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Titolo	Measurement, Analysis and Remediation of Environmental Pollutants // edited by Tarun Gupta, Swatantra Pratap Singh, Prashant Rajput, Avinash Kumar Agarwal
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Nota di contenuto	Quantification of Airborne Particulate And Associated Toxic Heavy Metals in Urban Indoor Environment and Allied Health Effects -- In-Situ Measurements of Aerosols from the High-Altitude Location in the Central Himalayas -- Significant Annual Variation in Atmospheric Pollutants during Fireworks Festival, 'Diwali' in Capital City of India -- Organic Air Pollutants: Measurement, Properties & Control -- Emissions of Particle-Bound Metals from On-Road Vehicle Emission: An Assessment of Potential Health Risk -- Chemical Composition Analysis of Airborne Coarse Particles and Their Source Apportionment at Kanpur -- Analysis of the Aerosols Environment in an Urban Context and Their Impact On Regional Meteorology -- Calipso Retrieval of Smoke Aerosols Over Upper Indo-Gangetic Plain -- Spatio-Temporal Study of Optical and Microphysical Properties of Atmospheric Brown Clouds Over the Indo-Gangetic Plains -- Spatial Variation of Airborne Allergenic

Fungal Spores in the Ambient Pm2.5 — A Study in Rajkot City, Western Part of India -- Bioaerosol Health Effects from Molecular to Global Scales -- Measurement, Analysis and Remediation of Biological Pollutants in Water -- Fundamentals of Measurement, Analysis, and Treatment of Selenium in Water -- Bioleaching of Selected Metals from E-Waste using Pure and Mixed Cultures of Aspergillus Species -- Recent Advances In Micro-Extraction Based Analytical Approaches For Pesticides Analysis In Environmental Samples -- Degradation and Removal of Anticonvulsant Drugs Through Microorganisms: A Review -- Remediation Approaches for Hexavalent Chromium -- Mercury and Its Remediation -- Oxidative Potential of Particulate Matter: A Prospective Measure to Assess Pm Toxicity -- Monitoring and Processing of Data for Effective Wasteload Allocation Modeling: Indian Perspective -- Methane Emission from Municipal Solid Waste Landfills – Estimation and Control -- Low-Cost Adsorptive Removal Techniques for Pharmaceuticals and Personal Care Products -- Measurement, Analysis, and Remediation of Bisphenol-A from Environmental Matrices -- Removal of Chromium Ions from Aqueous Solution using Eco-Friendly Based Adsorbents.

Sommario/riassunto

This book discusses contamination of water, air, and soil media. The book covers health effects of such contamination and discusses remedial measures to improve the situation. Contributions by experts provide a comprehensive discussion on the latest developments in the detection and analysis of contaminants, enabling researchers to understand the evolution of these pollutants in real time and develop more accurate source apportionment of these pollutants. The contents of this book will be of interest to researchers, professionals, and policy makers alike.
