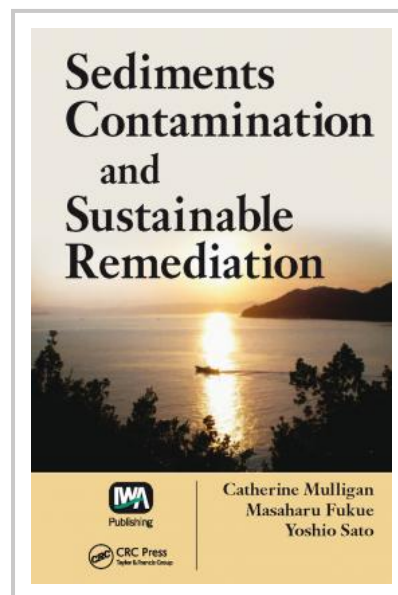


Sediments Contamination and Sustainable Remediation

A comprehensive resource on contaminated sediments, this book opens with discussions of the contamination of sediments resulting from discharge of pollutants, excessive nutrients, and other hazardous substances from anthropogenic activities. It examines impacts observed as a result of these discharges, including the presence of hazardous materials and the phenomenon of eutrophication, and elucidates the remediation techniques developed to restore the health of sediments and how to evaluate the remediation technologies using indicators. The text highlights the problems inherent when dealing with contaminated sediments in rivers, lakes, and estuaries and includes numerous case studies that illustrate key concepts.

CONTENTS

Introduction to Sediment Contamination and Management.
Introduction to Sediments.
Characterization of Contaminated Sediments.
Remediation Assessment, Sampling and Monitoring.
Natural Attenuation/Natural Recovery of Contaminated Sediments.
In Situ Remediation and Management of Contaminated Sediments.
Remediation of Dredged Contaminated Sediments.
Assessment of the Treatment of Sediments.
Current State and Future Directions.
Index
Appendix: Standards and Guidelines.



This title is co-published with **CRC Press**

Publication Date: 22/02/2010
ISBN13: 9781843393009
Pages: 359

Print:
Standard price: £85 / €106 / \$128
Member price: £64 / €80 / \$96

eBook:
Standard price: £85 / €106 / \$128
Member price: £64 / €80 / \$96