

Heritage And Sustainability In The Islamic Built Environment Wit Transactions On State Of The Art In Science And Engineering

Getting the books **heritage and sustainability in the islamic built environment wit transactions on state of the art in science and engineering** now is not type of challenging means. You could not isolated going later books growth or library or borrowing from your associates to approach them. This is an no question easy means to specifically get guide by on-line. This online publication heritage and sustainability in the islamic built environment wit transactions on state of the art in science and engineering can be one of the options to accompany you like having further time.

It will not waste your time. agree to me, the e-book will very circulate you further situation to read. Just invest little era to get into this on-line notice **heritage and sustainability in the islamic built environment wit transactions on state of the art in science and engineering** as competently as evaluation them wherever you are now.

Cultural Heritage in the Arabian Peninsula -

Karen Exell 2016-04-22

Heritage projects in the Arabian Peninsula are developing rapidly. Museums and heritage sites are symbols of shifting national identities, and a way of placing the Arabian Peninsula states on the international map. Global, i.e. Western, heritage standards and practices have been utilised for the rapid injection of heritage expertise in museum development and site management and for international recognition. The use of Western heritage models in the Arabian Peninsula inspires two key areas for research which this book examines: the obscuring of indigenous concepts and practices of heritage and expressions of cultural identity; and the tensions between local/community concepts of heritage and identity and the new national identities being constructed through museums and heritage sites at a state level.

Persian Architectural Heritage - Mehrdad Hejazi 2014-12-08

During its long history Persian culture has played a fundamental role in, and has made major contributions to, human civilisation. During the last few decades, scholarly interest in Persian culture, including its history, archaeology, art and architecture, has accelerated research into Persian cultural heritage. Scientific studies have provided information about knowledge on which Persian traditional buildings are based and methodologies used for their preservation. This book gives comprehensive information about Persian architectural heritage for scholars, students and practicing engineers in civil, structural, architectural, hydraulic, and restoration engineering, and other related disciplines.

Islamic Heritage Architecture and Art - C.A. Brebbia 2016-07-11

This book contains papers presented at the 1st International Conference on Islamic Heritage Architecture and Art. The papers deal with the

design of many types of buildings in Islamic countries and the influence that these structural forms have had in non-Islamic countries. Coverage will also include construction materials. There is much to learn from past experiences to arrive at solutions that are environmentally sound and sustainable in the long term. As conventional energy resources become scarce, the Islamic design heritage can offer invaluable lessons on how to deal with difficult and extreme environments in an efficient manner. Traditional architecture and urban environment in most Islamic countries is now being eroded by overemphasis on global type of architecture and city planning. As a consequence, many regions are losing their identity. The Conference will aim to review these developments in the light of what the classical Islamic urban designs and architectures have to offer modern society. There will also be coverage of conservation techniques appropriate to the materials and structural forms used.

Topics covered include: Architectural heritage; Archaeological studies; Historical aspects; The Islamic urban environment; Types of buildings (e.g., Mosques and minarets; Mausolea; Citadels and fortifications, Baths and caravanserais; Bridges and dams; Cisterns and quants; Earth-sheltered architecture; Irrigation systems; Wind towers); Climate adaptability; Arches and vaults; Domes and squinches; Double shell dome; Geometry and orientation; The use of light; Design and nature; Vernacular architecture; Construction materials (e.g., Masonry and mortars; Wood, Metals; Tiles, Adobe); Structural analysis; Earthquake resistant structures; Calligraphy, painting and patterns; Architectural conservation. The contents will be of interest to all researchers, practitioners and government employees actively involved with Islamic Heritage Architecture.

VERSUS: Heritage for Tomorrow - Correia, Mariana 2014

Vernacular architecture represents a great

resource that has considerable potential to define principles for sustainable design and contemporary architecture. This publication is the result of an overall aim to produce a valuable tool for analysis regarding vernacular heritage through different assessments, in order to define principles to consider for sustainable development. This was possible through a comprehensive reflection on the principles established and the strategies to recognise in different world contexts. The present publication was the result of an in-depth approach by 46 authors from 12 countries, concerned with the analysis and critical assessment of vernacular heritage and its sustainable perspective. The book presents 8 chapters addressing operational definitions and synopses advances, regarding the main areas of vernacular heritage contribution to sustainable architecture. It also presents 15 chapters and 53 case studies of vernacular and contemporary approaches in all the 5 continents, regarding urban, architectural,

technical and constructive strategies and solutions. VERSUS, HERITAGE FOR TOMORROW: Vernacular Knowledge for Sustainable Architecture is the result of a common effort undertaken by the partners ESG | Escola Superior Gallaecia, Portugal, as Project leader; CRAterre | École Nationale Supérieure d'Architecture de Grenoble, France; DIDA | Università degli Studi di Firenze, Italy; DICAAR | Università degli Studi di Cagliari, Italy; and UPV | Universitat Politècnica de València, Spain. This is the final outcome of VerSus, an European project developed from 2012 to 2014, in the framework of the Culture 2007-2013 programme.

Contemporary Issues in Cultural Heritage

Tourism - Jamie Kaminski 2013-12-13

The perceived quality of a destination's cultural offering has long been a significant factor in determining tourist choices of destination. More recently, the need to present touristic offerings that include cultural experiences and heritage

has become widely recognised, that this aspect of the tourism experience is an important differentiator of destinations, as well as being amongst the most manageable. This has also led to an increase in the management of such experiences through special exhibitions, events and festivals, as well as through ensuring more routine and controlled access to heritage sites. Reflecting the increasing application of cultural heritage as a driver for tourism and development, this book provides for the first time a cohesive volume on the subject that is theoretically rich, practically applied and empirically grounded. Written by expert scholars and practitioners in the field, the book covers a broad range of theoretical perspectives of cultural heritage tourism; regeneration, policy, stakeholders, marketing, socio-economic development, impacts, sustainability, volunteering and ICT. It takes a broad view, integrating international examples of sites, monuments as well as intangible cultural

heritage, motor vehicle heritage events and modern art museums. This significant book furthers knowledge of the theory and application of tourism within the context of cultural heritage and will be of interest to students, researchers and practitioners in a range of disciplines.

Routledge Handbook of Sustainable Heritage - Kalliopi Fouseki 2022-07-29

This handbook presents cutting-edge and global insights on sustainable heritage, engaging with ideas such as data science in heritage, climate change and environmental challenges, indigenous heritage, contested heritage and resilience. It does so across a diverse range of global heritage sites. Organized into six themed parts, the handbook offers cross-disciplinary perspectives on the latest theory, research and practice. Thirty-five chapters offer insights from leading scholars and practitioners in the field as well as early career researchers. This book fills a lacuna in the literature by offering scientific approaches to sustainable heritage, as well as

multicultural perspectives by exploring sustainable heritage in a range of different geographical contexts and scales. The themes covered revolve around heritage values and heritage risk; participatory approaches to heritage; dissonant heritage; socio-environmental challenges to heritage; sustainable heritage-led transformation and new cross-disciplinary methods for heritage research. This book will be an invaluable resource for students and scholars in heritage studies, archaeology, museum studies, cultural studies, architecture, landscape, urban design, planning, geography and tourism.

Going Beyond - Marie-Theres Albert 2017-09-18

This volume looks at sustainable protection and sustainable use of cultural and natural heritage, particularly in view of the current challenges of the 21st century. For more than 40 years the World Heritage Convention has regulated the protection of the cultural and natural heritage of humankind, particularly in that heritage shall be

protected if it is threatened by modern development. The international community has also adopted sustainability and sustainable development, as objectives to facilitate the protection of cultural and natural heritage. Sustainable heritage protection and use must therefore be preserved in the face of the global challenges it faces and must be perceived in terms of societal, political and corresponding economic paradigms.

Professionalism in the Built Heritage Sector

- Koen van Balen 2019-03-14

Professionalism entails the conduct, aims and qualities that characterise a profession. The term is also used to describe education and training standards for the knowledge and skills necessary to perform a specific profession. In practice, professional standards of practice and ethics are agreed upon and maintained by recognised associations. In the past, professionalism has not occupied a central place in built heritage discussions, policy and

research. Recent changes in terms of public attitudes and sustainability concerns have had a cumulative impact on the requirements for professionalism in the built heritage sector. The future success of the sector will depend on the availability of adequate professionals and an appropriately skilled workforce. In practice, the built heritage sector involves much more than interventions to conserve, preserve, rehabilitate or restore a heritage structure. Bringing a project to fruition begins with the formulation of a policy, proceeds to the design and execution of intervention strategies and ends with ongoing maintenance of heritage structures and related future programming. This process requires sufficient interactions between different professionals to obtain a common vision and hold that vision throughout a project. At the same time, the sustainability of the sector is also defined by effective governance, societal support and cultural rationales. Professionalism in the Built Heritage Sector contains reports on the

lectures of the international conference organized by the Raymond Lemaire International Centre for Conservation (Leuven, Belgium, February 5th-8th, 2018). The contributions in this volume meet the increasing demand for shared information to support the transition towards a more sustainable conservation process. The volume consists of three main parts that deal with practice-led research or scientific research: "Profiles and capacities", "Education, training and quality labels", and "Obstacles and changes".

Islamic perspectives relating to business, arts, culture and communication - Roaimah Omar
2015-06-16

This timely book explores how the Malays and Muslims in general are faced with challenges in the fields of business, economy and politics, in the modern era of globalisation. These research findings can help the Muslim community to enhance international integration, particularly in Malaysia and Southeast Asia. In this work,

scholarly and expert authors explore Islamic perspectives on communication, art and culture, business, and law and policy. They respond to the need to uphold and strengthen the culture, arts and heritage of the Malays. Readers are invited to explore the challenges for the Malay and Muslim world and to evolve strategies to ensure competitiveness, dynamism and sustainability. Topics such as Islamophobia, drug trafficking, savings behaviours and the role of social media are addressed. These reviewed papers were presented at the International Conference on Islamic Business, Art, Culture & Communication 2014, held in Melaka, Malaysia. They have the potential to strengthen aspects of Islamic economy and leadership, if translated into action plans. This book represents essential reading for scholars of Islamic studies and will be of interest to those examining Southeast Asia and the Malay world.

[A Socially Responsible Islamic Finance](#) - Umar F. Moghul 2017-02-07

This book explores how, through spirituality and the development of character, Islamic financial institutions and Muslim communities can integrate their businesses with contemporary social responsibility initiatives to produce positive social and environmental impact. From the looming environmental crisis to the divide between mainstream and extremist interpretations of Islam, the book addresses significant questions facing Muslim communities – and humanity – and demonstrates why Islam should sit ‘at the table’ with other faiths and ethical traditions discussing humanity’s great obstacles. Unlike existing literature, this work explores the intersections between classical Islamic ethics and spirituality, contemporary Islamic finance and economic markets, and select sustainability and impact initiatives (such as the Equator Principles and UN Principles of Responsible Investment) designed to make the worlds of business and finance responsible for the environments in which they operate and the

communities that support them. Drawing on his years of experience in Islamic banking, Moghul addresses these applications in light of real-world practices and dilemmas, demonstrating how Islamic organizations and Muslim communities should embrace the broad range of stakeholders countenanced by the Shari'ah in conversations that affect them. By situating his exploration of Islamic finance in the light of the much larger critical issues of balance, justice, and moderation in Islamic praxis, Moghul creates an interdisciplinary book that will appeal to academics and researchers in economics, finance, business, government and policy, and law.

Religion, Heritage and the Sustainable City -

Yamini Narayanan 2014-10-10

The speed and scale of urbanisation in India is unprecedented almost anywhere in the world and has tremendous global implications. The religious influence on the urban experience has resonances for all aspects of urban sustainability

in India and yet it remains a blind spot while articulating sustainable urban policy. This book explores the historical and on-going influence of religion on urban planning, design, space utilisation, urban identities and communities. It argues that the conceptual and empirical approaches to planning sustainable cities in India need to be developed out of analytical concepts that define local sense of place and identity. Examining how Hindu religious heritage, beliefs and religiously influenced planning practices have impacted on sustainable urbanisation development in Jaipur and Indian cities in general, the book identifies the challenges and opportunities that ritualistic and belief resources pose for sustainability. It focuses on three key aspects: spatial segregation and ghettoisation; gender-inclusive urban development; and the nexus between religion, nature and urban development. This cutting-edge book is one of the first case studies linking Hindu religion, heritage, urban development,

women and the environment in a way that responds to the realities of Indian cities. It opens up discussion on the nexus of religion and development, drawing out insightful policy implications for the sustainable urban planning of many cities in India and elsewhere in South Asia and the developing world.

Islamic Heritage Architecture and Art III - J. Casares 2020-08-11

Islamic architecture has enriched design with a wide variety of structural shapes, including among others, unique arches, a wide variety of vaults and domes which allow for new forms to be developed. The influence that these structural forms have in non-Islamic countries was one of the themes of the 3rd International Conference on Islamic Heritage Architecture and Art, at which the included papers were presented. There is much to learn from past experiences to arrive at solutions which are environmentally sound and sustainable in the long term. As conventional energy resources become scarce,

the Islamic design heritage can offer invaluable lessons on how to deal in an efficient manner with cases of hard and extreme environments. Traditional architecture and urban environments in most Islamic countries are now being eroded by overemphasis on a global type of architecture and city planning. As a consequence, many regions are losing their identity. It will become increasingly important for new developments to take light of what the classical Islamic urban designs and architectures have to offer modern society. An equally important aspect covered is the analysis of the materials employed and the types of structural elements, particularly those unique to Islamic architecture. Preserving this heritage requires the development of appropriate conservation techniques in response to the different materials used and the ways structural forms work, including under extreme conditions, such as earthquakes. These papers deal with the design of many types of buildings in Islamic countries, including not only the

better known public buildings like mosques, mausolea, citadels and forts, but also houses and gardens, engineering works such as bridges and dams, irrigation systems and many others which have also had a profound impact on society.

Islamic Heritage Architecture and Art II - G Passerini 2018-07-18

Papers presented at the 2nd International Conference on Islamic Heritage Architecture and Art are contained in this volume. The conference attracted important research highlighting the significance of Islamic heritage architecture and art to the world and its influence across different regions. The papers deal with the design of many types of buildings in Islamic countries, including not only the better known public buildings like mosques, mausolea, citadels and forts, but also houses and gardens, engineering works such as bridges and dams, irrigation systems and many others which have also had a profound impact on society. Traditional architecture and urban environment

in most Islamic countries is now being eroded by overemphasis on a global type of architecture and city planning. As a consequence, many regions are losing their identity. The included studies review these developments in the light of what classical Islamic urban design and architecture has to offer modern society.

Research contained in this book provides an analysis of the materials employed and the types of structural elements used, particularly those unique to Islamic architecture. Associated topics covered include music, textiles and ceramics, which are essential parts of the architectural fabric. Also looked at are construction materials, including not only stone and brick but also more perishable materials like adobe, wood and reeds. The preservation of heritage features also requires the development of appropriate conservation techniques in response to the different materials used and the ways structural forms work, including under extreme conditions, such as earthquakes. Academics, researchers,

practitioners and government employees actively involved in the topic of Islamic heritage architecture and art will find this publication of interest.

Sustainable Development and Planning XII -

J.J. Casares 2022-08-09

Planners, environmentalists, architects, engineers, policymakers and economists have to work together to ensure that planning and development can meet our present needs without compromising the ability of future generations. This collaboration was the aim of the 12th International Conference on Sustainable Development and Planning, from which the papers in this volume originate. Problems related to development and planning, which affect rural and urban areas, are present in all regions of the world. Accelerated urbanisation has resulted in the deterioration of the environment and loss of quality of life. Urban development can also aggravate problems faced by rural areas such as forests, mountain regions

and coastal areas, amongst many others. Taking into consideration the interaction between different regions and developing new methodologies for monitoring, planning and implementation of novel strategies can offer solutions mitigating environmental pollution and non-sustainable use of available resources. Energy-saving and eco-friendly building approaches have become an important part of modern development, which places special emphasis on resource optimisation. Planning has a key role to play in ensuring that these solutions, as well as new materials and processes, are incorporated in the most efficient manner. The included papers feature new academic findings and their applications in planning and development strategies, assessment tools, and decision-making processes.

Structural Studies, Repairs and Maintenance of Heritage Architecture XIII -

C. A. Brebbia 2013-06-25

Architectural heritage is now recognised to be of great importance to the historical identity. In order to take care of the architectural heritage of a region, town or nation, now recognised as of great importance to their historical identify, we need to share experiences and knowledge regarding heritage preservation in many parts of the world. Covering advances in this field presented at the thirteenth in a series of now-biennial conferences that began in 1989, this book covers such topics as Heritage architecture and historical aspects; Learning from the past; Surveying and monitoring; Performance and maintenance; Structural restoration of metallic structures; Preservation and monitoring; Earth construction; Modern (19th/20th century) heritage; Maritime heritage; Heritage masonry buildings; Stone masonry walls; Wooden structures; Simulation and modelling; Material characterization; New technologies or materials; Corrosion and material Decay; Seismic vulnerability; Non-destructive techniques;

Assessment and re-use of heritage buildings; Heritage and tourism; Social and economic aspects in heritage; Guidelines, codes and regulations for heritage.

-

Crisis in the Built Environment - Jamel A. Akbar 1988

Cultural Heritage and the Challenge of Sustainability - Diane Barthel-Bouchier
2016-06-16

For cultural and heritage institutions around the world, sustainability is the major challenge of the twenty-first century. In the first major work to analyze this critical issue, Barthel-Bouchier argues that programmatic commitments to sustainability arose both from direct environmental threats to tangible and intangible heritage, and from social and economic contradictions as heritage developed into a truly global organizational field. Drawing on extensive

fieldwork and interviews over many years, as well as detailed coverage of primary documents and secondary literature, she examines key international organizations including UNESCO, ICOMOS, and the World Monuments Fund, and national trust organizations of Great Britain, the United States, and Australia, and many others. This wide-ranging study establishes a foundation for critical analysis and programmatic advances as heritage professionals encounter the growing challenge of sustainability.

Values in Heritage Management - Erica Avrami 2019-12-03

Bringing together leading conservation scholars and professionals from around the world, this volume offers a timely look at values-based approaches to heritage management. Over the last fifty years, conservation professionals have confronted increasingly complex political, economic, and cultural dynamics. This volume, with contributions by leading international practitioners and scholars, reviews how values-

based methods have come to influence conservation, takes stock of emerging approaches to values in heritage practice and policy, identifies common challenges and related spheres of knowledge, and proposes specific areas in which the development of new approaches and future research may help advance the field.

Architectural Excellence in Islamic Societies - Ashraf M. Salama 2020-07-14

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 ACAA 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.

Perceptions of Sustainability in Heritage Studies - Marie-Theres Albert 2015-07-01

With contributions Francesco Bandarin, Minja Yang and Mechthild Rössler This publication is the fourth in the Heritage Studies series and aims to reflect upon the many dimensions of sustainability and sustainable development within the Heritage Studies discourse. Sustainability as a concept and sustainable development as a goal are presented in official policies within UNESCO's understanding of heritage, in its paradigmatic reflections and in the diversity of theories and methods, including many different and sometimes conflicting understandings of sustainability within this discourse. Thus, the contributors to this publication discuss sustainability as it directly concerns the potential of different approaches to World Heritage and Intangible Heritage. The inclusion of the four dimensions of sustainability - environmental, economic, social and cultural - into the Heritage Studies discourse opens a new perspective on the discourse itself.

Equity in Heritage Conservation - Jigna Desai

2019-01-10

Recognised by the UN's Sustainable Development Goals as a measure to make cities inclusive, safe and resilient, conservation of natural and cultural heritage has become an increasingly important issue across the globe. The equity principle of sustainable development necessitates that citizens hold the right to participate in the cultural economy of a place, requiring that inhabitants and other stakeholders are consulted on processes of continuity or transformation. However, aspirations of cultural exchange do not translate in practice. *Equity in Heritage Conservation* takes the UNESCO World Heritage City of Ahmedabad, India, as the foundational investigation into the realities of cultural heritage conservation and management. It contextualises the question of heritage by citing places, projects and initiatives from other cities around the world to identify issues, processes and improvements. Through illustrated chapters

it discusses the understanding of heritage in relation to the sustainable development of living historic cities, the viability of specific measures, ethics of engagement and recommendations for governance. This book will appeal to a range of scholars interested in cultural heritage conservation and management, sustainable development, urban and regional planning, and architecture.

Handbook of Research on SDGs for Economic Development, Social Development, and Environmental Protection

- Popescu, Cristina Raluca Gh. 2022-05-27

Today's context of sustainability and its challenges have shifted dramatically in the post-COVID-19 era. Economic development, social development, and environmental protection are vital concerns for sustainability and sustainable development, especially as a result of the COVID-19 pandemic and the COVID-19 crisis. It is essential to address the necessary issues and opportunities in order to be able to understand

the importance of sustainability and sustainable development. The Handbook of Research on SDGs for Economic Development, Social Development, and Environmental Protection provides an updated view of the newest trends, novel practices, and latest tendencies concerning the manner of supporting and ensuring sustainability and the challenges of the post-COVID-19 era, while focusing on economic development, social development, and environmental protection. It also discusses the ways in which global nations are expected to realize successful partnerships in order to support sustainability and sustainable development while targeting sensible issues. Covering topics such as organizational green culture implications, global economy, and urban energy efficiency, this major reference work is an essential resource for scientists, economists, students and educators of higher education, sociologists, environmental scientists, executives, managers, government officials,

entrepreneurs, researchers, and academicians.

The Economics of Uniqueness - Guido

Licciardi 2012-10-01

In a world where half of the population lives in cities and more than 90 percent of urban growth is occurring in the developing world, cities struggle to modernize without completely losing their unique character, which is embodied by their historic cores and cultural heritage assets. As countries develop, cultural heritage can provide a crucial element of continuity and stability: the past can become a foundation for the future. This book collects innovative research papers authored by leading scholars and practitioners in heritage economics, and presents the most current knowledge on how heritage assets can serve as drivers of local economic development. What this book tries to suggest is a workable approach to explicitly take into account the cultural dimensions of urban regeneration in agglomerations that have a history and possess a unique character, going

beyond an approach based solely on major cultural heritage assets or landmarks. The knowledge disseminated through this book will help stakeholders involved in preparation, implementation, and supervision of development investments to better assess the values of cultural heritage assets and incorporate them in urban development policies.

Sustainable Construction Technologies -

Vivian Y. Tam 2019-01-03

Sustainable Construction Technologies: Life-Cycle Assessment provides practitioners with a tool to help them select technologies that are financially advantageous even though they have a higher initial cost. Chapters provide an overview of LCA and how it can be used in conjunction with other indicators to manage construction. Topics covered include indoor environment quality, energy efficiency, transport, water reuse, materials, land use and ecology, and more. The book presents a valuable tool for construction professionals and

researchers that want to apply sustainable construction techniques to their projects. Practitioners will find the international case studies and discussions of worldwide regulation and standards particularly useful. Provides a framework for analyzing sustainable construction technologies and economic viability Introduces key credit criteria for different sustainable construction technologies Covers the most relevant construction areas Includes technologies that can be employed during the process of construction, or to the product of the construction process, i.e. buildings Analyzes international rating systems and provides supporting case studies

Traditional Islamic Principles of Built Environment -

Hisham Mortada 2003-12-16

Written with the non-Muslim reader in mind, this book analyses the principles and values established by Islamic tradition to govern the social and physical environments of Muslims. The picture of Islam that emerges from this work

is of a way of life with social ideals. Relying on the Qur'an and Sunna, the basic sources of Islamic law, and using examples of the built environment of early Muslims in North Africa, the Middle East, Europe and Central Asia, the author explains how following these ideals can create an urban environment that responds to social and environmental variables. Islamic views on the controversial issue of modernisation are also examined. This book will be of interest to people in the fields of urban planning, architecture, sociology, anthropology, housing and built environment, as well as Islamic studies.

The Future of the City - Kheir Al-Kodmany 2013
Drawing on the experience of several cities from different parts of the world, this text provides a global perspective on the urbanization phenomenon and tall building development, and examines their underlying logic, design drivers, contextual relationships and pitfalls.

Conservation of Architectural Heritage -

Antonella Versaci 2022

This book focuses on the management and conservation of architectural heritage with the aim of increasing awareness about the value of such conservation and of saving what is left of history, which in turn rewards societies by supporting the tourism industry, generating economic return, and preserving communities identities. Since it has become an essential need to manage and conserve the architectural heritage in order to protect the identity and heritage of a city, there appeared a gap between the theory and its application. Therefore, a considerable amount of attention has been directed by experts in this field toward emphasizing the contribution of heritage conservation in order to inspire the development of imaginative, useful high-quality design.

Islamic Heritage Architecture IV - S.

Hernandez 2022-09-13

Islamic architecture has enriched design with a wide variety of structural shapes, including

among others, unique arches, a wide variety of vaults and domes, which allow for new forms to be developed. This volume deals with the design of many types of buildings in Islamic countries, including not only the better known public buildings like mosques, mausoleums, citadels and forts, but also houses and gardens, engineering works such as bridges and dams, irrigation systems and many others which have also had a profound impact on society. There is much to learn from past experiences to arrive at solutions that are environmentally sound and sustainable in the long term. As conventional energy resources become scarce, the Islamic design heritage can offer invaluable lessons on how to deal in an efficient manner with cases of hard and extreme environments. Traditional architecture and urban environments in most Islamic countries are now being eroded by overemphasis on a global type of architecture and city planning. Consequently, many regions are losing their identity. The included research

reviews these developments in the light of what the classical Islamic urban designs and architectures have to offer modern society.

Islamic Heritage Architecture - C.A. Brebbia
2016-12-28

This book contains papers presented at the 1st International Conference on Islamic Heritage Architecture and Art. The papers deal with the design of many types of buildings in Islamic countries and the influence that these structural forms have had in non-Islamic countries. Coverage will also include construction materials. There is much to learn from past experiences to arrive at solutions that are environmentally sound and sustainable in the long term. As conventional energy resources become scarce, the Islamic design heritage can offer invaluable lessons on how to deal with difficult and extreme environments in an efficient manner. Traditional architecture and urban environment in most Islamic countries is now being eroded by overemphasis on global

type of architecture and city planning. Consequently, many regions are losing their identity. The Conference will aim to review these developments in the light of what the classical Islamic urban designs and architectures have to offer modern society. There will also be coverage of conservation techniques appropriate to the materials and structural forms used. The papers in this book cover such topics as: Architectural conservation; Architectural heritage; Architecture in Malaysia and Indonesia; Climate adaptability; Conservation and restoration; Historical aspects; Houses and gardens; Islamic art and globalisation; Mosques and minarets; Ottoman Istanbul; Schools; The African Coast; The Islamic urban environment; The Mediterranean region; The use of light; Vernacular architecture; Wood and wooden roofs. The contents will be of interest to all researchers, practitioners and government employees actively involved with Islamic Heritage Architecture.

Post-Conflict Archaeology and Cultural Heritage - Paul Newson 2017-11-14

The human cost in any conflict is of course the first care in terms of the reduction, if not the elimination of damage. However, the destruction of archaeology and heritage as a consequence of civil and international wars is also of major concern, and the irreversible loss of monuments and sites through conflict has been increasingly discussed and documented in recent years. Post-Conflict Archaeology and Cultural Heritage draws together a series of papers from archaeological and heritage professionals seeking positive, pragmatic and practical ways to deal with conflict-damaged sites. For instance, by showing that conflict-damaged cultural heritage and archaeological sites are a valuable resource rather than an inevitable casualty of war, and suggesting that archaeologists use their skills and knowledge to bring communities together, giving them ownership of, and identification with, their

cultural heritage. The book is a mixture of the discussion of problems, suggested planning solutions and case studies for both archaeologists and heritage managers. It will be of interest to heritage professionals, archaeologists and anyone working with post-conflict communities, as well as anthropology, archaeology, and heritage academics and their students at a range of levels.

Urban and Architectural Heritage Conservation within Sustainability - Dr. Kabila Hmood
2019-07-03

Urban and Architectural Heritage within Sustainability is interested in the cities of the future, which must tie together the past, present, and future through an advanced connective chain that meets all humans' requirements in any era. This book attempts to answer many questions, such as what is urban conservation? How do cities of historical depth deal with modern planning policies and our conservation policies, rehabilitation, restoration,

and preservation of historical cities and heritage buildings? How can we explain sustainable heritage and sustainability? Comprised of four sections, this book includes six chapters by noted experts and researchers. Section 1 covers heritage conservation and rehabilitation of architectural and urban heritage. Section 2 investigates current retrofitting strategies and interventions in heritage buildings through the viewpoint of energy efficiency. Section 3 redefines what identity is and explores how new places and spaces offer an eyrie of cultural values. And Section 4 establishes heritage significant values and assesses sustainable heritage conservation options.

Vernacular and Earthen Architecture: Conservation and Sustainability - Camilla Mileto
2017-09-01

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.

Understanding Built Environment - Fumihiko Seta 2016-12-26

This book is a comprehensive document visualizing the future of built environment from

a multidisciplinary dimension, with special emphasis on the Indian scenario. The multidisciplinary focus would be helpful for the readers to cross-refer and understand others' perspectives. The text also includes case studies substantiating theoretical research. This method of composition helps the book to maintain rational balance among theory, research and its contextual application. The book comprises selected papers from the National Conference on Sustainable Built Environment. The chapters provide varied viewpoints on the core issues of urbanization and planning. This compilation would be of interest to students, researchers, professionals and policy makers.

Preservation, Sustainability, and Equity - Erica Avrami 2021-11

Heritage occupies a privileged position within the built environment. Most municipalities in the United States, and nearly all countries around the world, have laws and policies to preserve heritage in situ, seeking to protect places from

physical loss and the forces of change. That privilege, however, is increasingly being unsettled by the legacies of racial, economic, and social injustice in both the built environment and historic preservation policy, and by the compounding climate crisis. Though many heritage projects and practitioners are confronting injustice and climate in innovative ways, systemic change requires looking beyond the formal and material dimensions of place and to the processes and outcomes of preservation policy--operationalized through laws and guidelines, regulatory processes, and institutions--across time and socio-geographic scales, and in relation to the publics they are intended to serve. This third volume in the Issues in Preservation Policy series examines historic preservation as an enterprise of ideas, methods, institutions, and practices that must reorient toward a new horizon, one in which equity and sustainability become critical guideposts for policy evolution.

Cultural Heritage Tourism - Cheryl M.

Hargrove 2017-05-05

Every place has a story to tell, often found in historic sites or cultural traditions of the people who settled or currently live in a community, city, region or state. When these stories and places are shared with visitors, this activity becomes what is known as cultural heritage tourism. Success and sustainability in this growing industry segment requires careful planning and adequate resources. Cultural Heritage Tourism: Five Steps for Success and Sustainability provides detailed instruction through a proven five-step process to help planners, managers and community leaders attract visitors and their spending to your cultural heritage site, attraction, event or destination. Learn how to assess, plan for, develop, market, fund, manage, and measure cultural heritage for growth and sustainability. Refer to the best practices and case studies from across the country as examples for replication

and reference. Use the sample documents and resource lists to jumpstart your cultural heritage tourism program, and monitor and measure the efforts. This book walks you through every step, from inception to evaluation.

Sustainable Urban Forms - Bashir Kazimee
2015-12-09

This text explores the latest research and practice regarding ways to design a more sustainable, livable world.

Synagogues in the Islamic World - Gharipour
Mohammad Gharipour 2019-07-30

This beautifully illustrated volume looks at the spaces created by and for Jews in areas under the political or religious control of Muslims. Covering regions as diverse as Central Asia, the Middle East, North Africa and Spain, it asks how the architecture of synagogues responded to contextual issues and traditions, and how these contexts influenced the design and evolution of synagogues. As well as revealing how synagogues reflect the culture of the Jewish

minority at macro and micro scales, from the city to the interior, the book also considers patterns of the development of synagogues in urban contexts and in connection with urban elements and monuments.

Heritage Architecture Studies - V. Echarri
2018-02-01

Studies, repairs and maintenance of heritage architecture are becoming increasingly important in modern society. The rapid growth recently experienced in many regions of the world has added a particular urgency to the need to preserve our built cultural heritage. This requires the collaboration of different parties including not only architects, engineers and scientists but also artists, socio-economic professionals and all other stakeholders to ensure the effective integration of the rehabilitated buildings within the community. Comprising specially selected papers, this book address a series of topics related to the historical aspects and reuse of heritage

architecture, as well as technical issues on the structural integrity of different types of buildings. Restoration processes require the appropriate characterisation of materials, the modes of construction and the structural behaviour of the building. Modern computer simulation can provide accurate results demonstrating the stress state of the building and possible failure mechanisms affecting its stability. Equally important are studies related to their dynamic and earthquake behaviour, aiming to provide an assessment of the seismic vulnerability of heritage buildings. Of particular interest is the need for Heritage Building rehabilitation to conform to energy consumption reduction goals framed within climate change initiatives. It is necessary to encourage actions to improve energy efficiency, harmonised with both appropriate amounts of investment and transnational commitments to reduce greenhouse gas emissions.

Heritage and Sustainability in the Islamic Built

Environment - Bashir A. Kazimee 2012

The essays in this book represent an up to date research and investigation into the various aspects of heritage and sustainability in the Islamic Built environments with an analysis of the problems that these cities face, as they confront the forces of globalization and new development. The authors in the book aim to the need for knowledge and understanding of Islamic society which is crucial for comprehending their rich architectural heritage and urban form with their intended meanings and uses. The book embraces a wide array of principles, strategies and precedents that are instrumental to the design of cities and communities in Islamic regions in order to sustain their cultural and environmental vitality. The subject matter in this book will provide an important body of knowledge, not only to the design professionals and students of architecture and planning, but also includes useful information across disciplines, such as

social sciences, planning, urban geography and more.