



Contaminated Rivers

By Jerry R. Miller

Springer Mrz 2007, 2007. Buch. Book Condition: Neu. 23.5x15.5x cm. Neuware - The geomorphological, surficial and geochemical processes and conditions of rivers require a tailored set of strategies and programs to successfully clean up contaminated river reaches. The primary purpose of this book is not only to provide students and professionals with an introductory understanding of fluvial geomorphic principles but also to explain using a process oriented approach how these geomorphic principles can be integrated with geochemical data to cost-effectively characterize, assess and remediate contaminated river systems. Numerous case studies from North America and many other parts of the world are included.

Audience: Upper level undergraduate and graduate students in geoscience, engineering, environmental science, geography, geochemistry, toxicology, and soil science studying the means to assess, remediate or restore contaminated streams and rivers. It also serves as a reference book for professionals who are working on contaminated aquatic systems, particularly rivers contaminated by trace metals. 'River contamination is a problem of global significance. This book provides a comprehensive and highly readable review of the role of fluvial geomorphic processes in understanding and predicting the dispersal and fate of contaminants in aquatic environments. Aimed at both students and professionals it forms an...



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