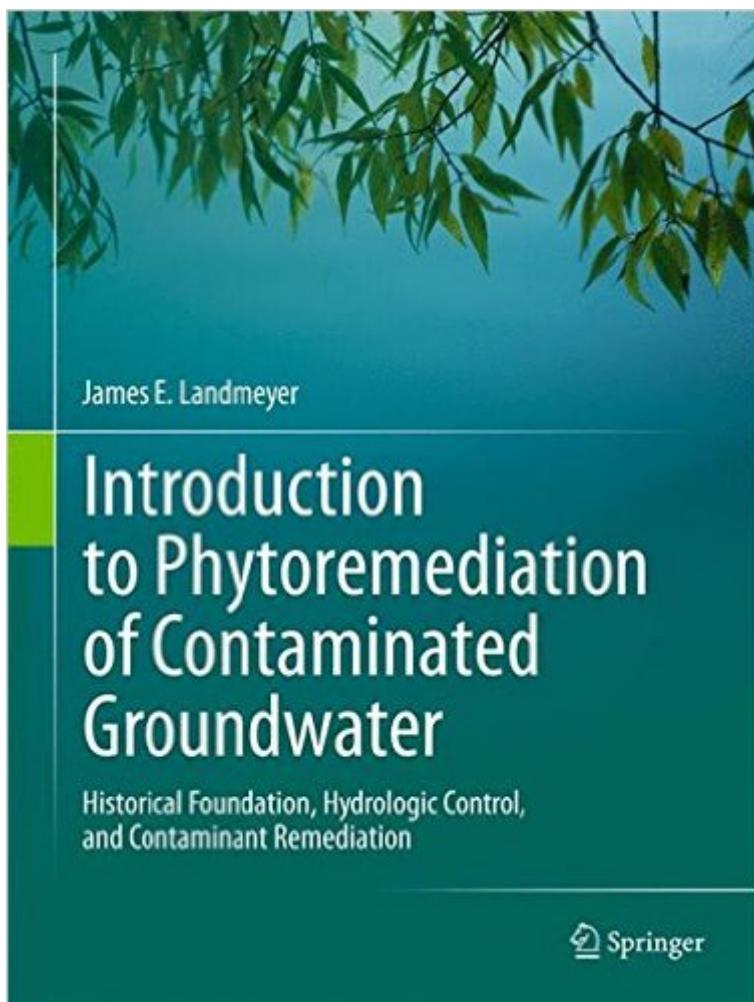


The book was found

Introduction To Phytoremediation Of Contaminated Groundwater: Historical Foundation, Hydrologic Control, And Contaminant Remediation



Synopsis

This book provides the reader with the comprehensive view necessary to understand and critically evaluate the design, implementation, and monitoring of phytoremediation at sites characterized by contaminated groundwater. Part I presents the historical foundation of the interaction between plants and groundwater, introduces fundamental groundwater concepts for plant physiologists, and introduces basic plant physiology for hydrogeologists. Part II presents information on how to assess, design, implement, and monitor phytoremediation projects for hydrologic control. Part III presents how plants take up and detoxify a wide range of organic xenobiotics in contaminated groundwater systems, and provides various approaches on how this can be assessed and monitored. Throughout, concepts are emphasized with numerous case studies, illustrations and pertinent literature citations.

Book Information

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Customer Reviews

This book is a great resource on the subject of groundwater contamination and phytoremediation. As a regulator I have been able to use it as a framework to evaluate many phytoremediation proposals. The information in the book has enabled me to provide insightful comments that improve proposed phytoremediation plans that I might have otherwise flat out rejected. I have learned that phytoremediation can be a stand alone technology and a great way to enhance other remediation technologies. Most importantly the author has written the book in a straight forward manner that makes groundwater remediation make sense. The information presented in this book about

phytoremediation is to regulators and environmental consultants what sunshine is to seeds. I strongly recommend buying this book.

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