

## Review of Thoughts of a Scientist, Citizen and Grandpa on Climate Change

**Thoughts of a Scientist, Citizen and Grandpa on Climate Change.** By Eric P. Grimsrud. (Montana State University, retired). iUniverse, Inc.: New York, NY, USA. 2009. v + 96 pp. \$12.95 ISBN 978-1-4401-3972-7.

As the title implies, this book attempts to explore and explain the divisive issue of climate change from the perspectives of an analytical atmospheric scientist, a citizen of the United States and the world, and a grandfather concerned about the world his grandchildren will inherit. The book is brief and easy to read; it is written primarily for the nonscientific community, in an effort by the author to reach a broader audience, but there is much food for thought here for scientists as well.

The nine chapters cover man's impact on the atmosphere, a discussion of ice ages and global warming, a search for flaws in the theory of anthropogenic global warming, a probe of whether and how much scientists are divided on the issue of global warming, and a review of the chlorofluorocarbon/stratospheric ozone controversy before heading to more philosophical ground: Carl Sagan's thoughts on the survival of intelligent life forms, the need for "Churchillian" leadership in the coming decade(s), dealing with the forces of denial, and, finally, a perspective on what lies ahead. There is also a useful list of terms and acronyms, and their definitions, along with a bibliography of suggested additional reading.

The direct link to natural products is that global warming may lead to an unknown number of species of fauna and flora becoming threatened or endangered. In a broader sense, it behooves all of us to be better informed about this issue. In that sense, this book will be useful; it would also serve well as a text in science courses for nonscience majors, as a means to acquaint them with the various aspects and issues of global warming.

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