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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Major Issues of Air Pollution -- Air Quality Issues -- Needs and Perspectives of Sustainable Air Pollution Management -- Fundamentals of Treatment, and Process Design for Air Pollution Control -- Sustainable Industrial Air Pollution Management -- Sustainable Air Pollution Management in Transportation Sector -- Sustainable Fuel Management -- Air Pollution and Disasters -- Safety Issues in Sustainable Air Pollution Management.
Sommario/riassunto	This work is intended as a textbook on the theory and practice of sustainable air pollution management. The book discusses the fundamental aspects of traditional air pollution topics as well as some more advanced topics (such as atmospheric brown cloud, trans-boundary movement of air pollutants, air transportation of radioactive material, biological air pollutants, etc.). Though much has been written about theory of Air Pollution Management, it is still not practiced in society for a variety of reasons. Having worked at the grass roots level and travelled extensively, the authors have captured useful, cost-

effective and successfully implemented practices with their cameras and notebooks. The non-technical issues that are often seen as a hindrance to adopting sustainable solutions due to political, legal and social factors are also addressed to enable readers to understand a different dimension of social problems. Topics covered include selecting a separation process, process description, materials selection logic, implementation etc. Theory, design and operation specifications are also included for each air pollution management option. The book is an excellent guide for those readers looking to understand and practice sustainable air pollution management. Readers also learn how energy-efficient and cost-effective methods can be successfully used to reduce the production of contaminants, providing cleaner air.