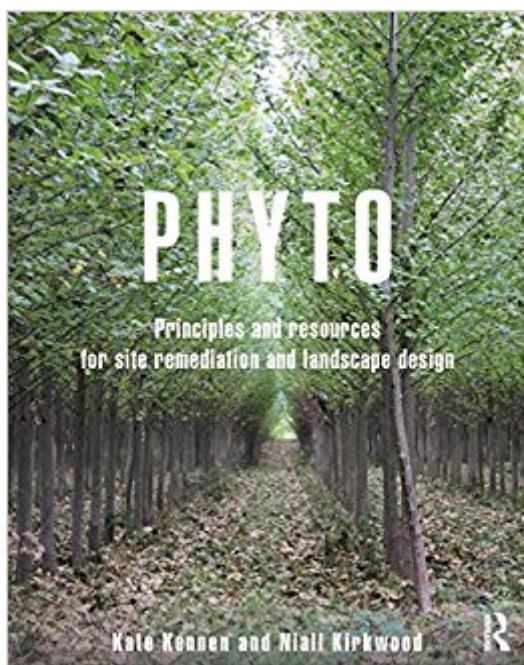The book was found

Phyto: Principles And Resources For Site Remediation And Landscape Design

Synopsis

Winner of the 2017 CBHL Literature Award of Excellence in Landscape Design and ArchitecturePhyto 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, â ˆphytobufferingâ ™ where future pollution may be expected for particular site programs. Filled with tables, photographs and detailed drawings, Kennen and Kirkwood's textÂ guides the reader through the process of selecting plants for their aesthetic and environmental qualities, combined with their contaminant-removal benefits.

Book Information

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Customer Reviews

This book is essential to every designer, engineer, public works manager or interested other in understanding the possibilities of true phytoremediation. Rather than depending on plants that simply hold pollutants, then die and become toxic waste, Kennan and Kirkwood have produced this handbook that gives the most recent, science based information available. Not all toxins have a magic bullet to remediate, but this book covers what will and won't work and brings you up to speed in language accessible to anyone who speaks or reads English. It should be published in every language on the globe as the pollutants they write about can be found around the globe. This is essential reading for anyone involved in or concerned about mitigating the damage these toxins create and the dynamic environmental systems they affect.

Amazing primer on phytoremediation complete with plant lists for every scenario!

book needed for resource. Got here promptly and was put to use

great book!

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