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Nota di contenuto	Chapter. 1. Introduction to Phytosequestration - Strategies for Mitigation of Aerial Carbon Dioxide and Aquatic Nutrient Pollution -- Chapter. 2. Global Climate: Chronological Perspective -- Chapter. 3. Sources and Monitoring Tools of Atmospheric Carbon Dioxide -- Chapter. 4. Global Warming: Impacts of Temperature Escalation -- Chapter. 5. Carbon Capture and Storage -- Chapter. 6. Future Climate through the Window of Climate Models -- Chapter. 7. Societal Responses to Anthropogenic Climate Change -- Chapter. 8. Monitoring of Nutrient Pollution in Water -- Chapter. 9. Impacts of Nutrient Pollution -- Chapter. 10. Phytomediation of Nuisance Pollution.
Sommario/riassunto	Most imperative environmental concerns are Cultural eutrophication pertaining to industrialization and urbanization which lead to proliferation of weeds in aquatic environs disturbing these ecosystems. Alarming increase in CO2, CH4, CFC's, N2O and water vapour in the atmosphere cause enhanced greenhouse effect, among all these CO2 is

accountable for 55-60 % of total enhanced effect. Phyto- and Nutrient sequestration via plants helps storage of atmospheric CO₂ in the vegetation to get rid of contaminants. Carbon and nutrient sequestration can be braided together for sustainable development goals. The chapters adopt the hierarchy as follows: significance of quality environs, quantification and bio-monitoring of culprit contaminants, the issues relevant to global warming and accelerated eutrophication and their ecological impacts followed by various sequestration technologies.
