Sustainable Architectural Design There are unique greening solutions and practices that help create a lifestyle shift, improving the health of living environments. This book addresses the needs of occupants from a personal, business, environmental, and profitable perspective. Short-term and long-term considerations are important elements of every design. This book addresses the needs of occupants from personal, business, environmental, and profitable perspectives. From the perspectives of occupants and the society to the communities, this book outlines how business owners and residents can integrate scale appropriate green solutions into their lifestyles. Green UP! Sustainable Design Solutions for Healthier Work and Living Environments includes detailed illustrations and photographs to help you understand design opportunities for your space. Stevie Famulari provides unique insights and inspires business owners, residents, and planners to develop their own green understanding and design solutions. Illustrations and photographs of applied greening are included throughout the book to help inspire your own goals and design, and then transform them to reality. The author breaks down the misconceptions of the complexity of sustainability and green practices. Greening is a lifestyle change, and this step-by-step instruction guide lets you know how easy it is to transition to the green side! Site Analysis Sustainable Design for the Built Environment marks the transition of sustainable design from a specialty service to the mainstream approach for creating a healthy and resilient built environment. This groundbreaking and transformative approach introduces sustainable design in a clear, concise and easy-to-read format. This book takes the reader deep into the foundations of sustainable design, and creates a holistic and integrative approach addressing the social, cultural, ecological, and aesthetic aspects in addition to the typical performance-driven goals. The first section of the book is themed around the origins, principles, and frameworks of sustainable design aimed at inspiring a deeper, broader, and more inclusive view of sustainability. The second section examines strategies such as biophillia and biomimicry, adaptation and resilience, health and well-being. The third section examines the application of sustainability principles from the global, urban, district, building, and human scale, illustrating how a systems thinking approach allows sustainable design to span the context of time, space, and varied perspectives. This textbook is intended to inspire a new vision for the future that unites human activity with nature. Site Planning and Design Handbook, Second Edition Sponsored by the Low Impact Development Committee of the Urban Water Resources Council of the Environmental and Water Resources Institute of ASCE Permeable Pavements is a comprehensive resource for the proper design, construction, and maintenance of permeable pavement systems that provide a transportation surface and a best management practice for stormwater and urban runoff. A conversion for low impact development (LID) and sustainable site design, permeable pavements are considered a green infrastructure practice. They offer many environmental benefits, from reduced stormwater runoff and improved water quality to better site design and enhanced safety of paved surfaces. Commonly used for walkways, driveways, patios, and low-volume roadways as well as recreational areas, parking lots, and plazas, permeable pavements are appropriate for many different land uses, particularly in highly urbanized locations. This volume synthesizes today’s knowledge of the technology, drawing across disciplines, industry, and the engineering and science communities. It presents an overview of typical permeable pavement systems and reviews the design considerations. Detailed design, construction, use, and performance information is provided for porous asphalt, pervious concrete, permeable interlocking concrete pavement, and grid pavements. Fact sheets and checklists help to successfully incorporate permeable pavement systems into design projects. Additional chapters summarize emerging technologies, maintenance considerations, hydrologic design approaches, key components for specification writing, and key areas for additional research. Appendices include a fact sheet clarifying information on common concerns, as well as data tables summarizing water quality treatment performance applications. Sustainable Landscape Construction UX Design and Usability Mentor Book includes best practices and real-life examples in a broad range of topics like: UX design techniques Usability testing techniques such as eye-tracking User interface design guidelines Mobile UX design principles Prototyping Lean product development with agile vs. waterfall Use cases User profiling Personas Interaction design principles Content Writing Card sorting Mind-mapping Wireframes Automating tools Customer experience evaluation The book includes real-life experiences to help readers apply these best practices in their own organizations. UX Design and Usability Mentor Book is an extension of best-selling Business Analyst's Mentor Book. Thanks to the integrated business analysis and UX design methodology it presents, the book can be used as a guideline to create user interfaces that are both functional and usable. Building Sustainable Futures The Sustainable Sites Initiative (SSI) puts forth by the American Society of Landscape Architects and the Lady Bird Johnson Wildflower Center is a set of standards which promotes sustainable land development and management practices. The SSI allows the role of the landscape architect to be integrated in collaboration with society's needs. This has led to a new understanding of planning and design, it is now being designed by architects and landscape architects. Equestrian facilities are complex developments that have multiple functions and needs, and are commonly designed to accommodate different equestrian activities such as horse riding, polo, and carriage driving. This book provides comprehensive coverage of all aspects of equestrian facility design for horse riding, polo, and carriage driving. In its chapter on horse riding, this book provides comprehensive coverage of all aspects of equestrian facility design for horse riding, polo, and carriage driving. The book begins by defining the roles of the landscape architect and the equestrian facility owner, and then proceeds to cover the design and construction of equestrian facilities. The book concludes with a chapter on the economics of equestrian facilities, focusing on the financial aspects of running an equestrian business. Sustainable Site Planning and Design Handbook, Second Edition Sponsored by the Low Impact Development Committee of the Urban Water Resources Council of the Environmental and Water Resources Institute of ASCE Permeable Pavements is a comprehensive resource for the proper design, construction, and maintenance of permeable pavement systems that provide a transportation surface and a best management practice for stormwater and urban runoff. 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