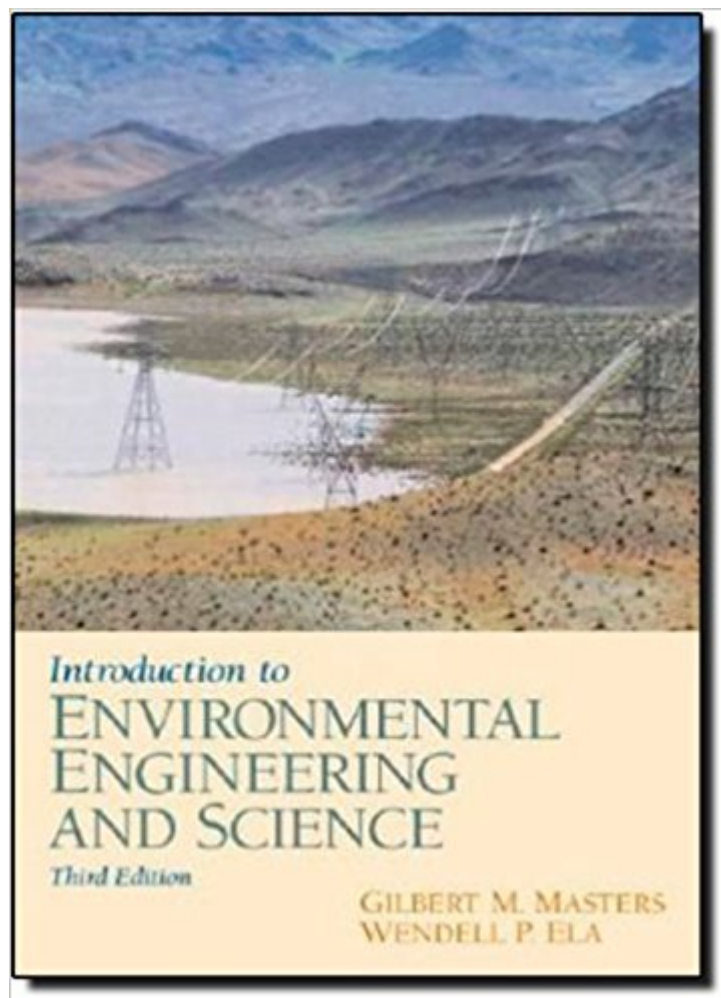




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Introduction To Environmental Engineering And Science (3rd Edition)



Synopsis

This work presents all the major categories of environmental pollution, with coverage of current topics such as climate change and ozone depletion, risk assessment, indoor air quality, source-reduction and recycling, and groundwater contamination.

Book Information

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Customer Reviews

I used this textbook for a 300-level introduction to Environmental Engineering. The text is well written, with a strong and personable narrative, and explains the vast majority of the topics in a clear and accessible manner. Technical jargon is kept to a minimum, and this text could easily be read by a non-engineer. The text covers Water and Wastewater chemistry and treatment, water pollution and control, air pollution and control, solid waste treatment and disposal, and risk and risk management, as well as providing a solid background in the requisite chemistry and mathematics. College-level mathematics, including basic calculus, are included, although the textbook could be used in a non-calculus course without losing any real continuity or coverage, by eliminating some derivations and a very few formulae. A basic college-level chemistry background is also extremely beneficial for Chapters 2 and 5 (Chemistry and Water topics). However, the provided exercises appear to have been written for an earlier edition and not updated, as the sequence and phraseology differs from that of the text, which led to confusion on a few occasions. Also, no solutions are provided in the back of the book and no student solutions manual is available, which makes study from the text difficult. The text also covers far more material than can reasonably be

covered in a one-semester course, so coverage and continuity is in large part up to the instructor's planning and topic selection. All in all, I found this book to provide a broad, clear, and succinct introduction to environmental engineering. It was easy to read and stimulated interest in the various fields covered, and provides enough depth to make it a useful reference later on (I elected not to sell it back and use it as such, to much benefit in upper-level courses). Hence, I would strongly recommend this text for a sophomore or junior-level introduction to environmental engineers, and to students in such a course or looking to learn more about the field.

I found this to be a great survey text for environmental engineering. I purchased it for my intro class and it served as a good reference for basic math and chemistry needed for my classes. I found that it explained the general chemistry (e.g. ammonia stripping, carbonate chemistry, and acid-base chemistry) more clear and with better examples than my higher level texts. It gives a good foundation and basis for further study, but, again, it is definitely an intro level text and not recommended for anything higher than a 300-level course.

The delivery was so fast. It is relatively nice as a used book. This is a paperback US edition, although it looks like the international one. (the international edition has some different end chapter exercises, which is a big problem if you use it as your textbook in class). Anyway this book does not have that problem, and considering its price and the customer service, I totally recommend it if you are taking this course!

This book is easy to get through and explains the equations that you need well. I'm using it for a class right now, but it is a great intro book for environmental engineering.

I recommend this book to every engineering student who has an environmental course in their senior stage. This book gets you radically into the field of environmental engineering. Several examples and problems are available for you at the end of every chapter that drills you well into the subject. I wish I would have said right things about this product and I hope everybody can do the best in this course or similar courses.

I was prescribed this text for a 500-level course for my Masters, this unit was specific to Environmental Pollution. Though this is primarily a book for Environmental engineering, it provides all relevant and much needed background information relevant to environmental pollution and the

introduction of the environmental risk and impacts. I highly recommend this for anyone doing a similar course.

I'm not an environmental major at all, but this book describes the topics in a way that makes sense. It brings up topics I never thought would be covered in environmental, like human populations in developed and undeveloped countries and stuff like that, which does make sense.

I needed this book for my Intro to Environmental Engineering class last semester. It was a good book, but I got the soft cover edition for sooooo much cheaper. There wasn't any difference in the text, even the problems were all the same. I just hate to see people fall into overbuying their textbooks. (Some of my friends still buy from their university! 0.0 SO expensive!) Anyway, here's the link for the listed soft covers, hope it does you

well! http://www..com/gp/offer-listing/B0049VE9TY/ref=tmm_pap_used_olp_sr?ie=UTF8&condition=used&sr=&qid=

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