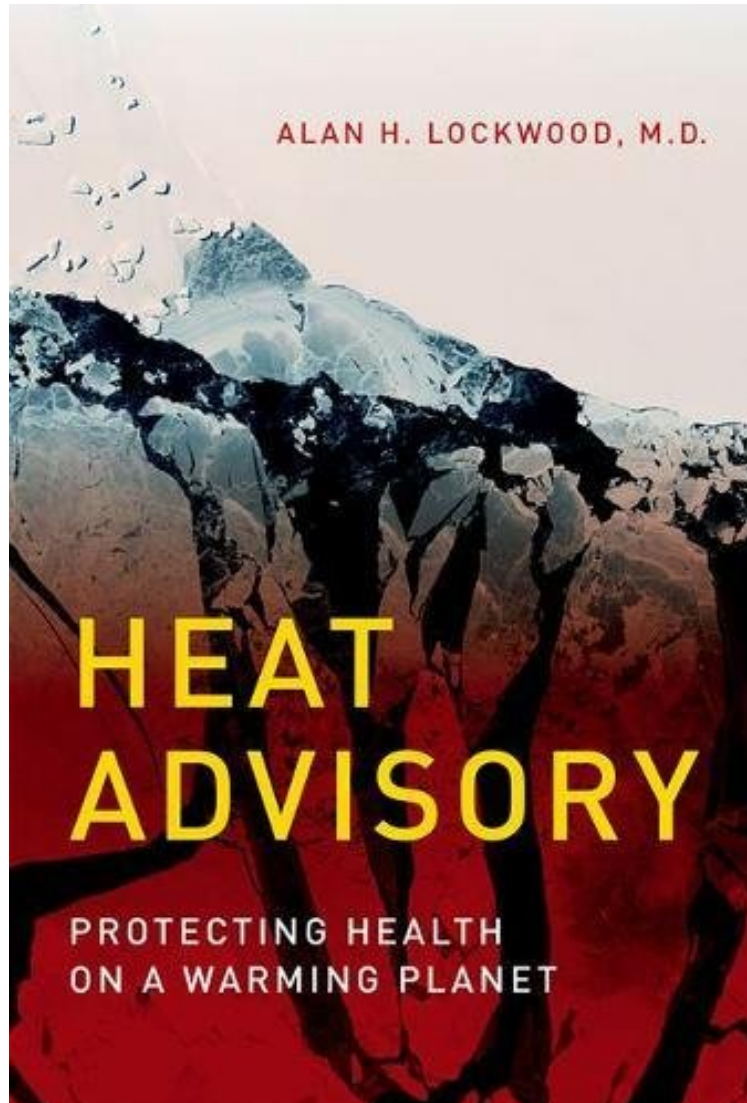


(Free) Heat Advisory: Protecting Health on a Warming Planet (MIT Press)

Heat Advisory: Protecting Health on a Warming Planet (MIT Press)

Alan H. Lockwood MD

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Alan H. Lockwood MD : Heat Advisory: Protecting Health on a Warming Planet (MIT Press) before purchasing it in order to gage whether or not it would be worth my time, and all praised Heat Advisory: Protecting Health on a Warming Planet (MIT Press):

1 of 1 people found the following review helpful. This is a book for our times -- especially since ...By Richard LeighThis is a book for our times -- especially since the Trump administration is set against protecting our environment, and has left the Paris Accord.Dr. Lockwood writes in an engaging, thoughtful, but urgent style. First, he concisely and critically reviews the evidence for climate change, developing a compelling case. He then summarizes

the direct effects of increased heat on health and considers indirect causes such as the effects on insect-borne conditions such as malaria and dengue fever and water-borne infections such as cholera. Each section is informative and concise, and leaves no doubt of the potential risks to humans. In a chapter discussing the effects of climate change on crops, Dr. Lockwood draws on a large study of trees in the , which showed that although increasing CO2 levels did increase tree growth, it also led to shortened tree life, and the net effect was a decrease in CO2 trapping. Closer to home, increased CO2 promotes an increase in Ragweed, which is notoriously allergenic and is predicted to worsen suffering for asthmatics. Other chapters deal with effects on food (such as an 80% decrease in corn crops with a 3.5o C rise) and the effects of all these factors on societies, with increased risk of violence and food riots. All of these factors, along with a summary of the well publicized risk of costal flooding (including many large cities) are woven into a compelling chapter on the negative economic effects that climate change will cause. Dr. Lockwood ends by reviewing preventive measures that could be taken to moderate climate change and prepare for potential ill effects. Although this is quite a compact book, it is very informative and each chapter ends with a section "The Trajectory toward the Future" which reflects on what could be done. This book deserves to become a best-seller, and may become a classic. Essential reading for all branches of government as well as individuals who think seriously about their future and that of their descendants. 0 of 0 people found the following review helpful. Climate Change and Disease By Robin C. Brown Hmm. Lots to think about here! Thanks for a fine transaction!

How climate change can affect our health, from heat-related illnesses to extreme weather events. Climate change affects not just the planet but the people who live on it. In this book, physician Alan Lockwood describes how global warming will be bad for our health. Drawing on peer-reviewed scientific and medical research, Lockwood meticulously details the symptoms of climate change and their medical side effects. Our global ecosystems create webs of interdependence that support life on the planet. Lockwood shows how climate change is affecting these ecosystems and describes the resulting impact on health. For example, rising temperatures create long-duration heat waves during which people sicken and die. Climate change increases the risk for certain infectious diseases, including malaria, dengue fever, West Nile virus, Zika, and Lyme disease. Extreme weather and poor soil conditions cause agricultural shortfalls, leading to undernutrition and famine. There is even evidence that violence increases in warmer weather -- including a study showing that pitchers throw "beanballs" (balls thrown with the intention of hitting the batter) significantly more often in hot weather. Climate change is real and it is happening now. We must use what we know to adapt to a warmer world and minimize adverse health effects: make city buildings cooler with air conditioning and "cool roofs," for example, and mobilize resources for predicted outbreaks of disease. But, Lockwood points out, we also need prevention. The ultimate preventive medicine is reducing greenhouse gas emissions and replacing energy sources that depend on fossil fuels with those that do not.

In clear language accessible to any layman, Dr. Lockwood meticulously documents the destructive impact of climate change on human health -- and makes a compelling case for how action today can avert still greater suffering for generations to come. (Michael Brune, Executive Director, Sierra Club) Dr. Alan Lockwood makes the reality of climate change clear for health professionals with evidence about the multitude of health consequences that this reality is thrusting upon our planet and its inhabitants. With a physician's healing intent, he gives us a prescription for survival. (Christine K. Cassel, M.D., Planning Dean, Kaiser Permanente School of Medicine) Dr. Alan Lockwood has prepared a sweeping synthesis of recent research documenting the profound health effects we face from climate change, along with a prescription for preventing them. His work is a timely and important resource for policymakers, health professionals, and concerned citizens alike. Climate change is happening now, so read Heat Advisory! (Trip Van Noppen, President, Earthjustice)... Heat Advisory is a welcome volume that is well suited for its target audience, with its main strengths being that of communicating climate science in a clear manner to a non-academic readership. (Environmental Values) About the Author Alan H. Lockwood, M.D., is Emeritus Professor of Neurology and Nuclear Medicine in the Jacobs School of Medicine and Biomedical Sciences at the University at Buffalo and a Senior Scientist at Physicians for Social Responsibility. He is the author of The Silent Epidemic: Coal and the Hidden Threat to Health (MIT Press).