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Nota di contenuto	Intro -- Contents -- Preface -- Chapter 1 -- Sandy Soil: Advantages and Disadvantages -- Abstract -- Introduction -- Sandy Soil -- Advantages -- Disadvantages -- Physical and Hydrological -- Chemical and Agronomical -- Biological and Ecological -- Managing Sandy Soil -- Agroforestry Approach -- Soil Amelioration -- Natural Materials -- Microbial Mineralization -- Technology Application -- Fertilisation -- Remediation Potential -- Agricultural Wastes -- Reinforcement Soil -- Conclusion -- References -- Chapter 2 -- Improving Physical Properties of Sandy Soil by Si-Rich Amendments -- Abstract -- Introduction -- Materials and Methods -- Greenhouse -- Field Test -- Statistical Analysis -- Results and Discussion -- Greenhouse Test -- Field Test -- Discussion -- Conclusion -- References -- Chapter 3 -- Profiles and Distribution Patterns of Different Metal Ion Contaminants in the Sandy Soil Landfill Areas -- Abstract -- Introduction -- Sandy Soil Properties -- Landfill Soil Contamination -- Methodology -- Soil Sampling -- Landfill Soil Preparation Using the Acid Microwave Digestion Process -- Results and Discussion -- Conclusion -- References -- Chapter 4 -- The Physical and Chemical Properties of Water and Sandy Soil Found in the Ex-Mining Lake Regions in Malaysia -- Abstract -- Introduction -- Water Issue at Ex Mining Areas and Lake

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Sommario/riassunto

"This book presents the significant values of the sandy soil properties, which include biotic and abiotic components, soil protection, soil amelioration, ecological indicators, and, differing from other books, Forest Therapy concept implementation at sandy soil Heath Forest area for potential healthcare enhancement. This book may benefit people from different fields, including ecologists, landscape architects, researchers, students, etc., to understand in-depth sandy soil properties, characteristics, and functional values"--