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# Environmental Health in the 21st Century

## From Air Pollution to Zoonotic Diseases

Richard Crume, Editor

**2 VOLUMES**

As technology enables better insight into the world we live in, we are increasingly aware of environmental health concerns and risks, from contaminated air and water to infectious diseases and light and noise pollution. Because the quality of our lives depends on the quality of our environment, everyone should be informed about issues in environmental health. *Environmental Health in the 21st Century: From Air Pollution to Zoonotic Diseases* presents hundreds of encyclopedic entries written by expert researchers and practitioners, a history of environmental health, and interviews with subject experts that broadly survey the field of environmental health.

The set covers myriad subjects in environmental health, including all types of environmental pollution; the spread of communicable diseases and other issues in the health sciences; waste management practices; the effects of climate change on human health; children's environmental health concerns; environmental health problems unique to the urban environment; and emerging threats such as the Zika virus and hospital-acquired infections. Readers will learn about steps they can take to reduce their environmental risk, understand the effects of key international treaties and conventions and the contributions of key figures in environmental health, and also reflect on potential solutions for global challenges in environmental pollution, health sciences, energy and climate, waste management, and the built environment. No other book on the market today addresses the environmental health field in such a comprehensive manner, with the latest information provided by expert practitioners, all packed into two concise volumes.

### FEATURES

Supplies introductory materials that provide a conceptual framework for readers

Includes contributions from more than 50 expert researchers and practitioners as well as information from interviews with leaders in the environmental health field

Presents historical context for current developments concerning environmental health

Offers suggestions on steps individuals can take to reduce their environmental health risk and stay healthy

**Richard Crume** is an environmental consultant, educator, and journalist with over 40 years of experience in the environmental health field, including 25 years with the U.S. Environmental Protection Agency (EPA), where he led program planning and execution for the nation's air quality program. Additionally, he taught university classes for many years on air pollution, climate change, renewable energy, and green building design. Crume recently drafted the American Public Health Association's national policy on air pollution and the Clean Air Act, and as an experienced technical editor, he has academic clients throughout the world. Crume is a member of the National Association of Science Writers and the Society of Environmental Journalists, and he is professionally registered with the Institute of Professional Environmental Practice and the International Board for Certification of Safety Managers. He has nearly 100 technical papers, presentations, and seminars, including a number of feature articles in *Solar Today* magazine. Crume was awarded the U.S. EPA's Gold Medal for Excellence and the Suzanne E. Olive Award for Exemplary Leadership, both national awards recognizing professional contributions to the environmental field.