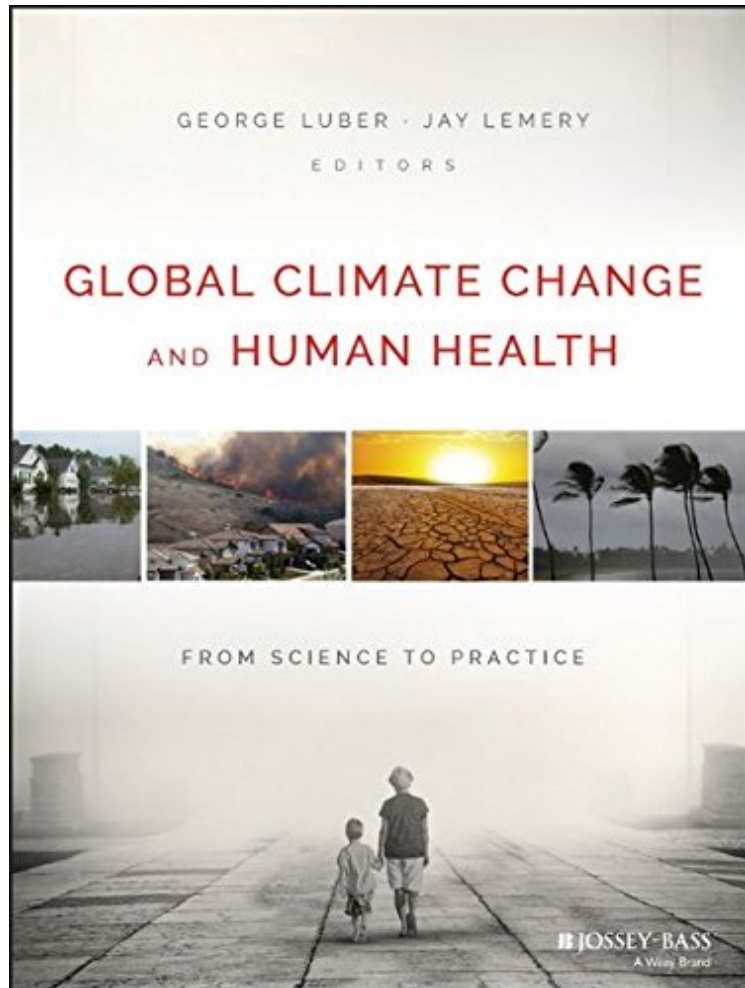


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# Global Climate Change and Human Health: From Science to Practice

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Learn the foundations of climate science and human health Global Climate Change and Human Health examines the

environmental crisis from a public health and clinical health perspective, giving students and clinicians the information they need to prepare for the future of health care. Edited by George Luber, associate director for climate change at the Centers for Disease Control and Prevention, and Jay Lemery, associate professor at the University of Colorado School of Medicine and section chief of Wilderness and Environmental Medicine in the Department of Emergency Medicine, and including chapters written by luminaries in the field, this landmark book provides a comprehensive introduction to climate change and health. Students will learn about climate changes direct effect on health, including extreme weather events, altered and degraded ecosystems, and threats to human security and welfare. Discussions on mitigation and adaptation strategies, including disease surveillance, communications, and greening health care, as well as a primer on the core concepts of climate change science are presented. Each chapter has a specific section on the clinical correlations of the impact of climate change on health. Informative illustrations depict increasing aeroallergens, shifting vector habitats, emergent risks, and more. Visual teaching materials broken down by chapter (including PowerPoint lecture slides) are available for instructors. This book shows how human health will be and already has been affected and how health care practitioners need to start preparing. Understand the science behind climate change and climate variability Learn how the availability of food and clean water will affect public health Consider the diseases that will surge as vector populations swell Discover mitigation strategies targeted toward the health care community Understanding how climate change affects human rights and how international institutions are responding Increased temperatures bring algal blooms that threaten clean water. Degraded air quality brings allergies, asthma, and respiratory diseases. Ground pollutants lower the nutritional value of food crops. It's clear that climate change is very much a public health concern, and *Global Climate Change and Human Health* helps those preparing to be on the front lines of health care.

From the Back Cover **A COMPREHENSIVE OVERVIEW OF HOW CLIMATE CHANGE IS DRIVING A GLOBAL HUMAN HEALTH CRISIS** With contributions from the leading experts in the field, *Global Climate Change and Human Health* examines the ongoing environmental crisis from a public health and clinical health perspective. Written for public health students, health care professionals, and clinicians, this landmark resource offers a comprehensive introduction to climate change and its effects on human health. *Global Climate Change and Human Health* explores a wide-range of topics and issues and contains: A primer on the core concepts of climate change science Illustrative examples that depict increasing aeroallergens, shifting vector habitats, emergent risks, and more Critical discussions on mitigation and adaptation strategies A review of how climate change affects human rights and how international institutions are responding Visual teaching materials broken down by chapter Designed as a practical resource, *Global Climate Change and Human Health* contains text boxes that facilitate understanding and discussion of the health impacts that will face individual care providers. *Global Climate Change and Human Health* gives those preparing to be on the front lines of health care an important volume for understanding the approaches needed to address this developing health crisis. **About the Author** **GEORGE LUBER, PHD**, is chief of the Climate and Health Program at the National Center for Environmental Health, Centers for Disease Control and Prevention (CDC). **JAY LEMERY, MD**, is associate professor at the University of Colorado School of Medicine and section chief of Wilderness and Environmental Medicine in the Department of Emergency Medicine.