

CHOICE Review

As the subtitle suggests, the author's approach to resolving such world problems as population growth, dwindling resources, and consumption of resources is through the strategies employed by meteorologists. Unlike their counterparts in STEM fields, meteorologists do not work with fixed entities but with uncertainties and sometimes rapidly changing variables and are very dependent on mutual collaboration across the globe. Hooke (senior policy fellow, American Meteorological Society) is well qualified to write this work. He draws attention to the fact that Earth is a resource (e.g., agriculture), a threat (e.g., tornadoes), and a victim (e.g., overexploitation of resources). He then emphasizes three major challenges that the world faces today: accessing needed natural resources, saving the environment, and developing resilience to natural hazards. This book is also a handbook for addressing these challenges with tools that include facts/knowledge, policy, technology and social media, and responsible behavior and leadership. The text abounds with myriad examples of the use of those four tools, and the author implores individuals and groups to employ them to help address, if not reverse, the threats that the world faces if society does nothing. Well-documented references, clarifying diagrams, and a fine index.

--E. J. Kormondy, University of Hawaii at Hilo

Summing Up: Highly recommended. All levels/libraries.