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REACTION

CHAPTER 8: MULTIVARIATE STATISTICAL ASSESSMENT OF HEAVY METAL POLLUTION SOURCES OF GROUNDWATER AROUND A LEAD AND ZINC PLANT
CHAPTER 9: ASSESSMENT OF HEAVY METAL CONTAMINATION OF AGRICULTURAL SOIL AROUND DHAKA EXPORT PROCESSING ZONE (DEPZ), BANGLADESH: IMPLICATION OF SEASONAL VARIATION AND INDICES; PART IV: REMEDIATION OF HEAVY METAL CONTAMINATION;
CHAPTER 10: PHYTOREMEDIATION OF HEAVY METALS: A GREEN TECHNOLOGY; CHAPTER 11: ASSESSMENT OF THE EFFICACY OF CHELATE-ASSISTED PHYTOEXTRACTION OF LEAD BY COFFEEWEED (*Sesbania exaltata* Raf.)
CHAPTER 12: SUSTAINABLE SOURCES OF BIOMASS FOR BIOREMEDIATION OF HEAVY METALS IN WASTE WATER DERIVED FROM COAL-FIRED POWER GENERATION
CHAPTER 13: CHARACTERIZATION OF THE METABOLICALLY MODIFIED HEAVY METAL-RESISTANT *Cupriavidus metallidurans* STRAIN MSR33 GENERATED FOR MERCURY BIOREMEDIATION; A FERRITIN FROM *Dendrorhynchus Zhejiangensis* WITH HEAVY METALS DETOXIFICATION ACTIVITY; AUTHOR NOTES; Back Cover

Sommario/riassunto

Although adverse health effects of heavy metals have been known for a long time, exposure to heavy metals continues and is even increasing in some areas. Remediating heavy metal contaminated soils and water is necessary to reduce the associated health and ecological risks, make the land resource available for agricultural production, enhance food security, and scale down land tenure problems. This book discusses the causes and the environmental impact of heavy metal contamination.
