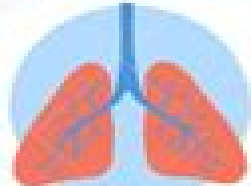


# AIR POLLUTION



STRESS TO  
HEART



STRESS TO  
LUNGS



ASTHMA



SHORTENED  
LIFE SPAN



EYE  
IRRITATION



HARM TO  
BLOOD

## WHO IS MORE AFFECTED



PEOPLE WITH  
HEART DISEASE



PEOPLE WITH  
LUNG DISEASE



PREGNANT  
WOMEN



CHILDREN  
UNDER 14



OUTDOOR  
WORKERS



ELDERLY  
PEOPLE

## HOW TO PROTECT YOURSELF



RESEARCH POLLUTION  
LEVEL IN YOUR AREA



AVOID HIGH TRAFFIC  
ROADS



WORK OUT IN  
THE MORNING



AVOID  
SMOKING



EAT FOOD FULL  
OF VITAMIN C



AVOID EXERCISING  
OUTDOORS

# Air Pollution Physiological Effects

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## **Air Pollution Physiological Effects:**

**Air Pollution: Physiological Effects** James Mcgrath,2014-09-12 Air Pollution Physiological Effects focuses on the physiological effects of air pollution and reviews research findings concerning physiological responses to air pollutants such as oxidant gases sulfur dioxide carbon monoxide and particulates Topics range from cellular cytotoxicity and lung infections to carbon monoxide toxicity deposition of aerosols to the respiratory airway physiological effects of cotton dusts and lead dusts and workers exposure to dust at high altitude This book is organized in three sections and is comprised of 11 chapters The discussion begins with an overview of cellular cytotoxicity and the biochemical basis of oxidative cell killing The reader is methodically introduced to the effects of minute concentrations of pollutants on animal respiratory defenses air pollution by sulfur products and mechanisms of carbon monoxide toxicity Consideration is also given to alterations in airway mechanics that occur with exposures to ozone nitrogen dioxide and sulfur dioxide as well as the mechanisms that might be responsible for these changes in breathing mechanics The rest of the book discusses both particulate silica diesel cotton and lead dusts pollution and the special physiological problems posed by working at high altitudes in dusty environments This book will be useful not only to environmental health scientists but also to students and researchers in areas peripheral to environmental physiology

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**Smoke Investigation** Mellon Institute of Industrial Research,1913 **SPECIFIC INDUSTRIES SMOKE INVESTIGATION** Mellon Institute of Industrial Research,Mellon Institute of Industrial Research and School of Specific Industries (University of Pittsburgh),1912 **The Industrial Arts Index** ,1930 American Journal of Public Health ,1920 De Lamar Lectures ,1928 **Health Effects of Ambient Air Pollution** Jane Q. Koenig,2000 Health Effects of Ambient Air Pollution provides the reader with an overview of the health effects of air pollution in human subjects The majority of the

book is devoted to the discussion of the health effects of common widespread air pollutants regulated by the U S Environmental Protection Agency through national ambient air quality standards The book reviews the sources and fate of common air pollutants in ambient air and researches the adverse effects of these outdoor and indoor air pollutants in in vivo cell systems animals and humans Research for the book was conducted in controlled laboratory studies and epidemiologic studies Special emphasis throughout Health Effects of Ambient Air Pollution is placed on the effects of air pollution in subjects with asthma

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