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Nota di contenuto	Low-cost dust sensors: Contemporary approach of construction dust monitoring -- Multifractal cross correlation analysis of particulate matter concentrations -- Comparative analysis of machine learning classification techniques for forecasting the PM2.5 category -- Image based air quality estimation using DINOv2 -- The role of precursor gases and meteorological parameters on surface O3 over Bangalore city, southern part of India -- Multigas monitoring using hollow core waveguide -- Laser-assisted techniques for trace gas sensing and measurements.
Sommario/riassunto	This book presents select proceedings of the Indian International Conference on Air Quality Management (IICAQM) and examines the latest advancements in theories, technologies, and applications in the

area of air quality management and health impacts. The topics covered include modelling, monitoring, and managing urban air quality and sustainably achieving clean air and healthy urban conditions. The book also discusses air pollution in urban areas involving multiple processes, such as the generation of pollutants and their release from a source, their transport and transformation, removal from the atmosphere and their effects on human health, visibility, materials, and ecosystems. The book is a valuable reference for researchers and professionals interested in air quality management and allied fields.
