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Descrizione fisica	1 online resource (249 pages)
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Soggetti	Air - Pollution Waste gases Hazardous waste site remediation Greenhouse gas mitigation
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Nota di contenuto	part 1. Introduction : where we came from and where we're headed -- part 2. Waste incineration -- part 3. Vehicle and transportation emissions -- part 4. Emissions from fuel and electricity production -- part 5. Residential emissions.
Sommario/riassunto	This title includes a number of Open Access chapters. This new compendium volume examines the significant impact of air quality on human health. Assessing air pollution in complex morphologies has become an important issue in order to implement mitigation measures and limit emissions from the most relevant sources, such as waste incineration, traffic emissions, emissions from fuel and electricity production, and household emissions. These pollutants result in adverse health effects, material damage, damage to ecosystems, and global climate change. The book looks at these issues and is divided into several sections, covering air pollution and where we came from and where we're headed waste incineration and its impact on air quality air pollution vehicle and transportation emissions emissions

from fuel and electricity production The chapters in Pollution and the Atmosphere: Designs for Reduced Emissions contain recent research looking at the two major components of air pollution: air pollution control and air-quality engineering. Air pollution control focuses on the fundamentals of air pollutant formation in process technologies and the identification of options for mitigating or preventing air pollutant emissions. Air quality engineering deals with large-scale, multi-source control strategies, with focus on the physics and chemistry of pollutant interactions in the atmosphere.