
The Sustainable Sites Handbook A Complete Guide To The Principles Strategies And Best Practices For Sustainable Landscapes

Designing the Sustainable Site
Promoting Active Mobility
Impact Evaluation in Practice, Second Edition
Design Justice
A Complete Guide to Starting and Running Your Own Firm
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Integrated Design Strategies for Small Scale Sites and Residential Landscapes
Phyto
A Guide to Becoming More Innovative, Resilient and Successful
The Routledge Handbook of Urban Ecology
Landscape Architect's Portable Handbook
Principles, Guidelines, and Best Practices
A Complete Guide to the Principles, Strategies, and Best Practices for Sustainable Landscapes
Landscape Architecture Documentation Standards
The Better World Shopping Guide: 6th Edition
Routledge Handbook of Sustainable Product Design
Occupational Outlook Handbook
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Planning and Urban Design Standards
The Sustainable Business Handbook
The Sustainable Library's Cookbook
LEED v4 Practices, Certification, and Accreditation Handbook
The Routledge International Handbook of New Digital Practices in Galleries, Libraries, Archives, Museums and Heritage Sites
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The Circular Economy Handbook
Handbook of Sustainable Innovation
Reciprocal Landscapes
The Routledge Handbook of the Bioarchaeology of Climate and Environmental Change

A Showcase for Resilience and Sustainability
Integrated Design Strategies for Small Scale Sites and Residential Landscapes
A Handbook on Sustainable Urban Mobility and Spatial Planning
The Routledge Handbook of Sustainable Cities and Landscapes in the Pacific Rim
Community-Led Practices to Build the Worlds We Need

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Designing the Sustainable Site Routledge

The leading green building reference, updated with the latest advances in the field Sustainable Construction is the leading reference for the design, construction, and operation of high performance green buildings. With broad coverage including architecture, engineering, and construction, this book nevertheless delivers detailed information on all aspects of the green building process, from materials selection to building systems and more. This new fourth edition has been updated to reflect the latest codes and standards, including LEED v4, and includes new coverage of carbon accounting. The discussion has been updated to align with the current thinking on economics, climate change, net zero buildings, and more, with contributions by leaders in the field that illustrate the most recent shifts in thinking and practice. Ancillary materials including an instructor's manual and PowerPoint presentations for each chapter help bring this clear and up-to-date information into the classroom, making this book a valuable reference for working construction professionals. Also, Interactive graphics found throughout the course help activate the content and highlight key concepts for students. Sustainable construction has gone mainstream, and will one day be the industry norm. This book provides a comprehensive reference to all aspects of a project to show you how green building concepts and principles apply throughout the design and construction process. Get up to date on the latest green building codes and standards Learn about the newest technology in green building materials Adopt the best practices in procurement and delivery systems Apply sustainability concepts to all aspects of construction and design Green buildings operate at a very high level of efficiency, which is made possible only by

careful consideration every step of the way. Appropriate land use, landscaping, construction materials, siting, water use, and more all play a role in a structure's ultimate carbon footprint. Sustainable Construction provides clear guidance for all aspects of green building, including the most recent advances and the latest technology.

Promoting Active Mobility Routledge

The Living Landscape is a manifesto, resource, and textbook for architects, landscape architects, environmental planners, students, and others involved in creating human communities. Since its first edition, published in 1990, it has taught its readers how to develop new built environments while conserving natural resources. No other book presents such a comprehensive approach to planning that is rooted in ecology and design. And no other book offers a similar step-by-step method for planning with an emphasis on sustainable development. This second edition of The Living Landscape offers Frederick Steiner's design-oriented ecological methods to a new generation of students and professionals. The Living Landscape offers

- a systematic, highly practical approach to landscape planning that maximizes ecological objectives, community service, and citizen participation
- more than 20 challenging case studies that demonstrate how problems were met and overcome, from rural America to large cities
- scores of checklists and step-by-step guides
- hands-on help with practical zoning, land use, and regulatory issues
- coverage of major advances in GIS technology and global sustainability standards
- more than 150 illustrations.

As Steiner emphasizes throughout this book, all of us have a responsibility to the Earth and to our fellow residents on this planet to plan with vision. We are merely visiting this planet, he notes; we should leave good impressions.

Impact Evaluation in Practice, Second Edition Routledge

What if environmentally damaged landscapes could not only be remediated from an ecological standpoint, but also designed to replenish an entire community as well as the nature surrounding

it? The Handbook of Regenerative Landscape Design incorporates ecology, engineering, sociology, and design elements into a new paradigm for environmental restoration and the renewal of urban and cultural sites. This is the first resource in the field to examine the collaborative roles of scientists, landscape architects, and urban planners in transforming degraded landscapes into sustainable communities for both people and wildlife. Top practitioners and theorists from different fields and perspectives contribute innovative case studies that converge in their emphasis on new uses for reclaimed land, rather than a return to its original state. In addition, this book is one in only a handful to address the system conditions necessary for the repair of severely degraded landscapes, especially in an urban context. It elucidates the most suitable remediation strategies for treating degraded environments such as industrial landfills, mining sites, buried urban rivers, heavily polluted or effectively destroyed wetlands, Superfund sites, and abandoned factories. Bringing the perspectives of landscape architects, scientists, and urban planners to a wider audience, the Handbook of Regenerative Landscape Design demonstrates how ecological landscape restoration processes can facilitate sociological and urban renewal initiatives.

Design Justice Edward Elgar Publishing

The Sustainable Sites Handbook A Complete Guide to the Principles, Strategies, and Best Practices for Sustainable Landscapes John Wiley & Sons

[A Complete Guide to Starting and Running Your Own Firm](#)
Earthscan

Make your business more sustainable, and therefore more innovative and profitable, with this practical guide filled with case studies and 'top tips'.

[The Sustainable Sites Handbook](#) Routledge

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.

[The World Book Encyclopedia](#) Routledge

Get answers FAST with the *Landscape Architect's One-Stop, Take-It-Anywhere Guide* In the office or out on the job, the *Landscape Architect's Portable Handbook* puts the 20% of information you need 80% of the time at your fingertips! You get instant data for every architectural landscaping project: public and private gardens...athletic facilities...highways...urban/suburban settings...MORE! From project administration, planning, design standards and analysis to site development, construction, materials, field techniques, and common rules of thumb, hundreds of handy tables, diagrams and schematics, checklists and field guides give you the accurate how-to's and expertise you

need - ANYWHERE, ANYTIME! It packs easily in your briefcase, so you can cut down on time-consuming trips and calls between field and office, or get satisfyingly fast facts and guidelines when you're catching up on work at home. It's a distillation of the entire profession... and provides the perfect ASLA registration exam review. You get: * A framework for interpretation, conceptualization, evaluation, and communication at multiple scales, regardless of the type of landscape planning or design project * Standards, techniques and devices * Analysis-to-project administration guidelines and checklists * Step-by-step procedures * Mechanics and design calculations, formulas, worked examples and models * 193 clarifying illustrations -- from USDA plant hardiness zones to basic layouts and schematic diagrams...from approval processes flow charts to a CPM bar chart * 98 quick-check tables let you instantly pinpoint area space standards...tree mortality causes and remedies...recommended live loads for different decking uses and maximum decking spans...irrigation system selection criteria - and much, much more * Scores of easy-to-use, easy-to-remember rules of thumb * General unit cost factors for materials, systems, and construction * More! From the broad overall aspects of a project to the smallest detail, find the specific data you need on... Project Management; Permits; Site Selection and Clearing; Grading; Drainage; Decks; Fences; Lighting; Paving; Plants; Ponds; Pools; Retaining Walls; Billing; More

Landscape Architectural Graphic Standards John Wiley & Sons

"A 22-volume, highly illustrated, A-Z general encyclopedia for all ages, featuring sections on how to use World Book, other research aids, pronunciation key, a student guide to better writing, speaking, and research skills, and comprehensive index"--
[Sustainable Construction](#) McGraw Hill Professional

Winner of the 2017 CBHL Literature Award of Excellence in Landscape Design and Architecture Phyto presents the concepts of phytoremediation and phytotechnology in one comprehensive guide, illustrating when plants can be considered for the uptake, removal or mitigation of on-site pollutants. Current scientific case studies are covered, highlighting the advantages and limitations of plant-based cleanup. Typical contaminant groups found in the built environment are explained, and plant lists for mitigation of specific contaminants are included where applicable. This is the first book to address the benefits of phytotechnologies from a

design point of view, taking complex scientific terms and translating the research into an easy-to-understand reference book for those involved in creating planting solutions. Typically, phytotechnology planting techniques are currently employed post-site contamination to help clean up already contaminated soil by taking advantage of the positive effects that plants can have upon harmful toxins and chemicals. This book presents a new concept to create projective planting designs with preventative phytotechnology abilities, 'phytobuffering' where future pollution may be expected for particular site programs. Filled with tables, photographs and detailed drawings, Kennen and Kirkwood's text guides the reader through the process of selecting plants for their aesthetic and environmental qualities, combined with their contaminant-removal benefits.

Materials for Sustainable Sites Kogan Page

This publication has been designed to assist member States in integrating transport, health, quality of life and environmental objectives into urban and spatial planning policies. It provides many references to case studies, good practices and examples from cities across the Euro-Asian region (and beyond) covering a wide array of thematic areas, including: the future of sustainable urban mobility; spatial planning in function of sustainable urban mobility and accessibility; public transport planning as a cornerstone of sustainable urban mobility; active mobility and how it promotes health and the environment; and the potential of Intelligent Transport Systems in an urban context. The publication puts forward a methodology for sustainable urban transport planning and introduces a concise set of key messages and recommendations as an input to the Fifth High-level Meeting on Transport, Health and Environment which takes place in Vienna from 26-27 November 2020.

[Realizing the Circular Advantage](#) DIANE Publishing

Landscape Architectural Graphic Standards is an entirely new, definitive reference work for everyone involved with landscape architecture, design, and construction. Based on the 70-year success of *Architectural Graphic Standards*, this new book is destined to become the?bible? for the landscape field.

Informing Context-Sensitive and Sustainable Site Planning and Design Island Press

The *Handbook of Sustainable Innovation* maps the multiple lineages of research and understanding that constitute academic

work on how technological change relates to sustainable practices of production and consumption. Leading academics contribute by mapping the general evolution of this academic field, our understanding of sustainable innovation at the firm, user, and systems level, the governance of sustainable innovation, and the methodological approaches used. The Handbook explores the distinctiveness of sustainable innovation and concludes with suggestions for generating future research avenues that exploit the current diversity of work while seeking increased systemic insight.

Integrated Design Strategies for Small Scale Sites and Residential Landscapes John Wiley & Sons

Small enough to fit in your pocket, this practical little book will help you change the world as you shop! While we strive to make our vote count every four years, few of us realize that our most immediate power to shape the world is squandered on a daily basis. Every dollar we spend has the potential to create social and environmental change. In fact, it already has. The world that exists today is in large part a result of our purchasing decisions. The Better World Shopping Guide rates hundreds of products and services from A to F, so you can quickly tell the "good guys" from the "bad guys" and ensure your money is not supporting corporations that make decisions based solely on the bottom line. Drawing on decades of meticulous research, this completely revised and updated sixth edition will help you find out who actually "walks the talk" when it comes to: Environmental sustainability Human rights Community involvement Animal protection Social justice Small enough to fit in a back pocket or handbag and organized in a user-friendly format, The Better World Shopping Guide helps you reward companies who are doing good, penalize those involved in destructive activities, and change the world as you shop! Ellis Jones, PhD is the award-winning, bestselling author of five previous editions of The Better World Shopping Guide, and co-author of The Better World Handbook. A scholar of social responsibility, global citizenship, and everyday activism, he has dedicated himself to uncovering practical ways for people to make a difference in the world. He currently teaches at Holy Cross College in Worcester, MA. *Phyto* Elsevier

The new student edition of the definitive reference on urban planning and design Planning and Urban Design Standards,

Student Edition is the authoritative and reliable volume designed to teach students best practices and guidelines for urban planning and design. Edited from the main volume to meet the serious student's needs, this Student Edition is packed with more than 1,400 informative illustrations and includes the latest rules of thumb for designing and evaluating any land-use scheme--from street plantings to new subdivisions. Students find real help understanding all the practical information on the physical aspects of planning and urban design they are required to know, including: * Plans and plan making * Environmental planning and management * Building types * Transportation * Utilities * Parks and open space, farming, and forestry * Places and districts * Design considerations * Projections and demand analysis * Impact assessment * Mapping * Legal foundations * Growth management preservation, conservation, and reuse * Economic and real estate development Planning and Urban Design Standards, Student Edition provides essential specification and detailing information for various types of plans, environmental factors and hazards, building types, transportation planning, and mapping and GIS. In addition, expert advice guides readers on practical and graphical skills, such as mapping, plan types, and transportation planning. *A Guide to Becoming More Innovative, Resilient and Successful* John Wiley & Sons

The Sustainability Handbook covers all the challenges, complexities and benefits of sustainability for businesses, governments and other organizations. It provides a blueprint for how organizations can reach or exceed economic, social and environmental excellence. It offers a host of practical approaches and tools including a model sustainability policy for organizations, summaries of sustainability codes and tips on selecting them, an extensive collection of metrics and a wealth of supplementary reference material. This is the essential reference for every organization in pursuit of sustainability.

The Routledge Handbook of Urban Ecology John Wiley & Sons

There is a growing interest in the use of wood in new building, not least because it has low embodied energy and it is an infinitely renewable resource. Despite a great deal of innovation in the use of wood in construction in recent years, the fundamentals of using this natural material have not really changed: the different types of wood have different properties and differing responses to the

environment in which they are used. When used correctly, wood is an excellent building material but when inappropriately specified or used, it may cause problems. Poor understanding of the properties of wood and the many species and grades that are commercially available can result in this versatile material performing below expectation, and certainly less well than could have been achieved with greater understanding about how best to use it. How Wood Works is a combination of the author's two previous books, into one comprehensive volume. Revised and updated material to deal with the essentials of structural design and building in timber, in a sustainable manner while reflecting on changes in Standards and other Regulations and expanding on certain technical areas - such as more detailed wood science and wood structure.

Landscape Architect's Portable Handbook UNESCO Publishing

"This handbook addresses a growing list of challenges faced by regions and cities in the Pacific Rim, drawing connections around the what, why, and how questions that are fundamental to sustainable development policies and planning practices. These include the connection between cities and surrounding landscapes, across different boundaries and scales; the persistence of environmental and development inequities; and the growing impacts of global climate change, including how physical conditions and social implications are being anticipated and addressed. Building upon localized knowledge and contextualized experiences, this edited collection brings attention to place-based approaches across the Pacific Rim and makes an important contribution to the scholarly and practical understanding of sustainable urban development models that have mostly emerged out of the Western experiences. Nine sections, each grounded in research, dialogue and collaboration with practical examples and analysis, focus on a theme or dimension that carry critical impacts on a holistic vision of city-landscape development, such as resilient communities, ecosystem services and biodiversity, energy, water, health, and planning and engagement. This international edited collection will appeal to academics and students engaged in research involving landscape architecture, architecture, planning, public policy, law, urban studies, geography, environmental science, and area studies. It also informs policy makers, professionals, and advocates of actionable knowledge and adoptable ideas by

connecting those issues with United Nation's sustainable development goals. The collection of writings presented in this book speaks to multiyear collaboration of scholars through the APRU Sustainable Cities and Landscapes (SCL) Program and its global network, facilitated by SCL Annual Conferences and involving more than 100 contributors from more than 30 institutions"--

Principles, Guidelines, and Best Practices Butterworth-Heinemann

The Leading Guide To Site Design And Engineering—Revised And Updated Site Engineering for Landscape Architects is the top choice for site engineering, planning, and construction courses as well as for practitioners in the field, with easy-to-understand coverage of the principles and techniques of basic site engineering for grading, drainage, earthwork, and road alignment. The Sixth Edition has been revised to address the latest developments in landscape architecture while retaining an accessible approach to complex concepts. The book offers an introduction to landform and the language of site design, and explores the site engineering concepts essential to practicing landscape architecture today—from interpreting landform and contour lines, to designing horizontal and vertical road alignments, to construction sequencing, to designing and sizing storm water management systems. Integrating design with construction and implementation processes, the authors enable readers to gain a progressive understanding of the material. This edition contains completely revised information on stormwater management and green infrastructure, as well as many new and updated case studies. It also includes updated coverage of stormwater management systems design, runoff calculations, and

natural resource conservation. Graphics throughout the book have been revised to bring a consistent, clean approach to the illustrations. Perfect for use as a study guide for the most difficult section of the Landscape Architect Registration Exam (LARE) or as a handy professional reference, *Site Engineering for Landscape Architects, Sixth Edition* gives readers a strong foundation in site development that is environmentally sensitive and intellectually stimulating.

A Complete Guide to the Principles, Strategies, and Best Practices for Sustainable Landscapes John Wiley & Sons

The second edition of the *Impact Evaluation in Practice* handbook is a comprehensive and accessible introduction to impact evaluation for policy makers and development practitioners. First published in 2011, it has been used widely across the development and academic communities. The book incorporates real-world examples to present practical guidelines for designing and implementing impact evaluations. Readers will gain an understanding of impact evaluations and the best ways to use them to design evidence-based policies and programs. The updated version covers the newest techniques for evaluating programs and includes state-of-the-art implementation advice, as well as an expanded set of examples and case studies that draw on recent development challenges. It also includes new material on research ethics and partnerships to conduct impact evaluation. The handbook is divided into four sections: Part One discusses what to evaluate and why; Part Two presents the main impact evaluation methods; Part Three addresses how to manage impact evaluations; Part Four reviews impact evaluation sampling and data collection. Case studies illustrate different applications of impact evaluations. The book links to complementary

instructional material available online, including an applied case as well as questions and answers. The updated second edition will be a valuable resource for the international development community, universities, and policy makers looking to build better evidence around what works in development.

Landscape Architecture Documentation Standards New Society Publishers

An exploration of how design might be led by marginalized communities, dismantle structural inequality, and advance collective liberation and ecological survival. What is the relationship between design, power, and social justice? "Design justice" is an approach to design that is led by marginalized communities and that aims explicitly to challenge, rather than reproduce, structural inequalities. It has emerged from a growing community of designers in various fields who work closely with social movements and community-based organizations around the world. This book explores the theory and practice of design justice, demonstrates how universalist design principles and practices erase certain groups of people—specifically, those who are intersectionally disadvantaged or multiply burdened under the matrix of domination (white supremacist heteropatriarchy, ableism, capitalism, and settler colonialism)—and invites readers to "build a better world, a world where many worlds fit; linked worlds of collective liberation and ecological sustainability." Along the way, the book documents a multitude of real-world community-led design practices, each grounded in a particular social movement. *Design Justice* goes beyond recent calls for design for good, user-centered design, and employment diversity in the technology and design professions; it connects design to larger struggles for collective liberation and ecological survival.

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