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"This suggests the synergetic mechanism of complex air pollution formation is ... Ozone, and PM2.5 Pollution: Quantification Methods, Formation Mechanisms, Simulation, and Control, Advances ...

Better understanding air pollution mechanisms

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Jul 02, 2021 (The Expresswire) -- "Final Report will add the analysis of the impact of COVID-19 on this industry." Global "Air Quality Monitors ...

Air Quality Monitors Market Size, 2021 Future Trends, Share, Competitive Analysis and Growth in Future, Global Analysis by Forecast to 2026

The institute developed that certification through research and experience to determine how to ensure better air quality for buildings.

Indoor Air Hygiene Institute Establishes Certification for Building Air Quality

The announcement of the release of a new Global Air Quality Apps Market 2021 by Company, Regions, Type and Application, Forecast to 2026 has been affirmed, providing various levels of analysis such as ...

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Individual responses to air pollution are shaped by the interface of pollutant mixture with the biological features of the exposed individual, such as age, sex, and genetic background, but also ...

Research explores how exposure to air pollution increases risk for neurodegeneration

Thousands of schools have spent millions of federal COVID-19 relief dollars snapping up air cleaning technology that claims to inactivate COVID-19. But the devices fall into a regulatory gap.

Government Oversight of COVID-19 Air Cleaners Leaves Gaping Holes
DUBLIN, July 07, 2021--(BUSINESS WIRE)--The "Air ... Air Quality)

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objectives. Each of these IAQ objectives has its own specific scope, targets and associated operational practices. The AIRMEX ...

Global Air Quality Monitoring Market (2021 to 2026) - Growth, Trends, COVID-19 Impact and Forecast - ResearchAndMarkets.com

There is growing awareness that air pollutants are playing a critical role in the development of neurodegenerative diseases. A new book, Alzheimer's Disease and Air Pollution: The Development and ...

Research findings on the links between air pollution and neurodegeneration

BL Media/ - CleanTech startup Standard Biocarbon Corporation (SBC), announced today an agreement with Germany's Pyreg GmbH (Pyreg) for exclusive use regionally of their technology for processing ...

Standard Biocarbon Corporation and Germany's PYREG GmbH Sign Exclusivity and Distribution Agreement

Gov. John Bel Edwards has signed into law a program allowing industrial facilities to conduct self audits for certain pollution accidents. The new law will allow those facilities to keep the records ...

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New Louisiana law keeps some industrial pollution accidents hidden from the public

Domestic burning of wood and dung fuels in Neolithic homes would have exceeded modern internationally agreed standards for indoor air quality, exposing inhabitants to unsafe levels of particulates, ...

Prehistoric homes would have failed modern air quality tests
With a fledgling air quality monitoring system and a rising death toll related to pollution, now African scientists have embarked on a research assessment to save the continent from more air-borne ...

Africa: Scientists in Joint Plan to Stop Air Pollution
with pollution-related cancer risk from the Environmental Protection Agency's 2005 National Air Toxics Assessment. It also accounts for race and poverty status, using data from the U.S. Census ...

Air Pollution Could Be Causing Higher Cancer Rates in Louisiana's Low-Income Communities: Tulane Study

Domestic burning of wood and dung fuels in Neolithic homes would have exceeded modern internationally-agreed standards for indoor air quality, exposing inhabitants to unsafe levels of particulates.

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"The combination of scientific and institutional integrity represented by this book is unusual. It should be a model for future endeavors to help quantify environmental risk as a basis for good decisionmaking."--William D. Ruckelshaus, from the foreword. This volume, prepared under the auspices of the Health Effects Institute, an independent research organization created and funded jointly by the Environmental Protection Agency and the automobile industry, brings together experts on atmospheric exposure and on the biological effects of toxic substances to examine what is known--and not known--about the human health risks of automotive emissions.

Urban Management Program Series Paper 14. A recent evaluation of urban research in developing countries noted that scant data are available on the urban environment, as little research has been done on the topic. This first volume in a two-volume set describes the development

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of a three-step evaluation process whereby data are collected and analyzed to support the involvement of stakeholders, suggests future directions and improvements, and summarizes results from use of the approach in selected cities. The second of a two-volume set (see below) contains tools that practitioners and researchers can apply directly in the field. See also Volume 2 (ISBN 0-8213-2791-7) Stock No. 12791.

Fundamentals of Air Pollution, Second Edition discusses the basic chemistry, physics, and engineering of air pollution. This edition explores the processes and equipment that produce less pollution in the atmosphere. This book is comprised of six parts encompassing 28 chapters. This text starts with an overview of the predominant air pollution problems during the Industrial Revolution, including smoke and ash produced by burning oil or coal in the boiler furnaces of power plants, marine vessels, and locomotives. This edition then explores the mathematical models of atmospheric transport and diffusion and discusses the air pollution control in communities.

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Other chapters deal with atmospheric chemistry, control technology, and visibility through the atmosphere. This book further examines the regulatory concepts that have become more significant, such as the bubble concept, air quality, emission standards, and the trading and banking of emission rights. Air pollution scientists, atmospheric scientists, ecologists, engineers, educators, researchers, and students will find this book extremely useful.

Spatiotemporal Analysis of Air Pollution and Its Application in Public Health reviews, in detail, the tools needed to understand the spatial temporal distribution and trends of air pollution in the atmosphere, including how this information can be tied into the diverse amount of public health data available using accurate GIS techniques. By utilizing GIS to monitor, analyze and visualize air pollution problems, it has proven to not only be the most powerful, accurate and flexible way to understand the atmosphere, but also a great way to understand the impact air pollution has in diverse populations. This book is essential reading for novices and experts in atmospheric science, geography and any allied fields investigating air pollution. Introduces readers to the benefits and uses of geo-spatiotemporal analyses of big data to reveal new and greater understanding of the intersection of air pollution and health Ties in machine learning to

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improve speed and efficacy of data models Includes developing visualizations, historical data, and real-time air pollution in large geographic areas

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