

1. Record Nr.	UNINA9910765543703321
Autore	Almayyahi Basim
Titolo	Heavy metals : recent advances / / Basim Almayyahi
Pubbl/distr/stampa	London : , : IntechOpen, , 2023
ISBN	1-83768-515-0
Descrizione fisica	1 online resource : illustrations
Disciplina	628.52
Soggetti	Heavy metals - Environmental aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	<p>1. Evaluate the Impact of Soil Contamination on Vegetables and Fruits -- 2. Abattoirs: The Hidden Sources of Plants' Heavy Metals and Other Pollutants in Lagos, Nigeria -- 3. Heavy Metals in Soils Following 50 Years of Sewage Sludge Application -- 4. Some Metals Found in Stored Canned Fish Products Sold in Nigeria -- 5. Birds as Intrinsic Bio-Indicators for Probing Heavy Metal Contamination Signatures in Polluted Environmental Matrices -- 6. Heavy Metals in Surface Soils and Crops -- 7. The Efficiency of Phytoremediation of the Big-Sage Plant in Accumulating Some Heavy Metals in Their Tissues In Vitro -- 8. Perspective Chapter: Environmental Assessment on the Effect of Chemical Waste from Dyeing Industries in Zaria -- 9. Combined Effects of Earthworms and Plant Growth-Promoting Rhizobacteria (PGPR) on the Phytoremediation Efficiency of Acacia mangium in Polluted Dumpsite Soil in Bonoua, Cote d'Ivoire -- 10. Perspective Chapter: Uptake Capacity of Metals (Al, Cu, Pb, Sn, Zn) in Contaminated Water Metal Production Trade Village Dong Xam, Thai Binh, Vietnam by Vetiveria zizanioides -- 11. Heavy Metals in Indonesian Paddy Soils -- 12. Heavy Metal Bioaccumulation in Sediment and Benthic Biota -- 13. Use of Several Pollution Indices for Metal Contamination Assessment in Aquatic Ecosystems, A Case Study, Ebrie Lagoon-Cote d'Ivoire -- 14. Heavy Metal Pollution Resulting from Informal E-Waste Recycling in the Greater Accra Region of Ghana -- 15. Biological Treatment of Heavy Metals with Algae -- 16. Metals as Catalysts for Ozonation -- 17. Advances in the Adsorption Capacity, Rupture Time and Saturation Curve of Natural Zeolites -- 18. Biorefinery for Rehabilitation of Heavy</p>

Metals Polluted Areas -- 19. Perspective Chapter: Removal of Heavy Metals and Salmonella Pathogens from Sewage Sludge Using a Novel Chelating Agent and Its Reuse as a Fertilizer -- 20. New Advancements in the Field of Pollution Treatment, Including Contamination of the Soil and Water.

Sommario/riassunto

Heavy metals can be found everywhere; on Earth, in water, in the food we eat, and even inside our bodies. It is very important to learn more about heavy metals and how they can improve human life, including how to use them and how to avoid harm. This book covers several topics on heavy metals to enrich our knowledge about their effects, removal, and protection.
