

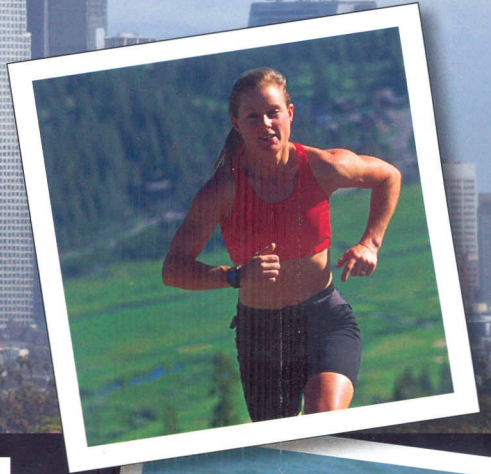
# em

THE MAGAZINE FOR ENVIRONMENTAL MANAGERS

**Also in this issue:**  
Competitive Strategy: Size Matters  
PM File: Reaching Consensus  
Waste 101: Environmental Flows

## Air Pollution and Health

Understanding the relationships between air pollution levels and human health outcomes





NEXT MONTH:  
Sustainable Supply Chains



## FEATURES

### Air Pollution and Health: Understanding the Relationships between Air Pollution Levels and Human Health Outcomes

by S. Trivikrama Rao, J. David Mobley, and Bryan Hubbell, U.S. Environmental Protection Agency; and P. Steven Porter, University of Idaho

During the past four decades, the U.S. Environmental Protection Agency (EPA) has made substantial progress in improving the nation's air quality, even in the presence of economic and population growth. Nevertheless, air pollution continues to be a major issue for vulnerable populations. New research efforts are underway to address air pollution and associated health issues and the health community perseveres in its search for better methods to discern pollutant-health relationships. This issue of *EM* is intended to foster better communication between the health and atmospheric science communities by improving our understanding of the relationships between air pollution and human health.

Page 6

### Current State of the Evidence: Air Pollution Impacts on Human Health

by Francine Laden, Harvard School of Public Health; and Lucas Neas, U.S. Environmental Protection Agency

Page 8

### New Directions in Understanding Relationships between Air Pollution and Health Outcomes

by Ronald Wyzga, Electric Power Research Institute; and Joe Mauderly, Lovelace Respiratory Research Institute

Page 14

### Examination of Different Exposure Metrics in an Epidemiological Study

by Halük Özkaynak and Vlad Isakov, U.S. Environmental Protection Agency; Stefanie Sarnat and Jeremy Sarnat, Emory University; and Jim Mulholland, Georgia Institute of Technology

Page 22

### Using Models to Enhance Exposure Characterization for Air Pollution Health Studies

by Valerie Garcia, U.S. Environmental Protection Agency; and Sean Beevers, King's College London

Page 28

### Exposure Science: Improving the Basis for Effectively Setting, Implementing, and Communicating the National Ambient Air Quality Standards (NAAQS)

by Karen Wesson, Bryan Hubbell, Tyler Fox, Fred Dimmick (retired), and Linda Sheldon, U.S. Environmental Protection Agency

Page 34

### Understanding the Spatio-Temporal Variability in Air Pollution Concentrations

by S. Trivikrama Rao and J. David Mobley, U.S. Environmental Protection Agency; P. Steven Porter, University of Idaho; and Fintan Hurley, Institute of Occupational Medicine Centre for Health Impact Assessment

Page 42

## COLUMNS

### EPA Research Highlights:

#### EPA's Homeland Security

Research Program . . . . . 49

by Peter Jutro

### Asian Connections: Advancing Cleaner Fuels and Vehicles in

Asia: Spotlight on India . . . . . 50

by Sophie Punte

### Competitive Strategy:

Size Matters—But benchmark ratios do not when rightsizing environmental departments . . . 52

by Richard MacLean

PM File: Reaching Consensus . . . 54

by David Elam

Waste 101: Environmental Flows . 56

by Dan Mueller

### YP Perspective: Looking for a

Career in the Public Sector? . . . . 58

by Laurie Bates-Frymel

## ASSOCIATION NEWS

Message from the President . . . . . 4

Growing Our Membership

Beyond All Borders

by Jeff Muffat

### A&WMA Seeks Nominations

for Its Master Thesis and Doctoral Dissertation Awards . . . . . 55

The Member Minute . . . . . 68

S.T. Rao

## DEPARTMENTS

Washington Report . . . . . 60

News Focus . . . . . 61

Advertisers' Index . . . . . 62

Professional Development Programs . 64

Calendar of Events . . . . . 65

JA&WMA Table of Contents . . . . . 65



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