels of analysis, from thinking about how the building sits in the city to exploring the details of technology. With sections focusing on museums as architectural icons, community engagement through design, the role of gallery spaces in the experience of museums, disability experiences, and sustainable design for museums, the collected chapters cover topics both familiar and fresh to those interested in museum architecture. Featuring over 150 color illustrations, this book celebrates successful museum architecture while the critical analysis sheds light on important issues to consider in museum design. Written by an international range of museum administrators, architects, and researchers this collection is an essential resource for understanding the social impacts of museum architecture and design for professionals, students, and museum-lovers alike.

In this book, Claudia Glatz reconsiders the concept of empire and the processes of imperial making and undoing of the Hittite network in Late Bronze Age Anatolia. Using an array of archaeological, iconographic, and textual sources, she offers a fresh account of one of the earliest, well-attested imperialist polities of the ancient Near East. Glatz critically examines the complexity and ever – transforming nature of imperial relationships, and the practices through which Hittite elites and administrators aimed to bind disparate communities and achieve a measure of sovereignty in particular places and landscapes. She also tracks the ambiguities inherent in these practices -- what they did or did not achieve, how they were resisted, and how they were subtly negotiated in different regional and cultural contexts.

The texts presented in Proportion Harmonies and Identities (PHI) - MODERNITY, FRONTIERS AND REVOLUTIONS were compiled with the intent to establish a multidisciplinary platform for the presentation, interaction and dissemination of research. It also aims to foster awareness of and discussion on the topics of Harmony and Proportion with a focus on different visions relevant to Architecture, Arts and Humanities, Design, Engineering, Social and Natural Sciences, and their importance and benefits for the sense of both individual and community identity. The idea of modernity has been a significant driver of development since the Western Early Modern Age. Its theoretical and practical foundations have become the working tools of scientists, philosophers, and artists, who seek strategies and policies to accelerate the development process in different contexts.

Loose-Fit Architecture: Designing Buildings for Change September/October 2017 Profile 249 Volume 87 No 5 ISBN 978 1119 152644 Guest-Edited by Alex Lifschutz The idea that a building is 'finished' or 'complete' on the day it opens its doors is hardwired into existing thinking about design, planning and construction. But this ignores the unprecedented rate of social and technological change. A building only begins its life when the contractors leave. With resources at a premium and a greater need for a sustainable use of building materials, can we still afford to construct new housing or indeed any buildings that ignore the need for flexibility or the ability to evolve over time? Our design culture needs to move beyond the idealisation of a creative individual designer generating highly specific forms with fixed uses. The possibilities of adaptation and flexibility have often been overlooked, but they create hugely exciting 'loose-fit' architectures that emancipate users to create their own versatile and vibrant environments. Contributors include: Stewart Brand, Renee Chow, Ellen Dunham-Jones and June Williamson, John Habraken, Edwin Heathcote, Despina Katsakakis, Stephen Kendall, Ian Lambot, Giorgio Macchi, Alexi Marmot, Andrea Martin, Kazunobu Minami, Peter Murray, Brett Steele, and Simon Sturgis.

McAllen Architecture: A Visual Journey

Tourism - Fiji's Opportunity

Gardner's Art through the Ages: A Global History

Proceedings of the 7th International Congress on Construction History (7ICCH 2021), July 12-16, 2021, Lisbon, Portugal

Theory and Practice of Place

The Eyes of the Skin

Evidencing and Communicating the Value of Architects

The Questions of Sustainability

This volume contains the proceedings of the 11th KES International Conference on Sustainability and Energy in Buildings 2019 (SEB19) held in Budapest, 4th -5th July 2019 organised by KES International in partnership with Cardiff Metropolitan University, Wales, UK. SEB-19 invited contributions on a range of topics related to sustainable buildings and explored innovative themes regarding sustainable energy systems. The aim of the conference was to bring together researchers, and government and industry professionals to discuss the future of energy in buildings, neighbourhoods and cities from a theoretical, practical, implementation and simulation perspective. The conference formed an exciting chance to present, interact, and learn about the latest research and practical developments on the subject. The conference attracted submissions from around the world. Submissions for the Full-Paper Track were subjected to a blind peer-review process. Only the best of these were selected for presentation at the conference and publication in these proceedings. It is intended that this volume provides a useful and informative snapshot of recent research developments in the important and vibrant area of Sustainability in Energy and Buildings.

The Routledge Companion to Paradigms of Performativity in Design and Architecture focuses on a non-linear, multilateral, ethical way of design thinking, positioning the design process as a journey. It expands on the multiple facets and paradigms of performative design thinking as an emerging trend in design methodology. This edited collection explores the meaning of performativity by examining its relevance in conjunction with three fundamental principles: firmness, commodity and delight. The scope and broader meaning of performativity, performative architecture and performance-based building design are discussed in terms of how they influence today's design thinking. With contributions from 45 expert practitioners, educators and researchers, this volume engages theory, history, technology and the human aspects of performative design thinking and its implications for the future of design.

In 1896, Otto Wagner's "Modern Architecture" shocked the European architectural community with its impassioned plea for an end to eclecticism and for a "modern" style suited to contemporary needs and ideals, utilizing the nascent constructional technologies and materials. Through the combined forces of his polemical, pedagogical, and professional efforts, this determined, newly appointed professor at the Vienna Academy of Fine Arts emerged in the late 1890s - along with such contemporaries as Charles Rennie Mackintosh in Glasgow and Louis Sullivan in Chicago - as one of the leaders of the revolution soon to be identified as the "Modern Movement." Wagner's historic manifesto is now presented in a new English translation - the first in almost ninety years - based on the expanded 1902 text and noting emendations made to the 1896, 1898, and 1914 editions. In his introduction, Dr. Harry Mallgrave examines Wagner's tract against the backdrop of nineteenth-century theory, critically exploring the affinities of Wagner's revolutionary élan with the German eclectic debate of the 1840s, the materialistic tendencies of the 1870s and 1880s, and the emerging cultural ideology of modernity. Modern Architecture is one of those rare works in the literature of architecture that not only proclaimed the dawning of a new era, but also perspicaciously and cogently shaped the issues and the course of its development; it defined less the personal aspirations of one individual and more the collective hopes and dreams of a generation facing the sanguine promise of a new century

Cities across the world have been resorting to star architects to brand their projects, spark urban regeneration and market the city image internationally. This book shifts the attention from star architects to star architecture, arguing that the process of deciding about and implementing relevant architectural and urban projects is not the product of any single actor. Star architecture can, in fact, be better studied and understood as assembled by multiple actors and in its relationship with urban transformation. In its 18 chapters, the book presents a multidisciplinary collection of expert contributions in the fields of urban planning, architecture, media studies, urban economics, geography, and sociology, consistently brought together for the first time to deal with this topic. Through a vast array of case studies and analytical techniques touching over 20 cities in Europe, the book shows the positive and more problematic impacts of star architecture with reference to the preservation of built heritage, tourism and media. The book will be of interest to architects, sociologists, urban planners, and public administrators.

Designing for Future Use

The Architecture of Persistence

ECPPM 2021 - eWork and eBusiness in Architecture, Engineering and Construction

Exporting Chinese Architecture

CAA2016: Oceans of Data

History of Construction Cultures Volume 2

Buildings and Landmarks of 19th-Century America: American Society Revealed

-Demonstrates how key architects across Britain and Ireland are blending contemporary design practices with traditional vernacular buildings -Features stunning full-color photography throughout, informative descriptions and detailed floor plans -Will appeal to all architects, landscape designers, urban planners, developer-clients, and educators -Features an array of award-winning and highly commended projects including Bureau de Change's Folds House, winner of a 2016 Times Best Homes Award; Coppin Dockeray's Antsy Plum, winner of the 2016 South West RIBA Award; Tsuruta Architects' House of Trace, winner of RIBA's 2016 Stephen Lawrence Prize; Cassion Castle Architects' Oak Lane House, winner of the Daily Telegraph's Home Buildings Awards Best Residential Design 2016; and Broadstone's Tireighter Cairn, winner of the Single House Building category at the 2017 Building and Architect of the Year Awards House design in Britain and Ireland is guided by climate, landscape and local resources just as much as the centuries-old traditions that have influenced architectural shape and form. Today's best-known and emerging architects interpret their briefs with imaginative flair: they are transforming houses for the next generation of families by blending their renewed vigor for a local aesthetic with new materials and trends. Many of the new houses featured in British & Irish Modern reflect the architect's focus on redefining local expectations for form by beautifully juxtaposing the traditional with contemporary structures, thus forging a new vernacular. Architects across this region are wholeheartedly seeking opportunities to re-use existing structures in myriad ways, resulting in surprising and remarkably unique renditions of old houses and buildings made new. Shown in stunning, full-color photographic detail are hundreds of pages of new and renovated houses, cottages and even converted barns nestled in misty rural valleys, including new and retrofitted modern inner-city terraces and townhouses that make the best use of available space. Houses are selected for levels of comfort, use of materials, and dramatic expression of traditional and contemporary architecture, as well as houses that capitalize on longer and warmer summers imposed by changing weather patterns in this corner of the globe. Houses are designed with indoor spaces and intimate courtyards for play and recreation that draw in light and shield from the extreme weather elements yet maintain an eye on sustainability and affordability. British & Irish Modern reveals a rich array of works that showcase how architecture in Britain and Ireland today has much to teach the world about creative, high-caliber design, innovative application of materials, and cautious but clever reliance on resources.

Beauty in architecture matters again. This issue of AD posits that after 80 years of aggressive suppression of engagement with aesthetics, the temporarily dormant preoccupation with beauty is back. This is evidenced by a current cultural shift from the supposedly objective to an emerging trust in the subjective – a renewed fascination for aesthetics supported by new knowledge emanating simultaneously from disparate disciplines. Digital design continues to influence architectural discourse, not only due to changes in manufacturing but also through establishing meaning. The very term 'post-digital' was introduced by computational designers and artists, who accept that digital gains in architectural design are augmented by human judgement and cognitive intuition. The issue takes an interdisciplinary approach to this re-emerging interest in beauty across neuroscience, neuroaesthetics, mathematics, philosophy and architecture, while discussing the work of the international architects, in both practice and academe, who are generating new aesthetics. Contributors: Alisa Andrasko, Izaskun Chinchilla, Marjan Colletti, Peter Cook, Robbert Dijkgraaf, Winka Dubbeldam, David Garcia, Graham Harman, Claudia Pasquero and Marco Poletto, Alan Powers, Gilles Retsin, Kristina Schinegger and Stefan Rutzinger, Fleur Watson and Martyn Hook and Semir Zeki. Featured architects: Archi-Tectonics, ecoLogicStudio, NaJa & deOstos, Kazuyo Sejima + Ryue Nishizawa/SANAA, soma architecture, Studio Gang, John Wardle Architects and Tom Wiscombe Architecture.

Tunnels and Underground Cities: Engineering and Innovation meet Archaeology, Architecture and Art contains the contributions presented at the World Tunnel Congress 2019 (Naples, Italy, 3-9 May 2019). The use of underground space is continuing to grow, due to global urbanization, public demand for efficient transportation, and energy saving, production and distribution. The growing need for space at ground level, along with its continuous value increase and the challenges of energy saving and achieving sustainable development objectives, demand greater and better use of the underground space to ensure that it supports sustainable, resilient and more liveable cities. This vision was the source of inspiration for the design of the logos of both the International (ITA) and Italian (SIG) Tunnelling Association. By placing key infrastructures underground – the black circle in the logos – it will be possible to preserve and enhance the quality of the space at ground level – the green line. In order to consider and value underground space usage together with human and social needs, engineers, architects, and artists will have to learn to collaborate and develop an interdisciplinary design approach that addresses functionality, safety, aesthetics and quality of life, and adaptability to future and varied functions. The 700 contributions cover a wide range of topics, from more traditional subjects connected to technical challenges of design and construction of underground works, with emphasis on innovation in tunneling engineering, to less conventional and archetypically Italian themes such as archaeology, architecture, and art. The book has the following main themes: Archaeology, Architecture and Art in underground construction; Environment sustainability in underground construction; Geological and geotechnical knowledge and requirements for project implementation; Ground improvement in underground constructions; Innovation in underground engineering, materials and equipment; Long and deep tunnels; Public communication and awareness; Risk management, contracts and financial aspects; Safety in underground construction; Strategic use of underground space for resilient cities; Urban tunnels. Tunnels and Underground Cities: Engineering and Innovation meet Archaeology, Architecture and Art is a valuable reference text for tunneling specialists, owners, engineers, architects and

others involved in underground planning, design and building around the world, and for academics who are interested in underground constructions and geotechnics. Written by librarians who have experience with integrating technology into all subject areas and working with teens and young adults, this book is a toolkit for youth and young adult librarians—school and public—who wish to incorporate science, technology, engineering, art, and math (STEAM) into their programs and collections but aren't sure where to begin.

- Provides school and public librarians with the resources and clear guidance they need to implement STEAM programs and collections at their libraries
- Places librarians in a key position—based on knowledge and ability—with STEAM initiatives in their school and community
- Connects STEAM programming to national standards
- Explains how to secure funding and find partners to collaborate in STEAM