Evaluation energy consuming in terms of climate factors: A case study of Karakol residential apartments, Fazlapoura, Neda, Yousefi, Saeid, and Edris, Mehrdad. 2020. Journal of Contemporary Urban Affairs, Vol.1 No.2, 2017-06-05 The courthouse house is still relevant today through its ability to accommodate continual transformation without losing any of its formal integrity and cultural roots. This book presents a series of viewpoints on courthouse houses from different periods and in different regions around the world; from the Middle Ages to the Renaissance, to the contemporary day. It also explains the common design strategies for courthouse houses in the 19th and 20th centuries. Together, the essays illustrate issues of particular relevance in architectural, art historical, and conservation discourses today.


The Cultural Meaning of Aleppo: Giulia Annalinda Neglia 2020-12-22 The book documents the history and morphology of the Ancient City of Aleppo, outlining first the urban and architectural heritage of the city, and the site of ancient Aleppo.

Designing Spaces for Natural Ventilation in Urban Areas: One of the important factors in achieving a healthy and comfortable building is the design of a natural ventilation system. This book focuses on the design of buildings that allow for natural ventilation and enhances overall comfort.

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The Sustainable City IV: A. Brebila 2006-01-01 Urban areas produce a series of environmental problems arising from the consumption of natural resources and the concentration of population. The book addresses the many inter-related aspects of the urban environment from transport and mobility to social exclusion and crime prevention. Publishing papers from the Fourth International Conference on Urban Regeneration and Sustainability, the volume includes topics such as: Transportation and Transport Integration; Depleted Ecological Resources; Environmental Pollution; Energy Resources Systems.

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and business practices with personnel and process safety management principles, the book is an invaluable resource for organizations seeking operational discipline.

Mobil, BP, Suncor, and Chevron. In 7 Fundamentals of an Operationally Excellent Management System, the authors discuss each fundamental in detail and provide the technology-rich strategies to meet these challenges by careful application of data on population growth and movement to the planning, design, and construction of infrastructure improvements, including housing, education and health care optimization, have created significant challenges across the globe. The authors suggest that urbanization, and demystifies Social Sustainability, the least understood of all the different areas of sustainable development. The volume's twin focus on these topics provides a framework to help leaders think through the implications of their decisions in terms of social, economic, and environmental impact.

Based on these conclusions, a more sustainable architectural heritage needs to be created. To achieve this, the authors advocate for a paradigm shift in the design process, emphasizing the importance of deep beauty and sustainability in contemporary architecture. They argue that by integrating these principles, it is possible to create spaces that are not only functional but also aesthetically pleasing and environmentally responsible.

The book also discusses the role of architectural conservation in relation to sustainable development, and how it can contribute to the conservation of cultural heritage. It presents case studies of successful conservation projects that demonstrate the importance of preserving the built environment as a means of achieving sustainability.

The authors emphasize the importance of cross-disciplinary collaboration in the field of sustainable architecture, and highlight the need for a comprehensive framework that considers both cultural and ecological perspectives. They advocate for a holistic approach to designing buildings that takes into account the social, economic, and environmental impacts of architectural decisions.

Overall, Architectural Heritage and the Built Environment is a valuable resource for architects, planners, and practitioners who are interested in sustainable architecture. It offers a unique perspective on the importance of architectural heritage and its role in achieving sustainability, and provides practical guidance for designing buildings that are both beautiful and environmentally responsible.
Sustainable Urban Housing in China—Leon Glicksman 2007-04-22 This book features case studies and recommendations for new approaches to environmentally responsive sustainable building, illuminating many principles of sustainability and energy efficiency applicable to buildings worldwide, and in developing countries in particular. These projects identify practical technologies, new and existing, that will yield energy-efficient, healthy, and comfortable designs. Individual chapters address ventilation, controls, materials, and daylighting. Design guidelines and organizational methods suited to urban projects are also discussed.

Sustainable Vernacular Architecture—Ali Sayigh 2019-03-29 This book discusses applying vernacular strategies to modern architectural design to adhere to basic green principles of energy efficiency and materials utilization. Written from an international perspective, chapters present the perspectives and experiences of architects and engineers from across the globe. Historically successful approaches are integrated with modern design concepts to create novel, sustainable, and resource conscious solutions. The scope of topics covered include natural ventilation, cooling and heating, daylight and shading devices, and green micro-climate and functional facades, making this a useful reference for a wide range of researchers and workers in the built environment. Covers the most up-to-date research developments, best practices, and innovations from countries all over the globe. Contains case studies and examples to enhance practical application of the technologies presented.

The Encyclopedia of Housing, Second Edition—Andrew T. Carswell 2012-06-13 The second edition of the Encyclopedia of Housing has been updated to reflect the significant changes in the market that make the landscape of the industry so different today, and includes articles from a fresh set of scholars who have contributed to the field over the past twelve years.

Principles of Housing which Achieve Social Interaction and Community Integration—Xue Bai 2011

Urbanization and Sustainability in Asia—Brian Roberts 2006

Sustainable Urbanisation—Adriana Allen 2002

Buildings, Culture and Environment—Richard Lorch 2008-04-15 With accelerating change towards globalisation, the efficacy of design solutions not embedded within regional culture has been prone to failure—technically, socially and economically. Environmental problems and questions surrounding how to achieve a sustainable built environment are now posing urgent challenges to built environment practitioners and researcher. However, international cooperation in setting targets and standards as well as an increasing exchange of environmental information and practices present designers, clients and occupants with new problems that comprise local needs and the built environment. This book addresses the role regional culture play in the successful (or otherwise) process of exchanging and adapting environmental practices and standards in the built environment. Using the specific case of the design of environmentally sound buildings, the book identifies a number of issues from different perspectives: The conflict between regionally appropriate environmental building practices within a global technical and economic context. How human, social and cultural expectations limit technological advances and performance improvements. To what extent information on environmentally progressive buildings can be transferred across cultures without compromising regional and local practices. Which ideas travel successfully between regions—generic principles, specific ideas or specific solutions? How the idea of regional identity is being redefined as the process of globalisation both widens and accelerates.

Sustainable Development and the Global Commons—International Institute for Environment & Development 1992

Global Dwelling—K. Hadjri 2020-05-12 A selection of papers from the proceedings of the Third OIKONET Conference is contained in this book. OIKONET is a European project co-funded by the Education, Audiovisual and Culture Executive Agency (EACEA) with the purpose of studying contemporary housing from a multidisciplinary and global perspective by encompassing the multiple dimensions which condition the forms of dwelling in today’s societies: architectural, urban, environmental, economic, cultural and social. Following on from the first two OIKONET conferences held respectively in Barcelona, Spain in 2014 and Bratislava, Slovakia in 2015, the third conference took place in Manchester, the UK in 2016. Providing a valuable resource for students, lecturers, researchers and others with an interest in housing studies, the papers included in this book cover three themes, namely sustainability of housing environments, innovation in housing design and planning, and participation in housing design and construction.