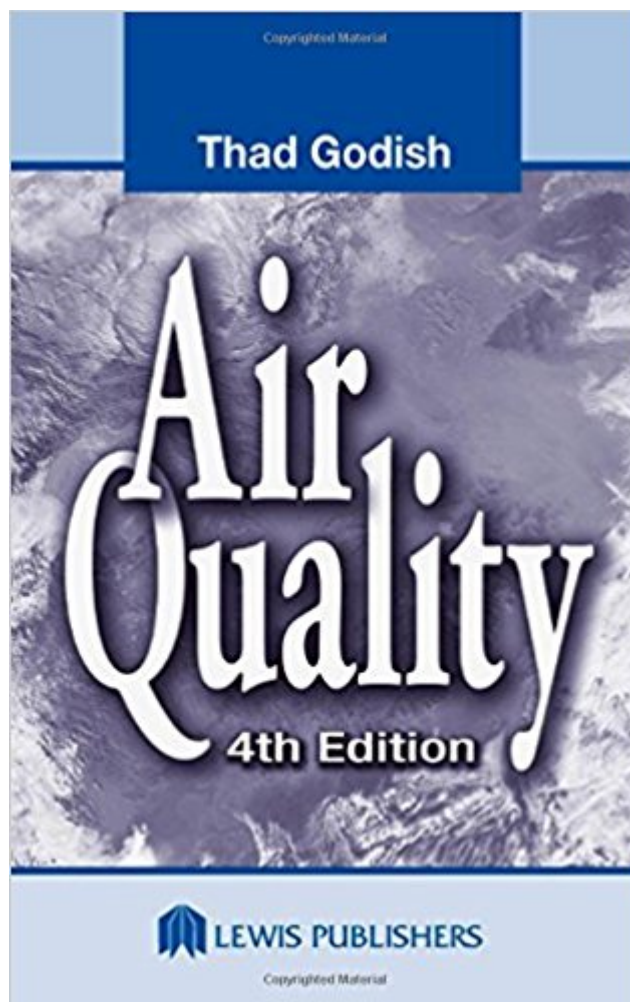


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Air Quality, Fourth Edition



Synopsis

Ozone-destroying chemicals, greenhouse gases, and dangerous airborne substances that were once thought to be benign are the most urgent issues facing air pollution control experts. Students need a thorough, updated reference that explores these current trends while also covering the fundamental concepts of this emerging discipline. A new revision of a bestseller, *Air Quality, Fourth Edition* provides a comprehensive overview air quality issues, including a better understanding of atmospheric chemistry, the effects of pollution on public health and the environment, and the technology and regulatory practices used to achieve air quality goals. New sections cover toxicological principles and risk assessment. The book also contains revised discussions on public policy concerns, with a focus on air quality standards for ozone depletion and global warming, and the health effects of particulate air pollutants. This edition continues to serve as a very readable text for advanced level undergraduate and early graduate study in environmental science, environmental management, and in programs related to the study of public health, industrial hygiene, and pollution control.

Book Information

Hardcover: 480 pages

Publisher: CRC Press; 4 edition (July 28, 2003)

Language: English

ISBN-10: 156670586X

ISBN-13: 978-1566705868

Product Dimensions: 9.5 x 6.6 x 1.2 inches

Shipping Weight: 1.8 pounds

Average Customer Review: 3.9 out of 5 stars [See all reviews](#) (9 customer reviews)

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Customer Reviews

This book provides a good foundation in air quality issues bringing together the basic meteorology, chemistry, biology, and political/regulatory information needed to understand the field. The book assumes some basic science background but Godish presents technical information clearly enough for environmental managers and nontechnical professionals to get a basic understanding of air

quality issues. Godish could make the book more accessible to introductory students by spending more time defining and explaining some of the technical terminology in the book. As it is, some students may have to spend more time with the dictionary than they are used to. Air quality professionals will find this book a good refresher but those looking for a technically advanced book should look elsewhere. The treatment of regulatory issues emphasizes the US. Non-Americans will still benefit from the bulk of the book. For an introductory student looking for a start in the field, I would give the book 4 stars, for an environmental manager looking to gain a better understanding of air quality or an air quality professional looking for a good refresher, I would give the book five stars, for an air quality professional looking for a technical reference, I would give the book 2 to 3 stars.

I used this book for a class I recently taught on air pollution. I regretted the choice early in the semester!
Strengths:- It covers a wide range of topics (e.g., meteorology, health effects, atmospheric chemistry, indoor air quality) - which is very hard to find in other textbooks.
Weaknesses:- It succeeds in making almost every topic dry and boring. Air pollution can be an exciting topic given how timely the topic is, but this book comes across as a dry reference book written for insomniacs.- It is full of errors. Although many errors are just typographical (e.g., in chemical equations), which is of course unacceptable in a pricey textbook, other errors indicate a lack of understanding of the material. For example, the book teaches that subsiding air "compresses the air beneath it", rather than explaining that subsiding air is itself compressed.
misc.: Very little math is used in the textbook - either an advantage or disadvantage depending on what you're looking for...

very informational but a bit dry. This book was required for my Air Quality class in my MPH program. It's a text book and gives you the information that you will need. Sometimes a little over my head but my professor really loves it but he really loves air too.

As a professional Environmental Consultant (Industrial Hygienist), I enjoyed the level of detail this book provides, as well as the specificity. Godish breaks things down from the chemical level, and supplements the needed chemical discussions with higher level discussion. The book could use some updated research (but then, the research could use some updating too in most cases), and the chapters could also use some subjective discussion of the impacts of the effects noted, especially when discussing anthropogenic effects. However, these are hardly shortcomings. Highly recommended for anyone in an air-related profession, or studying in this field. Might be a little difficult to process for high school students, but may present a good challenge for an excellent AP

class.I look forward to 4th Edition.

The review I was going to write is almost exactly like the first review posted giving it 4 stars, so I will just second everything mentioned. Good air quality primer for the environmental professional, but if you are already an air quality scientist or specialist, you may find it a little basic. Excellent overall quality and information on all the air quality issues affecting North America today.

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