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| Nota di contenuto | Improved Quality of Abattoir Wastewater Through Phytoremediation -- Phytoremediation of Contaminated Waters To Improve Water Quality -- On-Site And Full-Scale Applications of Phytoremediation To Repair Aquatic Ecosystems With Excess Metals -- Phytoremediation of Eutrophic Waters -- Phytoremediation of Water And Wastewater: On-Site And Full-Scale Applications -- Interaction of Algae-Bacteria Consortia: A New Application of Heavy Metals Bioremediation -- Heavy Metals Phytoremediation From Urban Waste Leachate By The Common Reed (Phragmites Australis) -- Cyanobacteria as Potential Options For Wastewater Treatment -- Phytoremediation Using Rhizobia -- Phytoremediation of Heavy Metals: The Use of Green Approaches To Clean The Environment -- Phytoremediation Using Leguminous Plants: Managing Cadmium Stress With Application of Arbuscular Mycorrhiza (Am) Fungi -- Phytoremediation of Copper-Contaminated Soil -- Phytoremediation of The Metalloid Selenium In Soil And Water -- Phytoremediation Using Microbial Communities: I -- Phytoremediation |

Using Microbial Communities: Ii -- Effects of Bio-Solids On The Transpiration Rate of Rainbow Pink (*Dianthus Chinensis*) Grown In Cadmium-Contaminated Soils -- Phytoremediation And The Electrokinetic Process: Potential Use For The Phytoremediation of Antimony And Arsenic -- Chromium Phyto-Transformation In Salt Marshes: The Role of Halophytes -- Molecular Mechanisms And The Phytoremediation of Heavy Metals From Coastal Water -- Lichens as An Alternative Biosorbent: A Review -- Phytoremediation In Constructed Wetlands -- Phytoremediation Using Algae And Macrophytes: I -- Phytoremediation Using Algae And Macrophytes: Ii -- Phytoremediation To Remove Metals/Metalloids From Soils -- Phytoremediation Using Terrestrial Plants -- Phytoremediation And Necrophytoremediation of Petrogenic Hydrocarbon-Contaminated Soils -- An Integrated Electrochemical-Phytoremediation Process For The Treatment of Industrial Wastewater -- Metal Accumulation Capability of Weeds And Their Utilization In Phytoremediation Technology.

Sommario/riassunto

Volume two of this dual volume series includes additional examples of the use of green plants and their associated communities to remove, degrade, or stabilize contaminants entering the air, water and soil of a multitude of ecosystems. The chapters in this volume provide additional examples that illustrate how phytoremediation applications can serve as one of several useful components in the overall management and control of contaminants while using relatively low cost solar driven physiological and biochemical mechanisms common in most plants. This text also has the added value of providing remediation options that offer minimal disruption to the ecosystem or habitat under repair. Phytoremediation: Management of Environmental Contaminants, Volume 2 presents its readers with new insights into the advantages and disadvantages of using phytoremediation to manage the continuing threat of ecosystem degradation resulting from the interaction of contaminants and climate change.
