

New York From The Air An Architectural Heritage

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Annual Report - National Endowment for the Arts 1982

Reports for 1980-19 also include the Annual report of the National Council on the Arts.

Contemporary Japanese Architecture - James Steele 2017-03-16

Contemporary Japanese Architecture presents a clear and comprehensive overview of the historical and cultural framework that informs the work of all Japanese architects, as an introduction to an in-depth investigation of the challenges now occupying the contemporary designers who will be the leaders of the next generation. It separates out the young generation of Japanese architects from the crowded, distinguished, multi-generational field they seek to join, and investigates the topics that absorb them, and the critical issues they face within the new economic reality of Japan and a shifting global order. Salient points in the text are illustrated by beautiful, descriptive images provided by the architects and from the extensive collection of the author. By combining illustrations with timelines and graphics to explain complex ideas, the book is accessible to any student seeking to understand contemporary Japanese architecture.

Agrest and Gandelonas Works - Diana Agrest 1995

"Documents some 40 of the architects' urban projects, interiors, and theoretical projects with plans, renderings, and color photos and sketches. Includes interviews with the architects, biographies, and essays on architectural issues" -- Google Books.

Sustainable Architectural Design - Kuppaswamy Iyengar 2015-05-15

This book is a guide to a sustainable design process that moves from theory, to site and energy use, to building systems, and finally to evaluation and case studies, so you can integrate design and technology for effective sustainable building. Kuppaswamy Iyengar shows you how to get it right the first time, use free energy systems, and utilise technologies that minimize fossil fuel use. Each chapter has a sustainable design overview, technical details and strategies marked by clear sections, a summary, and further resources. Heavily illustrated with charts, tables, drawings, photographs, and case studies, the book shows technologies and concepts integrated into cohesive project types, from small and large office spaces to single and multiuse residences, hospitals, schools, restaurants, and warehouses to demonstrate implementing your designs to meet clients' needs now and for the future. Includes an overview of alternate assessment and evaluation systems such as BREEAM, CASBEE, GBTool, Green Globes alongside LEED, ECOTECT, energy 10, HEED and eQuest simulation programs. The guide reveals the importance of the building envelope—walls, superstructure, insulation, windows, floors, roofs, and building materials—on the environmental impact of a building, and has a section on site systems examining site selection, landscape design, thermal impact, and building placement.

Airports - Hugh Pearman 2004

Since their emergence at the start of the 20th century, airports have become one of the most distinctive and important of architectural building types. Often used to symbolize progress, freedom and trade, they offer architects the chance to design on a grand scale. At the beginning of the 21st century, airports are experiencing a new and exciting renaissance as they adapt and evolve into a new type of building; one that is complete, adaptable and catering to a new range of demands. As passengers are held in airports far longer than they used to be, they have also now become destinations in their own right. Airports celebrates the most important airport designs in the world. Beginning with an exploration of the first structures of aviation, and early designs such as the Berlin Tempelhof, the book explores the key airports of the century up to the present day, including Eero Saarinen's TWA Terminal in New York, Renzo Piano's Kansai Airport and Norman Foster's Chek Lap Kok in Hong Kong.

Energy Accounts - Dan Willis 2016-06-23

How does one tell the story of energy production, use, or conservation in a manner sufficiently convincing to influence policy, behavior, and

design? Energy Accounts explores potential answers to this question through compelling images, data visualizations, narratives, and other examples of accounting for energy. Organized into a collection containing both examples of best practices and critiques, this impressive array of projects and contributors combines text and graphic material to explore different representations of energy data. Including work from Kieran Timberlake, SHoP, AMO, Lateral Office, WOHA, and many more, the book boasts a unique graphic design which supports and enhances its role as a valuable resource for professionals and students in architecture, engineering, and urban design.

The Routledge Companion to Paradigms of Performativity in Design and Architecture - Mitra Kanaani 2019-12-12

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.

Architectural and Building Construction Technology - United States. Office of Education 1969

Portable Architecture - Robert Kronenburg 2007-06-07

Ideal for those who have been commissioned, or are in competition, who want to learn about the very latest developments and trends in the area. New introductions to each section focus the remit of the book and make it a complete and comprehensive guide to the topic.

Heating, Cooling, Lighting - Norbert Lechner 2014-10-13

Sustainable environmental control through building design Heating, Cooling, and Lighting is the industry standard text on environmental control systems with the emphasis on sustainable design. By detailing the many factors that contribute to the comfort in a building, this book helps architects minimize mechanical systems and energy usage over the life of the building by siting, building design, and landscaping to maximize natural heating, cooling, and lighting. This new fourth edition includes new information on integrated design strategies and designing for the Tropics. Resources include helpful case studies, checklists, diagrams, and a companion website featuring additional cases, an image bank, and instructor materials. Designing buildings that require less energy to heat, cool, and light means allowing the natural energy of the sun and wind to reduce the burden on the mechanical and electrical systems. Basic design decisions regarding size, orientation, and form have a great impact on the sustainability, cost, and comfort of a building. Heating, Cooling, and Lighting provides detailed guidance for each phase of a design project. Readers will: Understand the concept of sustainability as applied to energy sources Review the basic principles of thermal comfort, and the critical role of climate Learn the fundamentals of solar responsive design, including active and passive solar systems as well as photovoltaics Discover how siting, architectural design, and landscaping can reduce the requirements for mechanical and electrical systems In sustainable design, mechanical, and electrical systems should be used to only accomplish what the architect could not by the design of the building itself. With this in mind, designers require a comprehensive understanding of both the properties of energy and the human factors involved in thermal comfort. Heating, Cooling, and Lighting is the complete, industry-leading resource for designers interested in sustainable environmental control.

Air-Conditioning in Modern American Architecture, 1890-1970 -

Joseph M. Siry 2021-03-25

Air-Conditioning in Modern American Architecture, 1890-1970, documents how architects made environmental technologies into resources that helped shape their spatial and formal aesthetic. In doing so, it sheds important new light on the ways in which mechanical engineering has been assimilated into the culture of architecture as one facet of its broader modernist project. Tracing the development and architectural integration of air-conditioning from its origins in the late nineteenth century to the advent of the environmental movement in the early 1970s, Joseph M. Siry shows how the incorporation of mechanical systems into modernism's discourse of functionality profoundly shaped the work of some of the movement's leading architects, such as Dankmar Adler, Louis Sullivan, Frank Lloyd Wright, Ludwig Mies van der Rohe, Gordon Bunshaft, and Louis Kahn. For them, the modernist ideal of functionality was incompletely realized if it did not wholly assimilate heating, cooling, ventilating, and artificial lighting. Bridging the history of technology and the history of architecture, Siry discusses air-conditioning's technical and social history and provides case studies of buildings by the master architects who brought this technology into the conceptual and formal project of modernism. A monumental work by a renowned expert in American modernist architecture, this book asks us to see canonical modernist buildings through a mechanical engineering-oriented lens. It will be especially valuable to scholars and students of architecture, modernism, the history of technology, and American history.

Integrated Buildings - Leonard R. Bachman 2002-12-23

An "anatomical" study of building systems integration with guidelines for practical applications Through a systems approach to buildings, *Integrated Buildings: The Systems Basis of Architecture* details the practice of integration to bridge the gap between the design intentions and technical demands of building projects. Analytic methods are introduced that illustrate the value, benefit, and application of systems integration, as well as guidelines for selecting technical systems in the conceptual, schematic, and design development stages of projects. Landmark structures such as Eero Saarinen's John Deere Headquarters, Renzo Piano's Kansai International Airport, Glenn Murcutt's Magney House, and Richard Rogers's Lloyd's of London headquarters are presented as part of an extensive collection of case studies organized into seven categories: Laboratories Offices Pavilions Green Architecture High Tech Architecture Airport Terminals Residential Architecture Advanced material is provided on methods of integration, including an overview of integration topics, the systems basis of architecture, and the integration potential of various building systems. An expanded case study of Ibsen Nelsen's design for the Pacific Museum of Flight is used to demonstrate case study methods for tracing integration through any work of architecture. Visually enhanced with more than 300 illustrations, diagrams, and photographs, *Integrated Buildings: The Systems Basis of Architecture* is a valuable reference guide for architecture and civil engineering students, as well as architects, engineers, and other professionals in the construction industry.

[Dictionary Catalog of the Art and Architecture Division](#) - New York Public Library. Art and Architecture Division 1975

AIA Guide to New York City - Norval White 2010-06-09

"The AIA Guide to New York City has been the ultimate single-volume guide to the City's architectural treasures."--Back cover.

Architecture and Building - 1893

Greenopia New York City - Nancy Arbuckle 2008-04

With more than 1,000 listings of green retailers, service providers, and organizations throughout the five boroughs of New York City, this guide is an indispensable reference for eco-friendly shopping. It also offers practical advice and environmental tips that can be easily used at home. Listings range from organic restaurants and grocery stores to dry cleaners, organic pest-control services, and sustainable building suppliers, such as landscapers and interior designers. All listings are vetted by a research team and then rescreened by local expert advisers, providing shoppers with confident, reliable choices. Some listings are further recognized with a "green leaf" award, which gauges green businesses on a scale of one to four leaves, four being the greenest. This guide is a truly complete resource for green living.

[Bibliography of Information on Air Conditioning](#) - United States. Bureau of Foreign and Domestic Commerce 1934

Routledge Handbook of Resilient Thermal Comfort - Fergus Nicol

2022-04-19

This book brings together some of the finest academics in the field to address important questions around the way in which people experience their physical environments, including temperature, light, air-quality, acoustics and so forth. It is of importance not only to the comfort people feel indoors, but also the success of any building as an environment for its stated purpose. The way in which comfort is produced and perceived has a profound effect on the energy use of a building and its resilience to the increasing dangers posed by extreme weather events, and power outages caused by climate change. Research on thermal comfort is particularly important not only for the health and well-being of occupants but because energy used for temperature control is responsible for a large part of the total energy budget of the built environment. In recent years there has been an increasing focus on the vulnerabilities of the thermal comfort system; how and why are buildings failing to provide safe and agreeable thermal environments at an affordable price? Achieving comfort in buildings is a complex subject that involves physics, behaviour, physiology, energy conservation, climate change, and of course architecture and urban design. Bringing together the related disciplines in one volume lays strong, multi-disciplinary foundations for new research and design directions for resilient 21st century architecture. This book heralds workable solutions and emerging directions for key fields in building the resilience of households, organisations and populations in a heating world.

The Routledge Companion to Biology in Art and Architecture -

Charissa N. Terranova 2016-08-12

The Routledge Companion to Biology in Art and Architecture collects thirty essays from a transdisciplinary array of experts on biology in art and architecture. The book presents a diversity of hybrid art-and-science thinking, revealing how science and culture are interwoven. The book situates bioart and bioarchitecture within an expanded field of biology in art, architecture, and design. It proposes an emergent field of biocreativity and outlines its historical and theoretical foundations from the perspective of artists, architects, designers, scientists, historians, and theoreticians. Includes over 150 black and white images.

Architecture - Martin van der Linden 2021-03-12

The question of what architecture is answered in this book with one sentence: Architecture is space created for human activities. The basic need to find food and water places these activities within a larger spatial field. Humans have learned and found ways to adjust to the various contextual difficulties that they faced as they roamed the earth. Thus rather than adapting, humans have always tried to change the context to their activities. Humanity has looked at the context not merely as a limitation, but rather as a spatial situation filled with opportunities that allows, through intellectual interaction, to change these limitations. Thus humanity has created within the world their own contextual bubble that firmly stands against the larger context it is set in. The key notion of the book is that architecture is space carved out of and against the context and that this process is deterministic.

The Innovative Use of Materials in Architecture and Landscape

Architecture - Caren Yglesias 2014-02-10

This book is about materials. The fundamental properties and technical aspects are reviewed within a context of a material's history, the theories of its meaning and making, and its use. Information about the sustainability aspects of each material is included (as a critical necessity in construction). Innovative design comes from an understanding of materials for what they are, how they have been used in the past, and how they can support human activity. The author provides essential information to students and professionals concerned with advancing their design at a time when the consumption of natural resources and the consequences of wasteful practices are of urgent concern. Instructors considering this book for use in a course may request an examination copy here.

Yearbook of the Architectural League of New York, and Catalogue of the ... Annual Exhibition - Architectural League of New York 1911

[Architectural Design and Regulation](#) - Rob Imrie 2011-01-21

From the earliest periods of architecture and building, architects' actions have been conditioned by rules, regulations, standards, and governance practices. These range from socio-cultural and religious codes seeking to influence the formal structure of settlement patterns, to prescriptive building regulations specifying detailed elements of design in relation to the safety of building structures. In *Architectural Design and Regulation* the authors argue that the rule and regulatory basis of architecture is part of a broader field of socio-institutional and political interventions in

the design and development process that serve to delimit, and define, the scope of the activities of architects. The book explores how the practices of architects are embedded in complex systems of rules and regulations. The authors develop the understanding that the rules and regulations of building form and performance ought not to be counterpoised as external to creative processes and practices, but as integral to the creation of well-designed places. The contribution of Architectural Design and Regulation is to show that far from the rule and regulatory basis of architecture undermining the capacities of architects to design, they are the basis for new and challenging activities that open up possibilities for reinventing the actions of architects.

Architectural Draftsman's Reference Handbook - Jack R. Lewis 1982

Presents information for the draftsman involved in residential or small commercial work or in student work. Consists of drawings with dimensions and tabular data for various projects. Useful information for the home remodeller. Sections include site work, concrete, masonry, metals, wood and plastics, thermal and moisture protection, doors and windows, finishes, specialties, equipment, furnishings, mechanical, conveying systems, electrical.

Fourth Supplemental National Defense Appropriation Bill for 1941 - United States. Congress. House. Committee on Appropriations 1941

Modern Architecture and Climate - Daniel A. Barber 2020-07-07

How climate influenced the design strategies of modernist architects. Modern Architecture and Climate explores how leading architects of the twentieth century incorporated climate-mediating strategies into their designs, and shows how regional approaches to climate adaptability were essential to the development of modern architecture. Focusing on the period surrounding World War II—before fossil-fuel powered air-conditioning became widely available—Daniel Barber brings to light a vibrant and dynamic architectural discussion involving design, materials, and shading systems as means of interior climate control. He looks at projects by well-known architects such as Richard Neutra, Le Corbusier, Lúcio Costa, Mies van der Rohe, and Skidmore, Owings, and Merrill, and the work of climate-focused architects such as MMM Roberto, Olgyay and Olgyay, and Cliff May. Drawing on the editorial projects of James Marston Fitch, Elizabeth Gordon, and others, he demonstrates how images and diagrams produced by architects helped conceptualize climate knowledge, alongside the work of meteorologists, physicists, engineers, and social scientists. Barber describes how this novel type of environmental media catalyzed new ways of thinking about climate and architectural design. Extensively illustrated with archival material, Modern Architecture and Climate provides global perspectives on modern architecture and its evolving relationship with a changing climate, showcasing designs from Latin America, Europe, the United States, the Middle East, and Africa. This timely and important book reconciles the cultural dynamism of architecture with the material realities of ever-increasing carbon emissions from the mechanical cooling systems of buildings, and offers a historical foundation for today's zero-carbon design.

A History of American Architecture - Mark Gelernter 2001

Presents a history of American architecture, from the first civilizations in America to the present.

Mall Maker - M. Jeffrey Hardwick 2010-03-09

The enclosed shopping mall, now so ubiquitous, was invented by one man: Victor Gruen. "Mall Maker" is the first biography of this visionary spirit.

Modern Schools - T. Hille 2011-04-04

Modern Schools: A Century of Design for Education is a comprehensive survey of modern K-12 schools from Frank Lloyd Wright to Morphosis—an in-depth design study that explores the fundamental relationship between architecture, education, and the design of contemporary learning environments. Its focus is on the underlying design themes and characteristic features that support and enhance basic aspects of learning and, in the process, create an architectural expression that is both meaningful and lasting. The breadth of its scope includes influences of contemporary educational ideas and practices, related design concepts and strategies, and most importantly, the resulting impact of both on real environments for learning. This remarkable survey and project study—the first of its kind—is an essential and important sourcebook for architects, school planners, educators, and anyone else interested in contemporary school design. The body of work presented, which is international in scope, underscores the unique architectural potential of this important project type, and highlights design themes that remain fundamentally relevant for architects and

designers today. Presentation material includes more than 900 contemporary and historical photographs, mostly in color, and more than 200 detailed architectural plans drawings of schools by many of the outstanding design architects of the modern era. Modern Schools: A Century of Design for Education features the work of more than 60 architects worldwide, including twentieth century masters Frank Lloyd Wright, Alvar Aalto, Marcel Breuer, Le Corbusier, and Eliel and Eero Saarinen, as well as contemporaries such as Morphosis, Coop Himmel(b)lau, Behnisch & Partners, and Patkau Architects, among many others.

Rise of the New York Skyscraper, 1865-1913 - Sarah Bradford Landau 1999-01-01

The invention of the New York skyscraper is one of the most fascinating developments in the history of architecture. This authoritative book chronicles the history of New York's first skyscrapers, challenging conventional wisdom that it was in Chicago and not New York that the skyscraper was born. 206 illustrations.

New York from the Air - Yann Arthus-Bertrand 2003-05-06

Offers photographs of the famous land marks, historic buildings, and local neighborhoods of New York providing a birds-eye-view of one of America's major cities, included in this edition are photographs of the World Trade Center.

American Architect - 1881

Weather Architecture - Jonathan Hill 2013-06-17

Weather Architecture further extends Jonathan Hill's investigation of authorship by recognising the creativity of the weather. At a time when environmental awareness is of growing relevance, the overriding aim is to understand a history of architecture as a history of weather and thus to consider the weather as an architectural author that affects design, construction and use in a creative dialogue with other authors such as the architect and user. Environmental discussions in architecture tend to focus on the practical or the poetic but here they are considered together. Rather than investigate architecture's relations to the weather in isolation, they are integrated into a wider discussion of cultural and social influences on architecture. The analysis of weather's effects on the design and experience of specific buildings and gardens is interwoven with a historical survey of changing attitudes to the weather in the arts, sciences and society, leading to a critical re-evaluation of contemporary responses to climate change.

Inland Architect and News Record - 1888

The American Architect and Building News - 1895

The Architecture of Ruins - Jonathan Hill 2019-03-25

The Architecture of Ruins: Designs on the Past, Present and Future identifies an alternative and significant history of architecture from the sixteenth century to the twenty-first century, in which a building is designed, occupied and imagined as a ruin. This design practice conceives a monument and a ruin as creative, interdependent and simultaneous themes within a single building dialectic, addressing temporal and environmental questions in poetic, psychological and practical terms, and stimulating questions of personal and national identity, nature and culture, weather and climate, permanence and impermanence and life and death. Conceiving a building as a dialogue between a monument and a ruin intensifies the already blurred relations between the unfinished and the ruined and envisages the past, the present and the future in a single architecture. Structured around a collection of biographies, this book conceives a monument and a ruin as metaphors for a life and means to negotiate between a self and a society. Emphasising the interconnections between designers and the particular ways in which later architects learned from earlier ones, the chapters investigate an evolving, interdisciplinary design practice to show the relevance of historical understanding to design. Like a history, a design is a reinterpretation of the past that is meaningful to the present. Equally, a design is equivalent to a fiction, convincing users to suspend disbelief. We expect a history or a novel to be written in words, but they can also be delineated in drawing, cast in concrete or seeded in soil. The architect is a 'physical novelist' as well as a 'physical historian'. Like building sites, ruins are full of potential. In revealing not only what is lost, but also what is incomplete, a ruin suggests the future as well as the past. As a stimulus to the imagination, a ruin's incomplete and broken forms expand architecture's allegorical and metaphorical capacity, indicating that a building can remain unfinished, literally and in the imagination, focusing attention on the creativity of users as well as

architects. Emphasising the symbiotic relations between nature and culture, a building designed, occupied and imagined as a ruin acknowledges the coproduction of multiple authors, whether human, non-human or atmospheric, and is an appropriate model for architecture in an era of increasing climate change.

Global Perspectives on Critical Architecture - Gevork Hartoonian 2016-03-03

Judging from the debates taking place in both education and practice, it appears that architecture is deeply in crisis. New design and production techniques, together with the globalization of capital and even skilled-labour, have reduced architecture to a commodified object, its aesthetic qualities tapping into the current pervasive desire for the spectacular. These developments have changed the architect's role in the design and production processes of architecture. Moreover, critical architectural theories, including those of Breton, Heidegger and Benjamin, which explored the concepts of technology, modernism, labour and capital and how technology informed the cultural, along with later theories from the 1960s, which focused more on the architect's theorization of his/her own design strategies, seem increasingly irrelevant. In an age of digital reproduction and commodification, these theoretical approaches need to be reassessed. Bringing together essays and interviews from leading scholars such as Kenneth Frampton, Peggy Deamer, Bernard Tschumi, Donald Kunze and Marco Biraghi, this volume investigates and critically addresses various dimensions of the present crisis of architecture. It poses questions such as: Is architecture a conservative cultural product servicing a given producer/consumer system? Should architecture's affiliative ties with capitalism be subjected to a measure of criticism that can be expanded to the entirety of the cultural realm? Is architecture's infusion into the cultural the reason for the visibility of architecture today? What room does the city leave for architecture beyond the present delirium of spectacle? Should the thematic of various New Left criticisms of capitalism be taken as the premise of architectural criticism? Or alternatively, putting the notion of criticality aside is it enough to confine criticism to the production of insightful and pleasurable texts?

New York Air - George Steinmetz 2018-09-25

Shooting in all seasons and from dawn to dusk, Steinmetz captures the thrilling complexity and romance of 21st-century New York, with its new skyline and waterfront landscape, dazzling contemporary architecture and historic buildings—along with parks and streets and rooftops used for every possible purpose, and the massive infrastructure that keeps it all going. Included are such iconic places as Central Park and Times Square, new landmarks such as the High Line and the September 11 Memorial, One World Trade Center and other additions to the exclusive list of the world's tallest buildings, and intriguing sites throughout the five boroughs. Steinmetz records some of the city's beloved traditions—such as the Rockefeller Center Christmas tree, the New York marathon, and the U.S. Open—but what makes his photographs special is their surprising intimacy, as they capture New Yorkers going about their lives in their remarkable city.

Heating, Cooling, Lighting - Norbert M. Lechner 2021-10-26

The essential guide to environmental control systems in building design For over 25 years *Heating, Cooling, Lighting: Sustainable Design Strategies Towards Net Zero Architecture* has provided architects and design professionals the knowledge and tools required to design a sustainable built environment at the schematic design stage. This Fifth Edition offers cutting-edge research in the field of sustainable architecture and design and has been completely restructured based on net zero design strategies. Reflecting the latest developments in codes, standards, and rating systems for energy efficiency, *Heating, Cooling, Lighting: Sustainable Design Strategies Towards Net Zero Architecture* includes three new chapters: *Retrofits: Best practices for efficient energy optimization in existing buildings* *Integrated Design: Strategies for synergizing passive and active design* *Design Tools: How to utilize the best tools to benchmark a building's sustainability and net zero potential* *Heating, Cooling, Lighting: Sustainable Design Strategies Towards Net Zero Architecture* is a go-to resource for practicing professionals and students in the fields of environmental systems technology or design, environmental design systems, construction technology, and sustainability technology.

Year Book of the Architectural League of New York and Catalogue of the ... Annual Exhibition - Architectural League of New York 1917