

Garden Design Springer

For over a decade, Lauren Springer and Rob Proctor have been good friends and garden writing colleagues. In *Passionate Gardening*, readers will be entertained, informed, and inspired by the pair's practical wisdom, wit, and tales of perseverance. Gardeners who live in challenging climates where extremes of temperatures, wind, and more are the norm. Garden success depends on the most appropriate plant selections, the best gardening techniques, and maximizing the seasons. Every subject the authors tackle—from early snows to slugs, from bulbs to botanical Latin—urges readers to make the most of the gardens they tend. *Passionate Gardener* takes the gardener through the season in a most comprehensive, yet pleasurable and accessible way, as the authors celebrate a diversity of plants for every site and every season. The champion sound, ecologically friendly gardening techniques, from soil and water issues to pest management. They also offer up stories of their horticultural adventures as their personal gardens have evolved, making this lively, information-packed reading with a personal, real touch. Hailed by critics and fellow garden writers as among the top American garden writers of today, Lauren and Rob have translated their shared passion for gardening into gardens that thrive beautifully and into a new book that will raise the spirits, expectations, and results of all those who read it. With its mixture of sparkling essays and lush photographs, *Passionate Gardening* is an indispensable guide for both budding and seasoned gardeners. This book is intended for textile designers, fashion designers, and for those interested in the integration of graphic design with textile surface printing. The book discusses how abstract graphic designs with intense color palette range work on different types of fabrics, will be beneficial for designers. The book provides beautiful illustrations of abstract designs that can be used directly for textile printing and also acts as inspiration (or motivation) for development of new designs. Abstract designs represent an accurate depiction of a visual reality and uses shapes, colors and forms to achieve its effect. This book provides illustrations that show the importance of color and color combinations with bright, warm and dull colors. The book presents flawless illustrations with great harmony between the diverse shapes and overall color combinations. All the illustrations in this book are explained briefly. The illustrations can also be used in other areas like wall paper design, packaging design, ceramic design and many more.

Seven years have passed since the publication of the previous edition of this book. During that time, sensor technologies have made a remarkable leap forward. The sensitivity of the sensors became higher, the dimensions became smaller, the sensitivity became better, and the prices became lower. What have not changed are the fundamental principles of the sensor design. They are still governed by the laws of Nature. Arguably one of the greatest geniuses who ever lived, Leonardo Da Vinci, had his own peculiar way of praying. He was saying, "Oh Lord, thanks for Thou do not violate your own laws." It is comforting indeed that the laws of Nature do not change as time goes by; it is just our appreciation of them that is being re?ned. Thus, this new edition examines the same good old laws of Nature that are employed in the designs of various sensors. This has not changed much since the previous edition. Yet, the sections that describe the practical designs are revised substantially. Recent ideas and developments have been added, and less important and nonessential designs were dropped. Probably the most dramatic recent progress in the sensor technologies relates to wide use of MEMS and MEOMS (micro-electro-mechanical systems and micro-electro-opto-mechanical systems). These are examined in this new edition with greater detail. This book is about devices commonly called sensors. The invention of a - croprocessor has brought highly sophisticated instruments into our everyday lives.

This book provides an interdisciplinary overview of the role of gardens in cities throughout different historical periods. It shows that, thanks to various forms of spatial and social organisation, gardens are part of the material urban landscape, biodiversity, symbolic and social shape, and assets of our cities, and are increasingly becoming valued as an 'order' to follow. Gardens have long been part of the development of cities, serving different purposes through the ages: shaping neighborhoods to promote health or hygiene, introducing aesthetic or biological elements, gathering the citizens around a social purpose, and providing food and diversity in times of crisis. Highlighting examples that can serve as the basis for comparisons, the chapters offer a brief panorama of experiences and models of gardens in the city – in the European context and in various periods of history – while also discussing issues related to garden cities, urban agriculture and community gardens. The contributors are university staff from various disciplines in the human and life sciences, in discourse with other academics but also with practitioners who are interested in experiences with urban gardens and in promoting an awareness of their spatial, social and 'philosophical' goals throughout history. The book will appeal to urban geographers, sociologists and historians, but also to urban ecologists dealing with ecosystem services, biodiversity and sustainable development in cities. From a more operational standpoint, landscape planners and architects are sure to find many of the projects enlightening and inspirational.

Presents a guide to creating a garden in such unused spaces as land beside a driveway, next to steps, or between the sidewalk and the street curb, discussing how to prepare the soil and listing the varieties of plants suitable for these conditions.

Planning and Designing Sustainable and Resilient Landscapes

Landscape Planning and Management in Contemporary Iran

Automotive Transmissions

The Singapore Story

Shaping the City with Gardens Through History

Plant-driven Design

Almost every amateur astronomer who has taken the pursuit to its second level aspires to a fixed, permanent housing for his telescope, permitting its rapid and comfortable use avoiding hours of setting-up time for each observing session. A roll-off roof observatory is the simplest and by far the most popular observatory design for today's practical astronomers. Building a Roll-off Roof Observatory is unique, covering all aspects of designing a roll-off roof observatory: planning the site, viewing requirements, conforming to by-laws, and orientation of the structure. The chapters outline step-by-step construction of a typical building. The author, both an amateur astronomer and professional landscape architect, is uniquely qualified to write this fully-detailed book. A professionally designed roll-off observatory could cost as much as \$3000 just for the plans – which are provided free with Building a Roll-off Roof Observatory.

DIVToday, there is a growing demand for designed landscapes—from public parks to backyards—to be not only beautiful and functional, but also sustainable. Sustainability means more than just saving energy and resources. It requires integrating the landscapes we design with ecological systems. With *Principles of Ecological Landscape Design*, Travis Beck gives professionals and students the first book to translate the science of ecology into design practice. DIV DIVThis groundbreaking work explains key ecological concepts and their application to the design and management of sustainable landscapes. It covers biogeography and plant selection, assembling plant communities, competition and coexistence, designing ecosystems, materials cycling and soil ecology, plant-animal interactions, biodiversity and stability, disturbance

and succession, landscape ecology, and global change. Beck draws on real world cases where professionals have put ecological principles to use in the built landscape. DIV DIVThe demand for this information is rising as professional associations like the American Society of Landscape Architects adopt new sustainability guidelines (SITES). But the need goes beyond certifications and rules. For constructed landscapes to perform as we need them to, we must get their underlying ecology right. Principles of Ecological Landscape Design provides the tools to do just that.

In *New Naturalism*, horticulturist and modern plantsman Kelly D. Norris shares his inspiring, ecologically sound vision for home gardens created with stylish yet naturalistic plantings that mimic the wild spaces we covet, such as meadows, prairies, woodlands, and streamsides—far from the contrived, formal, high-maintenance plantings of the past. Through a basic introduction to plant biology and ecology, you'll learn how to design and grow a lush, thriving home garden by harnessing the power of plant layers and palettes defined by nature, not humans. The next generation of home landscapes don't consist of plants in a row, pruned to perfection and reliant on pesticides, fertilizers, and herbicides to survive. Instead, today's stunning landscapes convey nature's inherent beauty. These gardens are imbued with romance and emotion, yet they have so much more to offer than their gorgeous aesthetics. Naturalistic garden designs, such as those featured in this groundbreaking new book, contribute to positive environmental change by increasing biodiversity, providing a refuge for wildlife, and reconnecting humans to nature. In the pages of *New Naturalism* you'll find: Planting recipes for building meadows, prairies, and other grassland-inspired open plantings even in compact, urban settings Nature-inspired ways to upgrade existing foundation plantings, shrub beds, and flower borders to a wilder aesthetic while still managing the space Inspiration for taking sidewalk and driveway plantings and turning them into visually soft, welcoming spaces for humans and wildlife alike Ideas for turning shady landscapes into canopied retreats that celebrate nature Creative ways to make an ecologically vibrant garden in even the smallest of spaces *New Naturalism* approaches the planting beds around our homes as ecological systems. If properly designed and planted, these areas can support positive environmental change, increase plant and animal diversity, and create a more resilient space that's less reliant on artificial inputs. And they do it all while looking beautiful and improving property values.

This open access book traces the development of landscapes along the 414-kilometer China–Laos Railway, one of the first infrastructure projects implemented under China's Belt and Road Initiative (BRI) and which is due for completion at the end of 2021. Written from the perspective of landscape architecture and intended for planners and related professionals engaged in the development and conservation of these landscapes, this book provides history, planning pedagogy and interdisciplinary framing for working alongside the often-opaque planning, design and implementation processes of large-scale infrastructure. It complicates simplistic notions of development and urbanization frequently reproduced in the Laos–China frontier region. Many of the projects and sites investigated in this book are recent "firsts" in Laos: Laos's first wildlife sanctuary for trafficked endangered species, its first botanical garden and its first planting plan for a community forest. Most often the agents and accomplices of neoliberal development, the planning and design professions, including landscape architecture, have little dialogue with either the mainstream natural sciences or critical social sciences that form the discourse of projects in Laos and comparable contexts. Covering diverse conceptions and issues of development, including cultural and scientific knowledge exchanges between Laos and China, nature tourism, connectivity and new town planning, this book also features nine planning proposals for Laos generated through this research initiative since the railway's groundbreaking in 2016. Each proposal promotes a wider "landscape approach" to development and deploys landscape architecture's spatial and ecological acumen to synthesize critical development studies with the planner's capacity, if not naive predilection, to intervene on the ground. Ultimately, this book advocates the cautious engagement of the professionally oriented built-environment disciplines, such as regional planning, civil engineering and landscape architecture, with the landscapes of development institutions and environmental NGOs.

This open access book highlights Singapore's development into a city in which water and greenery, along with associated environmental, technical, social and political aspects have been harnessed and cultivated into a liveable sustainable way of life. It is also a story about a unique and thoroughgoing approach to large-scale and potentially transferable water sustainability, within largely urbanized circumstances, which can be achieved, along with complementary roles of environmental conservation, ecology, public open-space management and the greening of buildings, together with infrastructural improvements.

Six Seasons of Beauty, Bounty, and Blooms

Statistical Design

Meditations on Killing and Eating

Ecoregional Green Roofs

Gardens, Knowledge and the Sciences in the Early Modern Period

European Elites and Ideas of Empire, 1917-1957

Hellstrip Gardening

"I can't imagine a designer or avid gardener who wouldn't want this on their bookshelf." —*Garden Design Online* *Waterwise Plants for Sustainable Gardens* is a practical guide to the best 200 plants guaranteed to thrive in low-water gardens. Plant entries provide the common and botanical name, the regions where the plant is best adapted, growth and care information, and notes on pests and disease. This practical and inspiring guide includes a variety of plants, from trees to succulents, perennials to bulbs, all selected for their wide adaptability and ornamental value. Companion plants, creative design ideas, and full color photography make this guide a must-have resource for any sustainable gardener.

Passionate Gardening Good Advice for Challenging Climates Fulcrum Publishing

This book focuses on the global quality of the design of systems that people interact with during their work activities and daily lives; a quality that involves the globality of people's experience – physical, sensory, cognitive and emotional. It presents a concise and structured overview of the ergonomic approach to planning, and of methodological and operational tools from ergonomic research that can more directly and concretely contribute to the design process. The book also explores physical ergonomics and cognitive ergonomics, which are essential components of design culture. The final section addresses the main design problems and intervention criteria regarding the design of environments, products and equipment, as well as the design of communication, training and learning interface systems based on digital technologies. The book is chiefly intended for designers and anyone interested in the methods, tools and opportunities for in-depth analysis and development that ergonomics can offer regarding the conception, production and testing of products, environments and services, whether physical or virtual. It also offers a learning resource for professionals and students in Industrial Design and Planning.

Although statistical design is one of the oldest branches of statistics, its importance is ever increasing. This book describes the principles that underpin good design, paying attention to both the theoretical background and the problems arising from real experimental situations.

This book studies the application of green roofs in ecoregions of the western United States and Canada. While green roofs were intended to sustain local or regional vegetation, this volume describes how green roofs in their modern form are typically planted with a low-diversity mix of sedums from Europe or Asia. The authors demonstrate how in the western USA and Canada many green roofs have been designed with native plants and have been found to thrive. Part I of this book covers theory and an overview of ecoregions and their implications for green

roofs. In Part II vegetation from prairies, deserts, montane meadows, coastal meadows, and scrub and sub-alpine habitats are explored on seventy-three ecoregional green roofs. Case studies explore design concepts, materials, watering and maintenance, wildlife, plant species, and lessons learned. Part III covers an overview of ecoregional green roofs and a future outlook. This book is aimed at professionals, designers, researchers, students and educators with an interest in green roofs and the preservation of biodiversity.

Microseismic Monitoring and Geomechanical Modelling of CO2 Storage in Subsurface Reservoirs

Springer Mountain

Pretty Tough Plants

Design of Observational Studies

Building a Roll-Off Roof Observatory

A City in Blue and Green

135 Resilient, Water-Smart Choices for a Beautiful Garden

This engaging and clearly written textbook/reference provides a must-have introduction to the rapidly emerging interdisciplinary field of data science. It focuses on the principles fundamental to becoming a good data scientist and the key skills needed to build systems for collecting, analyzing, and interpreting data. The *Data Science Design Manual* is a source of practical insights that highlights what really matters in analyzing data, and provides an intuitive understanding of how these core concepts can be used. The book does not emphasize any particular programming language or suite of data-analysis tools, focusing instead on high-level discussion of important design principles. This easy-to-read text ideally serves the needs of undergraduate and early graduate students embarking on an "Introduction to Data Science" course. It reveals how this discipline sits at the intersection of statistics, computer science, and machine learning, with a distinct heft and character of its own. Practitioners in these and related fields will find this book perfect for self-study as well. Additional learning tools: Contains "War Stories," offering perspectives on how data science applies in the real world Includes "Homework Problems," providing a wide range of exercises and projects for self-study Provides a complete set of lecture slides and online video lectures at www.data-manual.com Provides "Take-Home Lessons," emphasizing the big-picture concepts to learn from each chapter Recommends exciting "Kaggle Challenges" from the online platform Kaggle Highlights "False Starts," revealing the subtle reasons why certain approaches fail Offers examples taken from the data science television show "The Quant Shop" (www.quant-shop.com)

Drawing on years of investigative reporting, Wyatt Williams offers a powerful look at why we kill and eat animals. In order to understand why we eat meat, the restaurant critic and journalist investigated factory farms, learned to hunt game, worked on a slaughterhouse kill floor, and partook in Indigenous traditions of whale eating in Alaska. In *Springer Mountain*, he tells about his experiences while charting the history of meat eating and vegetarianism. Williams shows how mysteries springing up from everyday experiences can lead us into the big questions of life while examining the irreconcilable differences between humans and animals. *Springer Mountain* is a thought-provoking work, one that reveals how what we eat tells us who we are.

Explores European civilisation as a concept of twentieth-century political practice and the project of a transnational network of European elites. Available as Open Access.

"Gardenmaking, in its finest form, is a celebration of life and of love. David and his book epitomize this." —Lauren Springer Ogden Brandywine Cottage is David Culp's beloved two-acre Pennsylvania garden where he mastered the design technique of layering—interplanting many different species in the same area so that as one plant passes its peak, another takes over. The result is a nonstop parade of color that begins with a tapestry of heirloom daffodils and hellebores in spring and ends with a jewel-like blend of Asian wildflowers at the onset of winter. The *Layered Garden* shows you how to recreate Culp's majestic display. It starts with a basic lesson in layering—how to choose the correct plants by understanding how they grow and change throughout the seasons, how to design a layered garden, and how to maintain it. To illustrate how layering works, Culp takes you on a personal tour through each part of his celebrated garden: the woodland garden, the perennial border, the kitchen garden, the shrubbery, and the walled garden. The book culminates with a chapter dedicated to signature plants for all four seasons.

This book introduces readers to the theory, design and applications of automotive transmissions. It covers multiple categories, e.g. AT, AMT, CVT, DCT and transmissions for electric vehicles, each of which has its own configuration and characteristics. In turn, the book addresses the effective design of transmission gear ratios, structures and control strategies, and other topics that will be of particular interest to graduate students, researchers and engineers. Moreover, it includes real-world solutions, simulation methods and testing procedures. Based on the author's extensive first-hand experience in the field, the book allows readers to gain a deeper understanding of vehicle transmissions.

Ann Lovejoy's Organic Garden Design School

Creating Gardens that Honor Plants, Place, and Spirit

A Year at Brandywine Cottage

Physics, Designs, and Applications

Design, Theory and Applications

An Activity-based Approach

Fundamentals of Ion-Irradiated Polymers

Garden designers face some daunting questions: How do I begin the creative process? Where can I find design inspiration? How will I know if my design is successful? If you approach these questions like an artist, with an artist's tools and ways of looking at the world, you will be able to design gardens that combine the unique character of a place with your innermost creative spirit. You'll make inspiring gardens that have real meaning, for yourself as well as others. In this luminous volume, landscape architect and artist W. Gary Smith explores the various means that artists use—including drawing, painting, sculpture, meditation, poetry, and dance—to create personal connections with the landscape that enrich and inform garden design. Part 1 focuses on simple techniques that anyone can use to nurture creativity, unleash the imagination, and get ideas down on paper. Part 2 shows how these techniques have shaped actual design projects—with spectacular results. Throughout, the author's friendly and encouraging voice removes the shroud of mystery surrounding the creative process and shows how even the least artistically inclined can tap into inner resources they never knew they had. Smith's own exuberant sketches and bold paintings illuminate the path from art to landscape.

Infectiously engaging and unfailingly inspiring, this eye-opening book deserves to be read and reread by anyone who aspires to master the rich and demanding art of garden design.

A revolutionary approach to garden design puts plants at the center of a landscape, rather than hardscape features, demonstrating how to work more effectively and confidently with different kinds of plants, explaining how to integrate plantsmanship and design, and furnishing extensive lists of plants suitable for specific purposes and sites.

* the most accurate and comprehensive work on U.S. spacesuits ever published. *A unique insight into

the development of US spacesuits through to the present day. * Presents in context the authors' unique collection of 172 black and white photographs. * Explains why spacesuits are a last refuge for astronauts for survival. * Details many technically and historically interesting developments, but which never achieved fruition.

Presented in two parts, this first comprehensive overview addresses all aspects of energetic ion irradiation of polymers. Earlier publications and review articles concentrated on selected topics only. And the need for such a work has grown with the dramatic increase of research and applications, such as in photoresists, waveguides, and medical dosimetry, during the last decade. The first part, Fundamentals of Ion Irradiation of Polymers covers the physical, chemical and instrumental fundamentals; treats the specific irradiation mechanisms of low- and high-energy ions (including similarities and differences); and details the potential for future technological application. All the new findings are carefully analyzed and presented in a systematic way, while open questions are identified. This thesis presents an impressive summary of the potential to use passive seismic methods to monitor the sequestration of anthropogenic CO₂ in geologic reservoirs. It brings together innovative research in two distinct areas - seismology and geomechanics - and involves both data analysis and numerical modelling. The data come from the Weyburn-Midale project, which is currently the largest Carbon Capture and Storage (CCS) project in the world. James Verdon's results show how passive seismic monitoring can be used as an early warning system for fault reactivation and top seal failure, which may lead to the escape of CO₂ at the surface.

Computational Ship Design

200 Drought-Tolerant Choices for all Climates

US Spacesuits

Sundials

Principles of Ecological Landscape Design

A Complete Guide for Design and Construction

The Undaunted Garden

This book offers an introduction to the fundamental principles and systematic methodologies employed in computational approaches to ship design. It takes a detailed approach to the description of the problem definition, related theories, mathematical formulation, algorithm selection, and other core design information. Over eight chapters and appendices the book covers the complete process of ship design, from a detailed description of design theories through to cutting-edge applications. Following an introduction to relevant terminology, the first chapters consider ship design equations and models, freeboard calculations, resistance prediction and power estimation. Subsequent chapters cover topics including propeller design, engine selection, hull form design, structural design and outfitting. The book concludes with two chapters considering operating design and economic factors including construction costs and fuel consumption. The book reflects first-hand experiences in ship design and R&D activities, and incorporates improvements based on feedback received from many industry experts. Examples provided are based on genuine case studies in the field. The comprehensive description of each design stage presented in this book offers guidelines for academics, researchers, students, and industrial manufactures from diverse fields, including ocean engineering and mechanical engineering. From a commercial point of view the book will be of great value to those involved in designing a new vessel or improving an existing ship.

Over the last few decades, there have been dramatic improvements in the understanding and research of environmental design. Numerous methods have been developed to enhance architectural design in order for it to be more energy efficient, sustainable and health enhancing. This book presents several theories and techniques that can be used to improve how buildings are engineered and designed in order to utilize more sustainable construction methods while promoting the health of the building's occupants. Contributions to the study of environmental design have come from a diversity of fields including applied mathematics, optimization, computer science, medical research, psychology, management science, architecture, and engineering. The techniques developed in these areas of research can be used to increase building performance, occupant satisfaction, productivity, and well being, and reducing the incidence of health conditions and chronic diseases related to the use of a designed space. This book provides architectural practitioners, civil engineers as well as other interdisciplinary researchers with the techniques needed to design, implement, and test for sustainability and health promotion in new or existing structures.

From "bulb lawns" to "the never summer garden," from "perennials with fortitude" to "annuals that span the seasons," Lauren Springer delivers us the stalwart garden. With infectious enthusiasm, she offers down-to-earth advice and recommendations for sturdy, effortless, and beautiful plants and how to compose them with style.

This bestselling gardening classic provides a unique and beautifully asthetic approach to gardening in a challenging climate.

Every day talented and passionate gardeners think to themselves, "There must be a way to turn this into a career." So You Want to Be a Garden Designer helps them turn that dream into reality by providing the practical, step-by-step information every budding designer needs to develop and nurture a thriving garden design business. A successful, self-made garden designer herself, Love Albrecht Howard conveys not only the basic skills required for the profession, but also the crucial details that can mean the difference between success and failure. Among the many questions she explores with warmth, humor, and a big dose of reality are: • What do I need to learn? • How do I tackle fences, stairs, decks, and other construction projects? • How can I avoid using chemicals? • What's the best way to deal with challenging personalities? With extensive photographs, practical drawings, and clearheaded advice, So You Want to Be a Garden Designer is the comprehensive manual that all garden designers will wish they'd had from the start.

Planting for Weather-Resilient Beauty

Nature Driven Urbanism

Unleashing Creativity in Garden Design

Critical Landscape Planning during the Belt and Road Initiative

Architecture for Astronauts

New Naturalism

The Urban Garden City

Tough-but-beautiful plant picks There's a growing demand for dependably hardy plants that require less maintenance and less water, but are beautiful in the garden. Plant Select—the leading purveyor of plants designed to thrive in difficult climates—meets this need by promoting gardeners everywhere to have stunning, environmentally-friendly gardens that use fewer resources. Pretty Tough Plants highlights 135 top plant picks. Each profile features a color photograph and specific details about the plant's size, best features, and bloom season, all

needs, landscape features, and design ideas. The plant list includes perennials and annuals, groundcovers, grasses, shrubs, and trees. A c the book makes it easy to choose the right plants for specific conditions and needs.

This book offers a resourceful collection of essays examining recent efforts to respond to the challenges of planning, management and landscapes in contemporary Iran, the home of Persian gardens. Drawing on selected recent studies, the chapters discuss the following knowledge and theoretical bases, including a survey of recent and ongoing research; Persian gardens remaining from the 6th century B century AD, which have influenced garden design in a vast geographic domain extending from India to Spain; Management and conserva landscapes, historic urban landscapes (HUL), road landscapes, and natural landscapes in the face of changes in climatic conditions and l practices affecting their delicate dynamic balance and functions essential to their distinctive character; and Historic Territorial Landsc and evolved along the Silk and Spice Roads as compositions of tangible and intangible elements resulting from movement, exchanges an and over time. The book is a useful resource for a range of academics and professionals, such as landscape architects and managers, la and conservationists, and urban planners and managers.

This new paperback edition of Ann Lovejoy's spectacular organic gardening book brings a lifetime's worth of experience and knowledge country's leading gardening experts. In it she shows readers how to apply her organic design principles to any site, large or small, to cr sufficient gardens that are easy to care for, ecologically sound, and enduringly beautiful.

Sundials, which decorate church walls, public plazas, and elegant gardens, are first and foremost astronomical instruments. Before unde sundials work, one must first understand the apparent motion of the Sun in the sky. In this book, Denis Savoie presents the basics of a understand sundials and describes how to design and build your own classical sundial. Written for all levels of science readers, the auth calculations involved in the sundial's construction and also gives a comprehensive history of time measurement. The practical and obser sundials will enable readers to create custom-made sundial of their own, adding whatever special features they wish to include. Most o been tested by people with no previous knowledge of astronomy. To aid the reader, the book is full of clear and instructive illustrations How to Live Your Best Gardening Life David Culp has spent more than 30 years creating Brandywine Cottage—a sensational year-round provides an abundance of joy, both indoors and out. In his new book, he urges home gardeners everywhere to do the same in their own the garden's six natural season, A Year at Brandywine Cottage is packed with fresh ideas and trusted advice, whether it's choosing pla months of interest, weaving edibles into the mix, or bringing the bounty indoors with simple arrangements and homegrown recipes. Pac images and practical tips, A Year at Brandywine Cottage will inspire you to live a life enriched by nature every day of the year.

Waterwise Plants for Sustainable Gardens

The Layered Garden

From Art to Landscape

Theory and Application in the Western USA and Canada

Create a Paradise between the Sidewalk and the Curb

The Data Science Design Manual

Design Lessons for Year-Round Beauty from Brandywine Cottage

This book traces the evolution of Singapore ' s parks system, from colonial to present times. Further, it contextualizes the design and planning of parks in the general discourse on western and eastern traditions: early twentieth century western conceptions ' imported ' during colonialism; modernism; postmodernism, and the contemporary ecological debate. Park system planning products respond to national policies and result in structural urban elements and a range of park types. Global (western ideology) and local issues have influenced park system planning and the physical design of individual parks over time. However, in Singapore the eastern literature has not addressed the development of parks and urban green spaces in terms of historical perspective. The publication reveals the interrelations between visual representations and changing political ideologies. Singapore ' s system of public parks is shown to represent an iconography created by the state. Its set of constructed narratives elucidates on the potential social, cultural and environmental roles of public parks. However, Singapore ' s park system presents a novel paradigm for expanding Asian cities, characterized by evolving urban imaging strategies. In framing Singapore ' s case study within the broader perspective of eastern applications of western planning and design practices, and constructions of nation in post-colonial countries, the manuscript establishes the contribution of the Singaporean model of design and planning of parks to the international debate.

This book discusses the way that a nature-driven approach to urbanism can be applied at each of the urban scales; architectural design, urban design of neighborhoods, city planning and landscape architecture, and at the city and regional scales. At all levels nature-driven approaches to design and planning add to the quality of the built structure and furthermore to the quality of life experienced by people living in these environments. To include nature and greening to built structures is a good starting point and can add much value. The chapter authors have fiducia in giving nature a fundamental role as an integrated network in city design, or to make nature the entrance point of the design process, and base the design on the needs and qualities of nature itself. The highest existence of nature is a permanent ecosystem which endures stressors and circumstances for a prolonged period. In an urban context this is not always possible and temporality is an interesting concept explored when nature is not a permanent feature. The ecological contribution to the environment, and indirect dispersion of species, from a temporary location will, overall add biodiversity to the entire system.

This book deals with planning issues in landscape architecture, which start at the evaluation of the existing fabric of society, its history and memory, approached and conserved through photography, film and scenographic installations, a way in which the archetypes can be investigated, be it industrial derelict sites or already green spaces and cultural landscapes. It provides approaches to intervention, through rehabilitation and upgrade, eventually in participative manner. To such evaluation and promotion a couple of disciplines can contribute such as history of art, geography and communication science and of course (landscape) architecture. The field of landscape architecture reunites points of view from such different disciplines with a view to an active approach a contemporary intervention or conservation. The book presents case studies from several European countries (Romania, Germany, Austria, Italy, Portugal) mostly for large landscape in the outskirts of the cities and in the parks.

An observational study is an empiric investigation of effects caused by treatments when randomized experimentation

is unethical or infeasible. Observational studies are common in most fields that study the effects of treatments on people, including medicine, economics, epidemiology, education, psychology, political science and sociology. The quality and strength of evidence provided by an observational study is determined largely by its design. Design of Observational Studies is both an introduction to statistical inference in observational studies and a detailed discussion of the principles that guide the design of observational studies. Design of Observational Studies is divided into four parts. Chapters 2, 3, and 5 of Part I cover concisely, in about one hundred pages, many of the ideas discussed in Rosenbaum ' s Observational Studies (also published by Springer) but in a less technical fashion. Part II discusses the practical aspects of using propensity scores and other tools to create a matched comparison that balances many covariates. Part II includes a chapter on matching in R. In Part III, the concept of design sensitivity is used to appraise the relative ability of competing designs to distinguish treatment effects from biases due to unmeasured covariates. Part IV discusses planning the analysis of an observational study, with particular reference to Sir Ronald Fisher ' s striking advice for observational studies, "make your theories elaborate." The second edition of his book, Observational Studies, was published by Springer in 2002.

Living and working in extra-terrestrial habitats means being potentially vulnerable to very harsh environmental, social, and psychological conditions. With the stringent technical specifications for launch vehicles and transport into space, a very tight framework for the creation of habitable space is set. These constraints result in a very demanding " partnership " between the habitat and the inhabitant. This book is the result of researching the interface between people, space and objects in an extra-terrestrial environment. The evaluation of extra-terrestrial habitats in comparison to the user ' s perspective leads to a new framework, comparing these buildings from the viewpoint of human activity. It can be used as reference or as conceptual framework for the purpose of evaluation. It also summarizes relevant human-related design directions. The work is addressed to architects and designers as well as engineers.

Singapore ' s Park System Master Planning

Impacts on Health

How to Get Started, Grow, and Thrive in the Landscape Design Business

Design for Ergonomics

Design, Construction, and Use

Handbook of Modern Sensors

Abstract Pattern Illustrations for Textile Printing

This volume focuses on the outstanding contributions made by botany and the mathematical sciences to the genesis and development of early modern garden art and garden culture. The many facets of the mathematical sciences and botany point to the increasingly "scientific" approach that was being adopted in and applied to garden art and garden culture in the early modern period. This development was deeply embedded in the philosophical, religious, political, cultural and social contexts, running parallel to the beginning of processes of scientization so characteristic for modern European history. This volume strikingly shows how these various developments are intertwined in gardens for various purposes.

Persian Paradises at Peril

Sustainable Environmental Design in Architecture

A Nation Building Tool to Construct Narratives in Post-Colonial Countries

Designing and Planting a Resilient, Ecologically Vibrant Home Garden

So You Want to Be a Garden Designer

Passionate Gardening

Good Advice for Challenging Climates