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Nota di contenuto	Intro -- Preface -- Contents -- Contributors -- 1 Municipal Solid Waste Landfill Leachate Treatment: A Review -- 1.1 Introduction -- 1.2 Properties/Characteristics of Landfill Leachate -- 1.3 Environmental Issues Posed by Landfill Leachate -- 1.4 Treatment of Landfill Leachate -- 1.5 Conventional Treatment Methods for Landfill Leachate -- 1.6 Integrated Treatment Technologies in Leachate Treatment -- 1.7 Natural Attenuation -- 1.8 Physicochemical Processes -- 1.9 Biological Treatment -- 1.10 Combination of Methods -- 1.11 Conclusion -- References -- 2 An Overview of Existing Municipal Landfill Leachate Treatment Techniques: Opportunities and Challenges -- 2.1 Introduction -- 2.2 Landfill Leachate: Features and Characteristics -- 2.2.1 Color and TDS -- 2.2.2 Organic and Inorganic Pollutants, and Heavy Metals -- 2.2.3 Characteristics of Landfill Leachate -- 2.3

Methods of Landfill Leachate Treatment -- 2.3.1 Biological Treatment Method -- 2.3.2 Physical and Chemical Treatment Method -- 2.3.3 Hybrid Physical/chemical and Biological Methods -- 2.4 Combined Physicochemical Treatment Methods Versus Combined Physicochemical and Biological Treatment Method -- 2.4.1 Selective Effectiveness of Processes -- 2.4.2 Coagulation-Flocculation and Nanofiltration -- 2.4.3 Activated Sludge and Reverse Osmosis -- 2.5 Conclusions -- References -- 3 Treatment Techniques Adopted to Developing Countries -- 3.1 Introduction -- 3.2 Characteristics of Landfill Leachate in Developing Countries -- 3.3 Common Treatment Techniques -- 3.4 Challenges and Limitations in Landfill Leachate Treatment -- 3.5 Emerging Trends and Innovations -- 3.5.1 Advancements in Sustainable Leachate Treatment Approaches -- 3.5.2 Collaborative Strategies for Effective Leachate Management -- 3.6 Environmental and Health Benefits of Effective Landfill Leachate Treatment. 3.7 Strategies for Enhancing Landfill Leachate Treatment in Developing Countries -- 3.8 Conclusion -- References -- 4 Physicochemical and Biological Processing of Municipal Landfill Leachates -- 4.1 Introduction -- 4.2 Leachate: Definition, Composition, and Main Characteristics -- 4.3 The Different Techniques and Methods Recognized to Treat Landfill Leachate -- 4.4 Biological Processes Commonly Used for Urban Wastewater Treatment -- 4.4.1 Natural Lagoons and Aerated Lagoons -- 4.4.2 Activated Sludge -- 4.4.3 Membrane Bioreactors -- 4.4.4 Biological Processes with Fixed Culture or Biofilters -- 4.4.5 Use of Chlorella Microalgae for Wastewater and Leachate Treatment -- 4.5 Leachate Treatment for Biofuel Production -- 4.6 Physical-Chemical Processes for Leachate Treatment -- 4.6.1 Coagulation-Flocculation-Decantation -- 4.6.2 Activated Carbon Filtration -- 4.6.3 Advanced Oxidation Processes by Ozonation, H₂O₂, and/or UV -- 4.6.4 Leachate Treatment by Reverse Osmosis -- 4.6.5 Thermal Processes: Evaporation -- 4.6.6 Treatment of Leachate by Photocatalysis -- 4.7 Conclusion -- References -- 5 Physicochemical Treatment Approaches for Leachate Treatment -- 5.1 Introduction -- 5.2 Characteristics of Landfill Leachate -- 5.3 Treatment Techniques -- 5.4 Physicochemical Treatment Techniques -- 5.4.1 Advanced Oxidation Processes (AOPs) -- 5.4.2 Adsorption -- 5.4.3 Filtration -- 5.4.4 Electrochemical Treatment -- 5.4.5 Coagulation/Flocculation -- 5.5 Integrated Routes for the Leachate Treatment -- 5.6 Conclusion -- References -- 6 Efficient Treatment of Landfill Leachate Via Coagulation-Flocculation: Optimizing Process Conditions -- 6.1 Introduction -- 6.2 Coagulation Flocculation Treatment -- 6.3 Experimental Design -- 6.4 Application -- 6.4.1 Sampling Procedure -- 6.4.2 Leachate Treatment -- 6.5 Conclusion -- References. 7 Leachate Treatment Techniques: A Review of Oxidation and Physical Chemical Methods -- 7.1 Introduction -- 7.2 Types of Pollutants Present in Leachate -- 7.2.1 Pollution by Organic Matter -- 7.2.2 Pollution by Heavy Metals -- 7.2.3 Pollution by Microorganisms -- 7.2.4 Pollution by Nitrogen -- 7.2.5 Fatty Acids -- 7.3 Treatment Techniques -- 7.3.1 Coagulation-Flocculation -- 7.3.2 Precipitation -- 7.3.3 Adsorption -- 7.3.4 Oxidation -- 7.3.5 Evaporation -- 7.3.6 Combined Treatments -- 7.4 Conclusion -- References -- 8 Membranes in Landfill Leachate Treatment: Evaluation of the Generated Concentrate -- 8.1 Introduction -- 8.2 Landfill Leachate Treatment: A Brief Overview -- 8.3 RO Process -- 8.3.1 Fundamental Concepts -- 8.3.2 RO Performance in Landfill Wastewater Purification -- 8.4 Challenges and Prospects -- 8.4.1 Membrane Fouling and Concentrate Management -- 8.4.2 Membrane Concentrate Management-a Case

Study Using Experimental Landfill Cells -- 8.4.3 Prospects: Waste-to-Resource Approach -- 8.5 Concluding Remarks -- References -- 9 A Review of Strategies for Managing Membrane Concentrate from Landfill Leachate Treatment Facilities -- 9.1 Introduction -- 9.2 Composition of LLMCs -- 9.3 Overview on Strategies for LLMC Management -- 9.3.1 Infiltration of Concentrate Stream into the Landfill -- 9.3.2 Leachate Membrane Concentrate Treatment -- 9.4 Summarising the Management Practices: Advantages and Bottlenecks -- 9.5 Conclusions -- References -- 10 Advanced Oxidative Processes as Treatment for Landfill Leachate -- 10.1 Introduction -- 10.2 Advanced Oxidative Processes -- 10.2.1 Fenton Process -- 10.2.2 Photo-Fenton Process -- 10.2.3 Ozone-Based Processes -- 10.2.4 Heterogeneous Photocatalysis -- 10.3 Conclusion -- References.

11 Statistical Evaluation of the Effectiveness of Electrocoagulation Using Iron Electrodes for the Treatment of Leachate Effluent -- 11.1 Introduction -- 11.2 Methodology -- 11.2.1 Description of the Study Site -- 11.3 Results and Discussions -- 11.3.1 Effluent Characterization Before Treatment -- 11.3.2 Result of the Evaluated Parameters -- 11.3.3 Analysis of the Response Surface of the Dependent Variables -- 11.3.4 Assessment of Electrocoagulation Operating Parameters. -- 11.4 Conclusion -- References -- 12 Electrochemical Processes for Stabilized Landfill Leachate Treatment: A Brief Review -- 12.1 Introduction -- 12.1.1 Characteristics of Landfill Leachate -- 12.1.2 Physicochemical Treatment of Stabilized Landfill Leachate -- 12.1.3 Electrochemical Process for Stabilized Leachate -- 12.2 Electrocoagulation -- 12.2.1 Principles and Mechanism of Electrocoagulation -- 12.2.2 Factors Influencing the Performance of Electrocoagulation Process -- 12.2.3 Performances and Applications of Electrocoagulation for Leachate Treatment -- 12.3 Electro-Fenton -- 12.3.1 Principles and Mechanism of Electro-Fenton -- 12.3.2 Factors Influencing the Performance of Electro-Fenton Process -- 12.3.3 Performances and Applications of Electro-Fenton for Leachate Treatment -- 12.4 Electrochemical Oxidation -- 12.4.1 The Principles and Mechanisms of Electrochemical Oxidation -- 12.4.2 Factors Influencing the Performance of Electrochemical Oxidation Process -- 12.4.3 Performance and Application of Electrochemical Oxidation for Leachate Treatment -- 12.5 Advantages and Limitations of Electrochemical Processes for Leachate Treatment -- 12.6 Future Perspective of the Electrochemical Process for Leachate Treatment -- 12.7 Conclusion -- References -- 13 Mini-Review on Aged Refuse Bioreactors for Landfill Leachate Management -- 13.1 Introduction -- 13.2 Aged Refuse Bioreactors. 13.2.1 Construction and Operation -- 13.2.2 Operating Parameters and Influencing Conditions -- 13.3 Leachate Treatment Performance of Aged Refuse Bioreactors -- 13.4 Leachate Treatment Layout: Low-Cost Configurations for Small Landfill Sites in Developing Countries -- 13.5 Conclusions -- References -- 14 Assessment of the Effectiveness of Ouled Berjal Landfill Leachate Treatment by Sequential Batch Reactor Technique: Elimination of Nitrogen Pollution, Phenolic Compounds, and Phytotoxicity -- 14.1 Introduction -- 14.2 Experimental Details -- 14.2.1 Sanitary Landfill Leachate Sample -- 14.2.2 Experimental Procedure -- 14.3 Results and Discussions -- 14.3.1 Characteristics of the Landfill Leachate -- 14.3.2 Elimination of Ammoniacal Nitrogen -- 14.3.3 Elimination of Nitrites and Nitrates -- 14.3.4 Elimination of Phenol and Abs 254nm -- 14.3.5 Reduction of Phytotoxicity -- References -- 15 Filtration Technique for Leachate Using Recycled Coarse Aggregate -- 15.1 Introduction -- 15.2 Background Study --

15.3 Research Gap/Objective -- 15.4 Methodology -- 15.5 Materials --
15.6 Experimental Investigation -- 15.7 Results and Discussions --
15.8 Pilot Study-3 -- 15.9 Pilot Study-4 -- 15.10 Conclusion --
References -- 16 Performance Comparison of Conventional Method
and Ultrafiltration in the Pretreatment of Landfill Leachate -- 16.1
Introduction -- 16.2 Part 1. Literature Review -- 16.2.1
Physicochemical and Biochemical Characteristics of LFL -- 16.2.2 LFL
Treatment Processes -- 16.3 Part II. Pretreatment of LFLs by Coag-Floc
and UF -- 16.3.1 Study Zone (Landfill of Oum Azza) -- 16.3.2 Materials
and Methods -- 16.3.3 Results and Discussion -- 16.3.4 General
Conclusion -- References.

Sommario/riassunto

This book is a ready reckoner of recent information regarding the impact of leachate landfills, leachate treatment, and heavy metals on a single platform. The amount of waste is constantly growing due to population growth and the evolution of socioeconomic activities. Burying this waste produces leachate, a contaminated effluent created during the decomposition of organic waste and containing harmful substances like heavy metals, polyphenols, volatile organic compounds, and microorganisms. These effluents emit unpleasant odors associated with ammonium ions. These discharges significantly impact the environment. As a result, the master's and doctoral academics, researchers, and students will be able to comprehend the most recent developments in municipal solid waste landfill operations, supporting their research. This book inspires readers on how to deal with environmental pollution problems due to leachate contamination in freshwater and agricultural soils using a variety of technologies.
