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Nota di contenuto	Cover -- Title Page -- Copyright -- Contents -- List of Contributors -- Preface -- Acknowledgment -- Chapter 1 An Introduction to Electronic Waste -- 1.1 Introduction -- 1.2 Generation and Composition of E Waste -- 1.3 Present Status of EWaste Management and Recycling -- 1.3.1 Pyrometallurgical Process -- 1.3.2 Hydrometallurgical Process -- 1.3.3 Biometallurgy -- 1.4 Comparative Assessment of the Metallurgical Options for Metal Recovery -- 1.5 Future Prospects -- 1.6 Conclusion -- References -- Chapter 2 The Global Challenge of E Waste Generation -- 2.1 Introduction -- 2.2 The Fate of Steel and Al Alloys -- 2.3 The Fate of Synthetic Polymers -- 2.4 The Fate of Glass Present in EWaste -- 2.5 The Fate of Geochemically Scarce Elements in Electric and Electronic Components of EWaste -- 2.6 What Happens to Other Significant Constituents of EWaste? -- 2.6.1 Lilon Batteries -- 2.6.2 Refrigerants -- 2.6.3 Phosphors and Hg Used in Fluorescent Lamps -- 2.7 Conclusion: The Global Challenge of E Waste -- References
Sommario/riassunto	This book, 'Management of Electronic Waste: Resource Recovery, Technology and Regulation,' edited by Anshu Priya, provides a

comprehensive overview of electronic waste (e-waste) management, focusing on resource recovery, technological advancements, and regulatory frameworks. It addresses the global challenge of e-waste generation, examining its composition, collection, and treatment processes. The book explores the environmental and health impacts of e-waste processing, emphasizing the importance of recycling and transitioning to a circular economy. It also covers innovative methods such as bioleaching and bioprocessing for metal recovery. The book is aimed at professionals, researchers, and policymakers involved in waste management and environmental sustainability.
