

Permaculture Design

Building Your Permaculture Property Human Permaculture The Permaculture Earthworks Handbook The Edible Ecosystem Solution Mulberries in the Rain Edible Forest Gardens, Volume II Essential Rainwater Harvesting Therapeutic Landscape Research Evidence in Eco-neighbourhood Design The School Garden Curriculum Permaculture Permaculture Permaculture Design Permaculture Permaculture Permaculture Two Permaculture Two The New Permaculture Design Manual Permaculture Two Permaculture 2 Permaculture Rob Avis Bernard Alonso Douglas Barnes Zach Loeks Ryan Blosser Dave Jacke Rob Avis Monika Trojanowska Kaci Rae Christopher B. C. Mollison Bill Mollison Aranya Bill Mollison Bill Mollison B. C. Mollison B. Mollison Wilfred Dawson Bill Mollison B. C. Mollison

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a fresh integrative and holistic perspective on how to orientate oneself to the process of establishing your dreams and visions on the land richard perkins author of regenerative agriculture building your permaculture property offers a revolutionary holistic method to overcome overwhelm in the complex process of resilient land design it distills the authors decades of experience as engineers farmers educators and consultants into a five step process complete with principles practices templates and workflow tools to help you clarify your vision values and resources diagnose your land and resources for strengths weaknesses opportunities and threats design your land and resources to meet your vision and

values implement the right design to enhance your strengths and improve your weakest resource establish benchmarks to monitor the sustainability and success of your development when designing a regenerative permaculture property too many land stewards suffer from option paralysis a lack of integrated holistic design fruitless trial and error attempts wasted money and the frustration that results from too much information and no context building your permaculture property is the essential guide for everyone looking to cut through the noise and establish an ecologically regenerative financially sustainable enjoyable and thriving permaculture property anywhere in the world highlights the need for permaculture design thinking in creating resilient regenerative landscapes and communities through this work rob michelle and takota make a valuable contribution to the ongoing evolution of permaculture thinking and action david holmgren permaculture co originator every farm every ranch and every homestead can benefit from thinking deeper about how human intent engages with the places we re blessed to call home michael phillips author of the holistic orchard

harness the power of permaculture to change yourself and become a regenerative force for the planet human permaculture is a powerful forward thinking guide that uses permaculture principles of ecological design rooted in people care earth care and fair share for redesigning your life and community to align with the resources available on the planet as climate change ecological decline and social breakdown start to bite people expect that governments will solve our problems yet this belief has proven to be false rather than looking to others changes must come from the inside out transforming the i to we changing the world by changing ourselves and re establishing our deep connection to nature richly illustrated and inspiring human permaculture offers specific actions and tools for adopting an ethical regenerative way of life coverage includes human permaculture principles a nine step ecological and social life design process discovering your personal niche stimulating the permaculture edge effect to work with others in efficient teams rediscovering our deep connections to water soil forests and caring for nature this guide is for everyone who wants to find their own meaning in life put their talents at the service of the environment live ethically and navigate the great transition we face in a future of climate change and energy decline bernard alonso is co founder of the collaborative international university of transition and a human permaculture facilitator speaker coach and project designer he lives in quebec canada permacultureinternationale org cécile guiochon is a french journalist and holder of a permaculture design certificate she co founded kerwatt which develops citizen projects renewable energy in brittany france e ker org

maximize your water harvesting potential with efficient cost effective earthworks in the face of drought and desertification well designed water harvesting earthworks such as swales ponds and dams are the most effective way to channel water into productive use the result can be increased food production higher groundwater levels reduced irrigation needs and enhanced ecosystem resilience yet due to a lack of knowledge designers and landowners often build earthworks that are costly inappropriately sized and sited or even dangerous the permaculture earthworks handbook is the first dedicated detailed guide to the proper design and construction of water harvesting earthworks it covers the function design and construction methods for nine main types of water harvesting earthworks across a full range of climates coverage includes swales ponds dams hugelkultur net and pan systems spate irrigation and more cost versus benefit of different earthworks assessing site needs and suitability soil types and hydrology designing for maximum efficiency and lowest cost risk assessment and safe construction stacking functions and integrating earthworks into a design this practical handbook is the essential resource for permaculture designers teachers and students landowners farmers homesteaders landscape architects and others involved in maximizing the water harvesting potential of any landscape at the lowest cost and impact douglas barnes is a permaculture designer trained in australia by bill mollison and geoff lawton he has designed and built earthworks in north america japan and andhra pradesh india he lives in tweed ontario in a passive solar house he designed and built and he blogs at permaculturerelections.com

start a peaceful revolution by planting an edible ecosystem and sharing the experience with your neighbors humans have always thrived in rich diverse edible ecosystems yet most cities and suburbs are blanketed by lawns ornamentals and a lack of biodiversity let alone anything edible it is within these sterile landscapes that seeds of an edible ecosystem lie the edible ecosystem solution is a comprehensive practical guidebook that looks at underutilized spaces to reveal the many opportunities for landscape transformation that are both far reaching and immediately beneficial and enjoyable contents include hundreds of full color infographics illustrations and photographs that clearly outline the principles and concepts of edible landscape design and benefits how to get started with as little as 25 square feet of land how to transition a garden plot into a place of edible abundance and an edible biodiversity hot spot living laboratory and a source point for transitioning and transforming community and culture choosing appropriate plants for insects wildlife and food production scaling up and networking backyard edible ecosystems at the neighborhood level and beyond to build community food security and resilience the edible ecosystem solution is for everyone with access to a bit of yard a

desire for food security biodiversity and a beautiful and resilient community and for anyone who wants to reclaim humanity's place in a rich abundant edible ecosystem

connecting with plants a guide to belonging ecological resilience and permaculture design the plants in our world not only nourish and sustain us they root us within our human and ecological communities mulberries in the rain explores these vital connections combining evocative storytelling with detailed crop profiles and permaculture design tools to mentor and inspire you central to permaculture is the art of creating beneficial relationships crafting inherently regenerative food systems modeled on nature as growers we tend to interpret this idea literally think companion planting edible ecosystems and food forests where do social relations and community building fit in authors and permaculture experts ryan blosser and trevor piersol demystify plant guilds showing how to create biodiverse low maintenance ecological systems integrate tried and tested permaculture frameworks such as the scale of permanence and the ecology of self with tools from economics mental health and other disciplines provide cultivation primers for permaculture plants classified according to function identifying outstanding anchor plants nitrogen fixers barrier plants beneficial attractors and dynamic accumulators use plant narratives to illustrate how our inner landscapes are inextricably intertwined with the way we show up in the world this unique beautifully illustrated handbook breaks new ground in social permaculture while providing a deep hands on dive into creating thriving foodscapes required reading for anyone who seeks a deeper connection to people and place and a more resilient future

an edible forest garden is a perennial polyculture of multipurpose plants most plants regrow every year without replanting perennials many species grow together a polyculture each plant contributes to the success of the whole by fulfilling many functions multipurpose in other words a forest garden is an edible ecosystem a consciously designed community of mutually beneficial plants and animals intended for human food production edible forest gardens provide more than just a variety of foods the seven f's apply here food fuel fiber fodder fertilizer and farmaceuticals as well as fun a beautiful lush environment can be a conscious focus of your garden design or a side benefit you enjoy from pub website

you owe it to your family to follow the prescriptions in this book and be prepared for droughts and shortages through rainwater harvesting jerry yudelson author of dry run preventing the next urban water crisis water is a crucial resource increasingly under stress yet rainfall even in arid climates can make

up a sizable portion of any home acreage or farm s water requirements if harvested and utilized with care the key is appropriate planning and high quality site and climate specific design essential rainwater harvesting is a comprehensive manual for designing building and maintaining water harvesting systems for the warm and cold climates of the world presenting design considerations and approaches for the most common household rainwater supply scenarios primary supplemental and off grid supply this step by step approach covers considerations for full property water security demand planning and conservation strategies supply calculations and design implications for extreme rainfall and drought materials selection and water quality system and site assessment sizing and design of gutters conveyance tanks and pumps pre filtration filtration and disinfection options system maintenance and upkeep this practical resource provides diyers trades and rainwater practitioners with the essential tools methods and technical know how to design build and maintain rainwater harvesting systems anywhere go to it become a rainwater harvester embrace your downpipes and filtration systems and all the while with this brilliant book stuffed into your back pocket rob hopkins founder of the transition movement inspired to save your own rainwater for garden and home essential rainwater harvesting is bursting with personal practical and precise information to get gardeners saving water right now donna balzer author of no guff vegetable gardening

this book presents how to recreate therapeutic landscapes in everyday places of eco neighbourhoods the concept of eco neighbourhoods goes beyond the traditional form of a residential district eco neighbourhoods are characterized by many aspects related to sustainability including protection of the environment building social capital ensuring a high quality of life with low economic costs and promoting social and environmental justice the presented work aims to systematize these phenomena and interpret them the action to take care of our common home the earth starts locally creating townscapes that can promote everyday health could improve the standards of living on our planet in both hemispheres the majority of people live in cities therefore examples of good practices described in this book come from all inhabited continents education is the most empowering tool which can change the future for many implementing eco neighbourhoods may bring well deserved change and hope to people in less favoured locations of the globe this book will be of interest to practitioners and students of architecture civil and environmental engineering landscape design spatial management urban planning and related fields

sow the seeds of science and wonder and inspire the next generation of earth stewards the school garden

curriculum offers a unique and comprehensive framework enabling students to grow their knowledge throughout the school year and build on it from kindergarten to eighth grade from seasonal garden activities to inquiry projects and science skill building children will develop organic gardening solutions a positive land ethic systems thinking and instincts for ecological stewardship the world needs young people to grow into strong scientifically literate environmental stewards learning gardens are great places to build this knowledge yet until now there has been a lack of a multi grade curriculum for school wide teaching aimed at fostering a connection with the earth the book offers a complete k 8 school wide framework over 200 engaging weekly lesson plans ready to share place based activities immersive learning and hands on activities integration of science critical thinking permaculture and life skills links to next generation science standards further resources and information sources a model and guide for all educators the school garden curriculum is the complete package for any school wishing to use ecosystem perspectives science and permaculture to connect children to positive land ethics personal responsibility and wonder while building vital lifelong skills awards finalist 2019 foreword indies education

this is the definitive permaculture design manual in print since 1988 it is the textbook and curriculum for the 72 hour certificate course in permaculture design written for teachers students and designers it follows on and greatly enlarges on the initial introductory texts permaculture one 1978 and permaculture two 1979 both of which are still in demand very little of the material found in this book is reproduced from the former texts it covers design methodologies and strategies for both urban and rural applications describing property design and natural farming techniques publisher

concepts and themes in design methods of design pattern understanding climatic factors trees and their energy transactions water soils earthworking and earth resources the humid tropics dryland strategies humid cool to cold climates aquaculture the strategies of an alternative global nation

by thinking carefully about the way we use our resources food energy shelter and other material and non material needs it is possible to get much more out of life by using less we can be more productive for less effort reaping benefits for our environment and ourselves for now and for generations to come this is the essence of permaculture the design of an ecologically sound way of living in our households gardens communities and businesses it is created by cooperating with nature and caring for the earth and

its people permaculture encourages us to be resourceful and self reliant it is not a dogma or a religion but an ecological design system which helps us find solutions to the many problems facing us both locally and globally

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