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Nota di contenuto	Section 1: Landfill Leachate in general -- Section 2: Leachate characteristics -- Section 3: Leachate measurements -- Section 4: Leachate impact -- Section 5: Leachate treatment.
Sommario/riassunto	This book examines the issue of solid waste generation and management as a worldwide phenomenon, focusing on strategies that facilitate the disposal and utilization of waste while ensuring environmental integrity and meeting the needs of future generations. The process of urbanization, particularly in densely populated cities, has resulted in a notable increase in the production of solid waste. Unfortunately, the current management system employed by the government, as well as the available resources and technical capabilities, is insufficient in effectively addressing this issue. As a result, the accumulation of solid waste in the environment continues to

rise, causing adverse impacts on both the natural surroundings and human well-being. The contamination of the air, soil, and water directly stems from this mounting waste. To confront this global challenge, determined efforts are being made to manage and diminish the volume of solid waste, with the ultimate goal of safeguarding the environment and preserving the welfare of future generations. Furthermore, the book delves into various sustainable development approaches, such as Gasification and Ash Melting, Anaerobic Digestion, and Composition. Additionally, it highlights the recent advancements in these techniques by scientists, which contribute to promoting sustainable solid waste management.