



Okala

learning ecological design

Okala Learning Ecological Design

Lydia Kallipoliti



Okala Learning Ecological Design:

Okala Philip White,Louise St. Pierre,Steve Belletire,2007 **Okala** Philip White,2009 **Okala Practitioner** Philip White,Louise St. Pierre,Steve Belletire,2013 Ecological design and environmental sustainability design guide for practicing designers and design teams Design Activism Alastair Fuad-Luke,2013-06-17 Design academics and practitioners are facing a multiplicity of challenges in a dynamic complex world moving faster than the current design paradigm which is largely tied to the values and imperatives of commercial enterprise Current education and practice need to evolve to ensure that the discipline of design meets sustainability drivers and equips students teachers and professionals for the near future New approaches methods and tools are urgently required as sustainability expands the context for design and what it means to be a designer Design activists who comprise a diverse range of designers teachers and other actors are setting new ambitions for design They seek to fundamentally challenge how where and when design can catalyse positive impacts to address sustainability They are also challenging who can utilise the power of the design process To date examination of contemporary and emergent design activism is poorly represented in the literature This book will provide a rigorous exploration of design activism that will re vitalise the design debate and provide a solid platform for students teachers design professionals and other disciplines interested in transformative design activism Design Activism provides a comprehensive study of contemporary and emergent design activism This activism has a dual aim to make positive impacts towards more sustainable ways of living and working and to challenge and reinvigorate design praxis It will collate synthesise and analyse design activist approaches processes methods tools and inspirational examples outcomes from disparate sources and in doing so will create a specific canon of work to illuminate contemporary design discourse Design Activism reveals the power of design for positive social and environmental change design with a central activist role in the sustainability challenge Inspired by past design activists and set against the context of global local tensions expressions of design activism are mapped The nature of contemporary design activism is explored from individual collective action to the infrastructure that supports it generating powerful participatory design approaches a diverse toolbox and inspirational outcomes This is design as a political and social act design to enable adaptive societal capacity for co futuring *Innovation Leadership: Creating the Landscape of Healthcare* Tim Porter-O'Grady,Kathy Malloch,2010-03-18 Innovation Leadership Creating the Landscape of Healthcare focuses on the unique skills related to leading the innovation process in healthcare This unique text relates leadership skills and attributes necessary to guide organizations and people through the process of innovation in a way that ensures successful innovation outcomes This contributed text provides a variety of viewpoints on leadership in light of the various formats and tool sets necessary to assure successful innovation Metropolis ,2007-10 **Okala Ecological Design** Philip White,Louise St. Pierre,Steve Belletire,2004* *Waste Electrical and Electronic Equipment (WEEE) Handbook* Vannessa Goodship,Ab Stevels,Jaco Huisman,2019-07-13 Waste Electrical and Electronic Equipment WEEE

Handbook Second Edition is a one stop reference on current electronic waste legislation initiatives their impact and the latest technological considerations for reducing electronic waste e waste and increasing the efficiency of materials recovery It also provides a wide range of global and corporate examples and perspectives on the challenges that face specific regions and companies along with the solutions they are implementing in managing e waste offering further insights on how discarded products can be treated Sections introduce the reader to legislation and initiatives to manage WEEE and discuss technologies for the refurbishment treatment and recycling of waste electronics Further sections focus on electronic products that present particular challenges for recyclers explore sustainable design of electronics and supply chains discuss national and regional WEEE management schemes and more Addresses the latest challenges and opportunities for electronic waste e waste management including e waste collection models circular economy implications rare earth metal recovery and much more Draws lessons for waste electrical and electronic equipment WEEE policy and practice from around the world Discusses legislation and initiatives to manage WEEE including global e waste initiatives EU legislation relating to electronic waste and eco efficiency evaluation of WEEE take back systems

Managing Strategic Design Ray Holland, Busayawan Lam, 2014-11-20 This core textbook emphasizes the power of design management to drive corporate strategic goals showing how design strategies can be thoughtfully formulated and managed to improve the performance of organizations Taking an engaging and accessible approach this book will help design students and graduates to apply new concepts of design management in their works and to use design strategically to achieve organizational visions and targets Throughout the book s tripartite structure comprising an introduction to the topic followed by sections on how strategic design can be used to support key businesses functions and how it can be used to push organisations forward a strong link is made between design and marketing and the delivery of design led branding This textbook is essential for upper level undergraduate and postgraduate students studying design management on art and design degrees It also caters for practitioners and specialist elective modules offered on business and management and marketing and entrepreneurship courses in business schools

Ecodesign Ken Yeang, 2008-05-27 You ll find clear instructions on how to design build and use a green sustainable architecture in Ecodesign Author Ken Yeang will show you how to produce and maintain ecosystem like structures and systems whose content and outputs not only integrate benignly with the natural environment but whose built form and systems function with sensitivity to the locality s ecology as well in relation to global biospheric processes He will help you learn to develop structures and systems that are low consumers of non renewable resources built with materials that have low ecological consequences and are designed to facilitate disassembly continuous reuse and recycling and that at the end of their useful lives can be reintegrated seamlessly back into the natural environment Each of these aspects and other attendant ones is examined in detail with regards to how they influence design and planning

The Routledge Companion to Ecological Design Thinking Mitra Kanaani, 2022-08-31 This companion investigates the ways in which designers architects

and planners address ecology through the built environment by integrating ecological ideas and ecological thinking into discussions of urbanism society culture and design Exploring the innovation of materials habitats landscapes and infrastructures it furthers novel ecotopian ideas and ways of living including human made settings on water in outer space and in extreme environments and climatic conditions Chapters of this extensive collection on ecotopian design are grouped under five different ecological perspectives design manifestos and ecological theories anthropocentric transformative design concepts design connectivity climatic design and social design Contributors provide plausible sustainable design ideas that promote resiliency health and well being for all living things while taking our changing lifestyles into consideration This volume encourages creative thinking in the face of ongoing environmental damage with a view to making design decisions in the interest of the planet and its inhabitants With contributions from over 79 expert practitioners educators scientists researchers and theoreticians as well as planners architects and engineers from the U S Canada Europe and Asia this book engages theory history technology engineering and science as well as the human aspects of ecotopian design thinking and its implications for the outlook of the planet

Ecological Design Sim Van der Ryn, Stuart Cowan, 1995 This is a book about ecological design which can be defined as any form of design that minimizes environmentally destructive impacts by integrating itself with living processes Ecological design is an integrated ecologically responsible design discipline It helps connect scattered efforts in green architecture sustainable agriculture ecological engineering and other fields Ecological design is both a profoundly hopeful vision and a pragmatic tool By placing ecology in the foreground of design it provides specific ways of minimizing energy and material use reducing pollution preserving habitat and fostering community health and beauty It provides a new way of thinking about design

The Handbook of Design for Sustainability Stuart Walker, Jacques Giard, Helen Walker, 2017-01-12 Sustainability has emerged as a central issue for contemporary societies and for the world community as a whole Furthermore many of the social and environmental concerns that are embodied in the term sustainability are directly or indirectly related to design Designers help to define our human made environment how it is produced how it is used and how long it endures Despite some forty years of development and increased awareness of the critical relationships that exist between design decisions and modes of production energy use environmental impacts the nature of work and human exploitation design for sustainability is still not widely understood or followed The Handbook of Design for Sustainability presents a comprehensive state of the art overview of this crucial subject its development its methods its practices and its potential futures Bringing together leading international scholars and new researchers to provide a substantive insight into the latest thinking and research within the field The Handbook covers a breadth of historical and theoretical understandings and includes a series of original essays that explore methods and approaches for designers and design educators The Handbook presents the first systematic overview of the subject that in addition to methods and examples includes historical perspectives philosophical approaches business analyses educational insights and

emerging thinking It is an invaluable resource for design researchers and students as well as design practitioners and private and public sector organizations wishing to develop more sustainable directions

Situating Environmental Design in the Studio Ricardo A. Martínez, 2011 This work explores the problem of implementation of environmental design in architectural training This problem has been identified as a disconnection between the delivery of information by lecturing and the application of that information in the studio The essential nature of students in that view is passive and their task is to correctly apply information developed by others This work pursues the idea that environmental knowledge can be grown from within the conversational nature of the design process based on the active nature of the student The main contribution is the proposal of an ecological approach to learning in which the whole person of the learner is deeply engaged with his learning environment The present understanding has been informed mainly by the ecological approach to perception of James Gibson and the conception of design of Donald Schon Through the view of Donald Schon environmental design comes forth as a particular instance of conversations with environmental situations involving the modeling of actual phenomena as a central element of the learning process Seen from an ecological approach to learning the implementation of those conversations appears as part of a larger orchestration of affordances of the learning environment involving tangible and intangible resources This proposal is intended to illuminate other implementation strategies of environmental design in other schools

Ecological Design, Tenth Anniversary Edition Sim Van der Ryn, Stuart Cowan, 2013-03-05 Ecological Design is a landmark volume that helped usher in an exciting new era in green design and sustainability planning Since its initial publication in 1996 the book has been critically important in sparking dialogue and triggering collaboration across spatial scales and design professions in pursuit of buildings products and landscapes with radically decreased environmental impacts This 10th anniversary edition makes the work available to a new generation of practitioners and thinkers concerned with moving our society onto a more sustainable path Using examples from architecture industrial ecology sustainable agriculture ecological wastewater treatment and many other fields Ecological Design provides a framework for integrating human design with living systems Drawing on complex systems ecology and early examples of green building and design the book challenges us to go further creating buildings infrastructures and landscapes that are truly restorative rather than merely diminishing the rate at which things are getting worse

Ecological by Design Kjetil Fallan, 2022-11-22 How ecological design emerged in Scandinavia during the 1960s and 1970s building on both Scandinavia's design culture and its environmental movement Scandinavia is famous for its design culture and for its pioneering efforts toward a sustainable future In *Ecological by Design* Kjetil Fallan shows how these two forces came together in the late 1960s and early 1970s when Scandinavian designers began to question the endless cycle in which designed objects are produced consumed discarded and replaced in quick succession The emergence of ecological design in Scandinavia at the height of the popular environmental movement Fallan suggests illuminates a little known reciprocity between environmentalism and design not

only did design play a role in the rise of modern environmentalism but ecological thinking influenced the transformation in design culture in Scandinavia and beyond that began as the modernist faith in progress and prosperity waned Fallan describes the efforts of Scandinavian designers to forge an environmental ethics in a commercial design culture sustained by consumption shows by recounting a quest for sustainability through Norwegian wood s that one of the main characteristics of ecological design is attention to both the local and the global and explores the emergence of a respectful and sustainable paradigm for international development Case studies trace key connections to continental Europe Britain the US Central America and East Africa Today ideas of sustainability permeate design discourse but the historical emergence of ecological design remains largely undiscussed With this trailblazing book Fallan fills that gap Ecoscenography Tanja Beer,2022-01-01 This ground breaking book is the first to bring an ecological focus to theatre and performance design both in scholarship and in practice Ecoscenography weaves environmental philosophies and practices across genres and fields to provide a captivating vision for the future of sustainable theatre production The book forefronts leading designers that are driving this emerging field into the mainstream through their relational and reciprocal engagement with place audiences materials and processes Beyond its radical philosophy and framework Ecoscenography makes a compelling case for pursuing an ecological ethic in theatre and performance design not only as a moral imperative but for the extraordinary possibilities that it offers for more than human engagement Based on her personal insights as a leading ecological researcher and practitioner Beer offers a rich resource for scholars students and practitioners alike opening up new processes and aesthetics of theatrical design that enhance the environmental and social advocacy of the field **Design for Sustainability** Xin Liu,Fang Zhong,Jun Zhang,2025-08-31 The book gives a panoramic introduction to design for sustainability to students with input for undergraduate students design students and interested design practitioners It is based on frontier research give insights into best design practices to clarify the application of design strategies and offer a systematic review of sustainability Through its novel approach to the topic the book gives a systemic perspective instead of focusing on single environmental or social perspectives Additionally it builds a theory practice parallel as means of introducing the topic This aids readers in establishing an integrated understanding of design for sustainability The book summarises sustainable design strategies with chapters on the track of product service social and system The design strategies are introduced with dimensions on history theory and empirical cases The author maps the design for sustainability with a theoretical framework as well as the best design practices Moreover the book is based on long term interdisciplinary collaboration By working with environmental scientists sociologists and citizens the author expands traditional design capacities into dedicating the perspective to a more concrete knowledge of design for sustainability Students are increasingly interested in design for sustainability However it is difficult to find guides on this topic Books with related titles are research oriented theme oriented or focusing on specific topics like environmental material or social issues

This book aims at exploring the field of design for sustainability with in depth insights on multiple levels This book helps students gain an overview of the topic and include insights in their future studies Overall the book provides opportunities for instructors to share these perspectives Additionally it helps establish a structured course system with a multitude of advanced cases several interrelated themes as well as insights into the theoretical underpinning of design for sustainability The translation was done with the help of artificial intelligence A subsequent human revision was done primarily in terms of content Routledge Handbook of Sustainable Design Rachel Beth Egenhoefer,2024-04-15 The Routledge Handbook of Sustainable Design considers the design not only of artifacts but of structures systems and interactions in the context of sustaining our shared planet This revised edition introduces new and updated chapters as well as a new section on pedagogy for sustainable design With authors from around the world design is positioned in context with recent crises such as global pandemics racial reckoning political unrest and natural disasters Just as design is an interdisciplinary field the climate crisis is deeply tangled in racial justice gender justice global health economics trade and more Divided into six sections it presents a holistic approach to understanding the many facets of sustainable design Part 1 Systems and Design Part 2 Complexities of Sustainable Design Part 3 Community Engaged Design for Local and Global Diversity Part 4 Design for Sustainable Behaviors Part 5 Design Futures Part 6 Pedagogy in Design for Sustainability Arguing that design needs to restore regenerate and rejuvenate our planet and people this handbook will be invaluable to researchers students and practitioners across all subdisciplines of design architecture business energy management visual arts and environmental studies among others

Histories of Ecological Design Lydia Kallipoliti,2023-05-31 This book documents the intersection of architecture and design with ecology environmental history policy governance and law from the 19th century to today It presents conflicting definitions and concepts of architects and designers and the parallel histories of their intellectual positions toward environmental throughout time There have been many accounts on the history of ecology and others on the migration of ecological thought to design and architecture practice Yet the work of a focused and expanded history of ecological design is much needed This book presents conflicting definitions and concepts of architects and designers and the parallel histories of their intellectual positions toward environmental thought from the 19th century to today To survey the formation of this field the history of ecological design will be not be exclusively examined chronologically but also in connected worldviews each rendering evolving perceptions of nature its relation to culture and the occupation of the natural world by human and non human subjects

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