

Big Bjarke Ingels Group

The most wide-ranging, comprehensive and inclusive book on small-scale architecture ever published An inspiring, surprising and fun collection of 300 works of small-scale architecture including demountable, portable, transportable and inflatable structures as well as pavilions, installations, sheds, cabins, pods, capsules and tree houses.

"CLOG's first issue focuses on the Bjarke Ingels Group (BIG), a firm unique in that its rise and rapid output has kept pace with, and is inseparable from, online media. Having emerged from the dissolution of PLOT (the 2001-2005 partnership of Bjarke Ingels and Julien De Smedt), BIG is based in Copenhagen and has published 126+ projects in nearly every major architecture journal, design blog, and popular culture magazine, and has thus far completed nine buildings. In late 2010, BIG established its first full overseas office in New York City."--Page 7.

Ebook Volume 3 of 3. A comprehensive, state-of-the-art guide to site planning, covering planning processes, new technologies, and sustainability, with extensive treatment of practices in rapidly urbanizing countries. Ebook Volume 3 of 3. Cities are built site by site. Site planning—the art and science of designing settlements on the land—encompasses a range of activities undertaken by architects, planners, urban designers, landscape architects, and engineers. This book offers a comprehensive, up-to-date guide to site planning that is global in scope. It covers planning processes and standards, new technologies, sustainability, and cultural context, addressing the roles of all participants and stakeholders and offering extensive treatment of practices in rapidly urbanizing countries. Kevin Lynch and Gary Hack wrote the classic text on the subject, and this book takes up where the earlier book left off. It can be used as a textbook and will be an essential reference for practitioners. Site Planning consists of forty self-contained modules, organized into five parts: The Art of Site Planning, which presents site planning as a shared enterprise; Understanding Sites, covering the components of site analysis; Planning Sites, covering the processes involved; Site Infrastructure, from transit to waste systems; and Site Prototypes, including housing, recreation, and mixed use. Each module offers a brief introduction, covers standards or approaches, provides examples, and presents innovative practices in sidebars. The book is lavishly illustrated with 1350 photographs, diagrams, and examples of practice. Since its foundation in 2005, Bjarke Ingels Group - BIG have experienced remarkable growth producing urban scale projects such as the Google Campus and Amager Resource Center Containing 22 entries, this issue is divided between the larger works for which the firm is best known and smaller projects including residences and the Serpentine Pavilion This issue is devoted to Bjarke Ingels Group - BIG, who are engaged with projects both large and small in locations all over the world. Reflecting that diversity, the first half is devoted to large, urban-scale projects for which the practice is best known and the second half contains smaller projects, including residences and a pavilion. An interview with Bjarke Ingels examines how he approaches projects through form, function, site, circulation, direction, light, air, and materials. He is particularly interested in how architecture is influenced by contemporary life, including multicultural exchange, the global economy, and communication technology. The results of this analysis produce designs such as the Google Campus, Amager Resource Center, and Malaysia Square. Exploring these

projects and the source behind their ideas uncovers how the group has experienced remarkable growth since its foundation in 2005. Text in English and Japanese. Each day new articles, books, and reports present new methods, standards, and technologies for achieving sustainability in architecture. Additionally, new materials, technological gadgets, and data are increasingly considered the staples of architecture's future. As we increasingly embrace this techno-advancement, we must be equally aware that we may be pushing architecture into a managerial science and away from its core concerns such as expression, contextuality, functionality and aesthetics. Sustainable architecture that is focused on the abstract measurements of consumption, energy, and emissions loses sight of the vital role that architecture holds in our world: it is the field that creates our public spaces and our places of dwelling, of business, of production, of leisure, and creation. Additionally, it fails to comprehend the human dimension of buildings, as elements that are deeply connected to their sites' historic contexts and that play a key role in defining our social relations and our connection to the spaces we occupy and utilize. "Sustainable Architecture – Between Measurement and Meaning" takes a step back to reflect on how sustainability in the built environment can be theorized and practiced critically. This book exposes that architecture remains a human and social science that lies at the intersection of measurements and meanings. It reveals that sustainable architecture can still operate in a dialectic space of expression, rather than serving as a manifesto for either the technical or socio-cultural extremes. It purports that the human intuition, senses, and skills still holds the key to unravelling alternative futures of sustainable built spaces. And that most importantly, humans still have a place in sustainable architecture. This book will be of interest to students, early career scholars, established researchers and practitioners studying sustainability in the built environment. It can be used as a reference to those in the fields of design, architecture, landscape and urban design, urban studies, geography, social sciences, and engineering.

Architecture is the art and science of accommodating the lives we want to live. Our cities and buildings aren't givens; they are the way they are because that is as far as we have come to date. They are the best efforts of our ancestors and fellow planetizens, and if they have shortcomings, it is up to us to continue that effort, pick up where they left off. Bjarke Ingels Group's (BIG) grand mission is to find a pragmatic utopia, shaping not only a particular structural entity, but the kind of world we wish to inhabit. This book examines BIG's odyssey of architectural adaptation. As a team of architects, designers, builders and theoreticians, BIG's reputation and success is well known and widely respected. Architectural or urban design projects or in the research and development field, they are known to actively respond with creative and progressive concepts. This volume reveals their signature design philosophy through the detailed presentation of over 40 completed projects.

"A rose can rest in the casket for a thousand years without fading. An egg can remain there for centuries without going bad. A person could lie there for a hundred years, a thousand years, ten thousand years, completely protected from time." What happens when the world starts to fall apart, and no one will take responsibility for mending it? Sigrun's family, along with everyone else, finds refuge from the crisis in a new technology called TimeBox®, which lets you hibernate until the world's problems solve themselves. But Sigrun's TimeBox®

opens early, and she wakes to a city in chaos, overrun by nature. Sigrun joins a roving band of kids and a wise researcher named Grace, who tells them of the ancient kingdom of Pangea, and the greedy king who wanted to protect his daughter Obsidiana from pain, gloomy days, and growing older by putting her in a silken casket that time could not penetrate. But Obsidiana learns that sabotaging time is a dangerous business, with effects that ripple outward even to the present day. Sigrun realizes it's up to her and her friends to face the crisis, break the curse, and fix the world before it's too late! Winner of The Icelandic Literary Prize for Children and Young People's Books Winner of The Icelandic Booksellers Prize for Best Teenage Book of the Year Nominated for the Nordic Council Children and Young People's Literature Prize Winner of the The West Nordic Literature Prize Winner of the Reykjavik Children's Literature Prize "The story confronts the concept of time and twists old fairy-tale memories with a passionate creativity." —The Nordic Council Children and Young People's Literature Prize Citation "Andri Snær Magnason has created an intimate epic that floats effortlessly between genres as diverse as fairy tale and political commentary, science fiction and social realism. The Casket of Time spans the chasm between 'once upon a time' and 'have you heard the news today' in a way that makes his philosophical fable feel both timely and timeless." —Bjarke Ingels "The largest box of chocolate written in the Icelandic language that I have ever laid my hands on... This is confectionery for the mind!... This is a book for the 3 year old, the 30 year old, the 300 year old." —Audur Haraldsdóttir, Channel 2, National Radio (Iceland) "The power of story animates a tale that communicates—but is not overpowered by—urgent messages." — Kirkus Reviews This text examines the possibilities for scaling design solutions to global warming. The featured projects showcase leading-edge design innovations at multiple scales.

The newly updated guide to design process modeling techniques *Designing with Models*, Third Edition is the revised, step-by-step guide to basic and advanced design process modeling. This comprehensive text explains the process from start to finish, and has been expanded to include up-to-date information on digital modeling programs and rapid prototyping processes. The impact of this new wave of 3D modeling technology is examined through interviews and numerous examples from renowned architects. Along with many new student projects, this new Third Edition features information on cutting-edge digital imaging equipment and design software, as well as many new process models from celebrated professional projects. Architect Criss Mills acquaints architecture and design professionals with essential modeling terms, design processes, equipment, materials, and construction methods. Fully updated with nearly 200 new photos and twenty-six new projects from students and firms, *Designing with Models*, Third Edition walks readers through the basics of: Material and tool selection Construction techniques Determining scale Generating ideas Exploring design processes and alternatives Modifying design work directly on the model

Developing design work through modeling scale Offering increased emphasis on transitioning from hand craft to digital craft, this thorough Third Edition also provides easy-to-follow guidelines for modeling with advanced tools and materials, demonstrating how to: Master the modeling of curvilinear components with planar material and casting techniques Explore ideas with mixed media, such as wood, found objects, metal rods and screens, clay, and Plexiglas Work backwards from model information to produce 2D plan, section, and elevation drawings Record and communicate 3D design work Begin exploring the safe and effective use of power tools, such as belt sanders, table saws, drills, band saws, and welding equipment

According to the Secretary-General of the UN, Ban Ki-moon, the countries of the Nordic Region are the strongest countries in the UN's 70-year history. "This is a fact that commands respect and strengthens you as a region," he said. The individuals in this book, all of whom are active in various international arenas, are testament to the great interest in the Nordic Region and the fact that the global Nordic voice is now perhaps more important than ever.

The architects, designers, artists and others represented in Fifty Under Fifty are innovators of our time. After a world-wide search of 50 top architecture and design firms by the editors, lead author Beverly Russell along with Eva Maddox and Farooq Ameen help bring together a unique body of work; all partners in these firms will be 50 years old or under at the time of publication, and represent a forward-thinking generation of creative people, aware of global issues that urgently need solutions through imaginative design. A distinguished five-person jury presided over the final selection: Stanley Tigerman, founding partner, Tigerman McCurry, Chicago; Ralph Johnson, design principal, Perkins+Will, Chicago; Jeanne Gang, founder Gang Studio, Chicago; Marion Weiss, founding partner, WEISS/MANFREDI, New York; and Qingyun Ma, Dean of Architecture, University of Southern California, and founder MADA s.p.a.m., Shanghai and Beijing. The innovators featured in this impressive volume share with us, and the world, their desires for exponential learning; designs are illuminated with full-color photography and detailed illustrations, helping to showcase the innovators' individual curiosities, imaginations, and talents. This material shows how they bridge disciplines, respect cultural norms, respond to human needs regardless of costs, and how they adopt team transparency in their passion to create and solve problems with a clear mission. This highly anticipated book showcases honorees located across many different countries, including Bangladesh, Belgium, Brazil, China, Germany, India, Ireland, Japan, Mexico, The Netherlands, Norway, Spain, Sri Lanka, Sweden, Thailand, Turkey, and the United States. Significantly, a quarter of these innovators are women, representing the elevated leadership of women in architecture and design.

Contains, in a single volume, over 1,000 of the most outstanding works of architecture built since 2000. Features the work of internationally acclaimed architects alongside that of the next generation of emerging architectural stars,

and those unknown outside their own countries.

This inspiring book is a visual feast of global event designs which is a must for brand innovators and identity wizards. Happenings are very much still happening – more than enough reason to launch a sequel to our first event-themed title. In the age of social media, the event is becoming a mass-marketing campaign that targets a global audience. And its reach is far greater if it's both memorable and photogenic. Happening 2 covers over 60 stunning spectacles – from fashion shows to festivals and exhibitions to exclusive product launches – that leave lasting impressions. Events offer designers the perfect testing ground; they are ideal opportunities to experiment with spatial perception and sensory experiences. Happening 2 travels the globe to cover memorable moments by the likes of Bureau Betak, Bompas & Parr, MVRDV, Snarkitecture and teamLab, revealing how the designers translated their concepts from page to platform. The event industry monumentalises the fleeting, and Happening 2 does the same. The latest spectacular celebration from Architizer of the most inspiring contemporary architecture from around the globe. The Architizer A+Awards represent 2021's best architecture and products, celebrated by a diverse group of influencers within and outside the architectural community. Entries are judged by more than 400 luminaries from fields as diverse as fashion, publishing, product design, real-estate development, and technology, and voted on by the public, culminating in a collection of the world's finest buildings. Each year, winners are honored in this fully illustrated compendium, and on Architizer.com, the largest online architecture community on the planet. Featuring select A+Award winners, this is the definitive guide to the year's best buildings and spaces.

Computing the Environment presents practical workflows and guidance for designers to get feedback on their design using digital design tools on environmental performance. Starting with an extensive state-of-the-art survey of what top international offices are currently using in their design projects, this book presents detailed descriptions of the tools, algorithms, and workflows used and discusses the theories that underlie these methods. Project examples from Transsolar Klimaengineering, Buro Happold's SMART Group, Behnisch Behnisch Architects, Thomas Herzog, Autodesk Research are contextualized with quotes and references to key thinkers in this field such as Eric Winsberg, Andrew Marsh, Michelle Addington and Ali Malkawi.

The theme of the third edition of the Nordic Architects series, Global Impacts, can be interpreted broadly. Referring to the challenges faced by architects the world over to create buildings and cities that are sustainable and inclusive, it is a theme that has particular resonance in the world's northernmost regions, where many look to find benchmarks of innovation and problem-solving. Edited by David Sokol, each of the Nordic region's foremost architectural practices is presented through beautiful original imagery of their most iconic works, as well as insightful conversations with each architectural office.

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How do we imagine the cities of tomorrow? This is one of the most difficult questions that architects, designers, and urban planners need to answer in a time where more than half of the world's population lives in urban settlements – a mere century ago only

ten percent did. *Cities of Tomorrow* examines innovative urban proposals that will transform the way we live; projects that preserve the natural landscape with integral architecture and urbanism with deep connections to site, culture, and environment. These are concepts of hybrid urbanism that offer a juxtaposition of programs to live, work, and play for a hyper-mobile population.

This breathtaking new book, compiled by tall buildings specialist, Georges Binder, showcases more than 100 of the tallest buildings in China across more than 25 cities, including those towering over the megacities of Beijing, Shanghai and emerging supercities, such as Chengdu, Guangzhou and Tianjin. Georges Binder summarises the history of the Chinese tall building landscape from the 1930s to the present day, and features the best in contemporary design, including emerging architectural trends, showcasing each project with beautiful imagery and detailed plans. The book also delves into the hard architectural statistics and buildings' features with gritty detail. These skyscrapers are a fitting symbol of China's new-found prosperity, ambition and architectural flair.

The city is an always changing human experiment. But in the last half century, it has changed more than ever before - with little sign of slowing down. As this phenomenon takes place, an increasing number of architects, innovators and policy-makers are rethinking the city to make the most of space and resources. This book chronicles the design of urban futures. From apps designed to curb food waste to inventive fresh water infrastructure, *The Ideal City* explores the many initiatives and experiments, all with the shared goal of making the cities of tomorrow a happier, healthier and more inclusive place to be.

This book examines complex challenges in managing major strategic economic and social infrastructure projects. It is divided into four primary themes: value-based approach to infrastructure systems appraisal, enabling planning and execution, financing and contracting strategies for infrastructure systems and digitising major infrastructure delivery. Within these four themes, the chapters of the book cover: the value and benefits of infrastructure projects planning for resilient major infrastructure projects sustainable major infrastructure development and management, including during mega events improving infrastructure project financing stakeholder engagement and multi-partner collaborations delivering major infrastructure projects effectively and efficiently whole-life-cycle performance, operations and maintenance relationship risks on major infrastructure projects public-private partnerships, design thinking principles, and innovation and technology. By drawing on insights from their research, the editors and contributors bring a fresh perspective to the transformation of major strategic infrastructure projects. This text is designed to help policymakers and investors select and prioritise their infrastructure needs beyond the constraining logic of political cycles. It offers a practical set of recommendations for governments on attracting private capital for infrastructure projects while creating clear social and economic value for their citizens. Through theoretical underpinning, empirical data and in-depth informative global case studies, the book presents an essential resource for students, researchers, practitioners and policymakers interested in all aspects of strategic infrastructure planning, project management, construction management, engineering and business management.

Is there a Nordic identity? Does 'the Nordic way' exist? Can one, despite the tendency

of globalization to erase national and cultural differences, still understand identity as something associated with particular places? 'New Nordic' sets out to explore if certain specific 'Nordic' features reflect in architecture and, if so, how these manifest.

Thirty years after Douglas Coupland broke the fiction mould and defined a generation with Generation X, he is back with 60 stories laced with his observational profundity about the way we live and his existential worry about how we should be living. The characters are Doug's own: crackpots, cranks and sweetie-pies, dad dancers and perpetrators of barbecues. People in the grip of unconscionable urges; lonely people; dying people; silly people. Residence: Vancouver, B.C. Print run 10,000.

Following in the footsteps of Nanotecture, Mobitecture, and Pet-ecture, a fascinating and fun guide to everything inflatable Although inflatable objects have been around for more than 200 years, architects, artists, and designers keep rediscovering this deceptively simple – often playful, and occasionally bizarre – technology. Bubbleecture brings together inflatables in every conceivable size, shape, and hue across the realms of architecture, design, art, and fashion. From inflatable dresses and hats to buildings employing cutting-edge technologies, from ingenious chairs, lights, bowls, and even egg cups to children's toys and provocative art installations, Bubbleecture demonstrates that inflatable design is simply irresistible.

The metropolis of the future — as perceived by architect Hugh Ferriss in 1929 — was both generous and prophetic in vision. This illustrated essay on the modern city and its future features 59 illustrations.

Following up on the best-selling *Hot to Cold*, Bjarke Ingels Group breaks down their work across time in this ambitious multidisciplinary undertaking. This book is the companion to BIG's far-reaching exhibition and features conversations with the likes of Elon Musk and Ray Kurzweil. We explore the evolution of intelligence, communication, migration, and how architecture and design can literally give form to the future.

From the president and CEO of the Appalachian Mountain Club comes an astounding comprehensive plan to save our planet, make the outdoors the epicenter of our communities, and commit to an active outdoor lifestyle. In *The Outdoor Citizen*, John Judge coins the term “Outdoor Citizen” as he delivers an urgent call to action and a remarkably persuasive argument for why we must all become citizens of the natural world, reconnecting with life's most essential foundation, nature, and defending it, embracing it, and advocating for it. Judge, an international leader in conservation stewardship, covers such topics as how to turn our cities into Outdoor Cities, with a wide range of green spaces, outdoor recreation activities, eco-friendly transportation, and sustainable food sources; how to globally transition to green energy sources; what environmental policies must be implemented and how to enact them; and how to fund a sustainable economy. At a time when we are facing an unprecedented climate crisis, the continued use of carbon emissions will lead to devastating, irreversible effects on the earth. This unique and riveting volume, brimming with expert advice and case studies, is unparalleled—a game-changer for saving our planet and an entry point into a world of healthier and happier people.

New Museum Design provides a critical and compelling selective survey of contemporary international museum design since 2010. It provides an accessible and analytic review of the architectural landscape of museum and gallery design in the 2010s. The book comprises twelve case study museum and gallery projects from

across Europe, Asia, North America, Africa, the Middle East and Australia. Each built example is interrogated through an essay and a series of beautiful supporting illustrations and drawings. Where appropriate architectural analysis is cross-scale, extending from consideration of the artefact's encounter with museum space at the most intimate scale, through detailed architectural readings, to the wider perspective of urban/landscape response. Similarly, the book is not confined in its thematic or architectural 'typological' scope, including museums and art galleries, as well as remodellings, extensions and new build examples. *New Museum Design* provides a critical snapshot of contemporary international museum architecture, in order to: better understand reasons for the state of current practice; reveal and explore on-going themes and approaches in the field; and to point towards seminal future design directions. This book is essential reading for any student or professional interested in museum design.

At a time when environmental architecture is proliferating in all its forms around the world, adopting ever more complex sets of tools, this book provides an overview of the state of the field. It provides a critical introduction to the study of environmentalism in architecture. Written especially for students and researchers who work in the field of environmental architecture, this book reveals the spectrum of approaches practiced today. The text includes: An abridged history and overview of environmentalism in the field of architecture. A clear methodology for analyzing the included 29 cases, which can also be adopted for further guidance in a variety of architectural design projects. Assessments of 29 buildings: 10 libraries, 10 museums and 9 university buildings from around the world. *Analyzing Eco-Architecture: Beyond Performance* is essential reading for students, researchers and practitioners involved in the study and design of environmental architecture today.

An exhilarating, splendidly illustrated, entirely new look at the history of baseball: told through the stories of the vibrant and ever-changing ballparks where the game was and is staged, by the Pulitzer Prize-winning architectural critic. From the earliest corrals of the mid-1800s (Union Grounds in Brooklyn was a "saloon in the open air"), to the much mourned parks of the early 1900s (Detroit's Tiger Stadium, Cincinnati's Palace of the Fans), to the stadiums we fill today, Paul Goldberger makes clear the inextricable bond between the American city and America's favorite pastime. In the changing locations and architecture of our ballparks, Goldberger reveals the manifestations of a changing society: the earliest ballparks evoked the Victorian age in their accommodations--bleachers for the riffraff, grandstands for the middle-class; the "concrete donuts" of the 1950s and '60s made plain television's grip on the public's attention; and more recent ballparks, like Baltimore's Camden Yards, signal a new way forward for stadium design and for baseball's role in urban development. Throughout, Goldberger shows us the way in which baseball's history is concurrent with our cultural history: the rise of urban parks and public transportation; the development of new building materials and engineering and design skills. And how the site details and the requirements of the game--the diamond, the outfields, the walls, the grandstands--shaped our most beloved ballparks. A fascinating, exuberant ode to the Edens at the heart of our cities--where dreams are as limitless as the outfields.

The full-color, practical guide to designing sustainable residential landscapes and small-scale sites "Going green" is no longer a choice; it's a necessity. *Developed Landscapes*

have played a significant role in exacerbating the environmental and social problems that threaten humanity; however, they can also be part of the solution. *Designing the Sustainable Site: Integrated Design Strategies for Small-Scale Sites and Residential Landscapes* gives site designers and landscape architects the tools and information they need to become a driving force in the quest for sustainability. Advocating a regenerative design approach in which built landscapes sustain and restore vital ecological functions, this book guides readers through a design process for new and redeveloped sites that not only minimizes damage to the environment but also actively helps to repair it. *Designing the Sustainable Site*: Assists designers in identifying and incorporating sustainable practices that have the greatest positive impact on both the project and the surrounding community, within a regional context Uses photographs, sketches, and case studies to provide a comprehensive look at successful green landscape design Illustrates how sustainable practices are relevant and applicable to projects of any size or budget Demonstrates how built environments can protect and restore ecosystem services Explains the multiple and far-reaching benefits that sustainable design solutions can provide Assists project teams in fulfilling credit requirements of green building assessment tools, such as LEED, BREEAM, or SITES With attention to six global environmental challenges—including air pollution, urban flooding and water pollution, water shortages, invasive species, and loss of biodiversity—along with guidance on how to meet these challenges, *Designing the Sustainable Site* is a practical design manual for sustainable alternatives to small-scale site and residential landscape design.

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