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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I Characteristics of Salt-Affected Soil and its Amelioration by Trees -- Concepts Concerned with Salt-Affected Soil -- Part II Principles and Practice of Afforestation in Saline Soil -- Mechanism of salinity tolerance and techniques of trees planting -- Part III Saline Soil Utilization for Biomass Production -- Potential and future prospects of biomass production in saline soils -- Part IV Wetland Degradation and Water Shortage in Yellow River Delta Region -- Causes of Wetland Degradation and Ecological Restoration -- PartV Case Study -- Planting Techniques of Tamarix Chinensis and Its Effect on Saline Soil Remediation.- Cultural Technologies and Salt-resistance of Nitraria sibirica in Coastal Areas with Serious Salt-affected soil.

Sommario/riassunto

The most recent advances in research on coastal saline soil rehabilitation and utilization based on forestry approach are discussed. The forestry approach is emphasized rather than physical or engineering measures to ameliorate saline soils, which is significant for coastal environmental improvement and land resources expansion. The monograph is a useful reference for researchers using techniques of ecology, forestry and agronomy. Prof. Jianfeng Zhang works at the Institute of Subtropical Forestry, Chinese Academy of Forestry. He has been working on afforestation in saline soils for over 20 years.
