

1. Record Nr.	UNINA9910452457203321
Titolo	Air quality in the 21st century [[electronic resource] /] / Gaia C. Romano and Alice G. Conti, editors
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2010
ISBN	1-61761-390-8
Descrizione fisica	1 online resource (408 p.)
Altri autori (Persone)	RomanoGaia C ContiAlice G
Disciplina	628.5/3
Soggetti	Air quality management Air pollution Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>""AIR QUALITY IN THE 21ST CENTURY""; ""AIR QUALITY IN THE 21ST CENTURY""; ""Library of Congress Cataloging-in-Publication Data""; ""CONTENTS""; ""PREFACE""; ""Chapter 1: PARAMETERS CONTROLLING AMBIENT AIR BENZENE CONCENTRATIONS AND HUMAN EXPOSURE IN A MEDIUM SIZED SOUTHEASTERN EUROPEAN CITY""; ""Chapter 2: METEOROLOGICAL ASPECTS OF AIR QUALITY""; ""Chapter 3: A QUANTITATIVE COMPARISON OF ANGSTROMa€?S TURBIDITY PARAMETERS (I_±,I²) RETRIEVED IN DIFFERENT SPECTRAL RANGES BASED ON SPECTRAL SOLAR EXTINCTION MEASUREMENTS"" ""Chapter 4: SIMULTANEOUS EVALUATION OF ODOR EPISODES AND AIR QUALITY.METHODOLOGY TO IDENTIFY AIR POLLUTANTS AND THEIR ORIGIN COMBINING CHEMICAL ANALYSIS (TD-GC/MS),SOCIAL PARTICIPATION, AND MATHEMATICAL SIMULATIONS TECHNIQUES"""" Chapter 5: LICHEN BIOMONITORING OF AIR POLLUTION: ISSUES FOR APPLICATIONS IN COMPLEX ENVIRONMENTS""; ""Chapter 6: HYDROCARBON CONTAMINATION AND ENVIRONMENTAL HEALTH QUALITY: AN OVERVIEW""; ""Chapter 7: BIVARIATE STOCHASTIC VOLATILITY MODELS APPLIED TO MEXICO CITY OZONE POLLUTION DATA""; ""Chapter 8: OPTIMIZATION APPROACHES FOR AIR QUALITY MONITORING NETWORK DESIGN""</p>

""Chapter 9: SENSITIVITY OF LAND USE PARAMETERS AND POPULATION
ON THE PREDICTION OF CONCENTRATION USING THE AERMOD MODEL
FOR AN URBAN AREA""""Chapter 10: SOLAR RADIATION AND CFD
PHOTOCHEMICAL MODELING IN THE URBAN CANOPY""; ""INDEX""

Sommario/riassunto

This book presents the latest research on the crucial issues and the standards necessary to assess, monitor and increase air quality. Particular emphasis is paid to problems related to urban air quality.