Environmental and Pollution Science, Second Edition

Ian L. Pepper, Charles P. Gerba, Mark L. Brusseau
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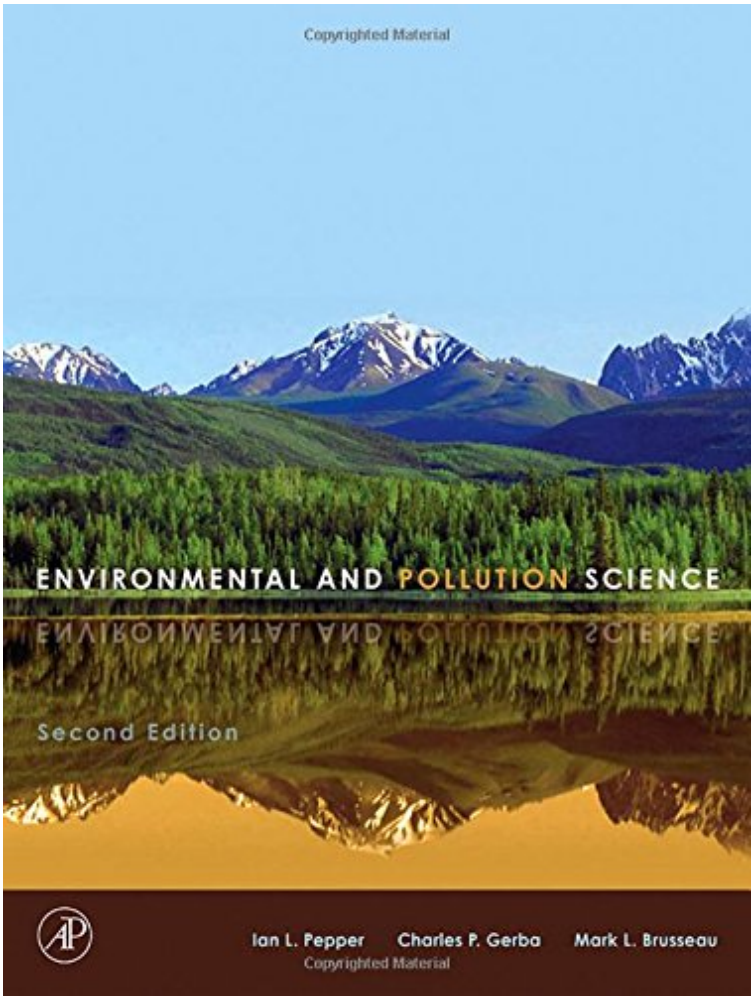

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Ian L. Pepper, Charles P. Gerba, Mark L. Brusseau : Environmental and Pollution Science, Second Edition before purchasing it in order to gage whether or not it would be worth my time, and all praised Environmental and Pollution Science, Second Edition:

0 of 0 people found the following review helpful. Great Book, Very InformativeBy andyrooI completed my BS Environmental Health a few years ago and currently work in the environmental, health, and safety field. This book is great and is very informative, with an excellent breadth of information. It touches on many interesting and important topics, but doesn't go too far into detail about any in-particular. It also contains wonderful illustrations to help with learning various topics. Overall I really enjoy this book and would recommend it to anyone in the environmental field.0 of 0 people found the following review helpful. Five StarsBy ChloeThis book is in good condition!0 of 0 people found the following review helpful. I like itBy OliviaI like it

Environmental and Pollution Science, Second Edition, provides the latest information on the environmental influence of a significant number of subjects, and discusses their impact on a new generation of students. This updated edition of Pollution Science has been renamed to reflect a wider view of the environmental consequences we pay as a price for a modern economy. The authors have compiled the latest information to help students assess environmental quality using a framework of principles that can be applied to any environmental problem. The book covers key topics such as the fate and transport of contaminants, monitoring and remediation of pollution, sources and characteristics of pollution, and risk assessment and management. It contains more than 400 color photographs and diagrams, numerous questions and problems, case studies, and highlighted keywords. This book is ideally suited for professionals and students studying the environment, especially as it relates to pollution as well as government workers and conservationists/ecologists. * Emphasizes conceptual understanding of environmental impact, integrating the disciplines of biology, chemistry, and mathematics* Topics cover the fate and transport of contaminants; monitoring and remediation of pollution; sources and characteristics of pollution; and risk assessment and management* Includes color photos and diagrams, chapter questions and problems, and highlighted key words

This updated edition of Pollution Science now includes the latest on environmental influcences and impact. It integrates a large number of environmental subjects and provides a realistic evaluation of pollution as a price we pay for a modern economy. It helps students and professionals assess environmental quality with a framework of principles that can be applied to any environmental problem. It also addresses tactical issues such as remediation, environmental monitoring, risk assessment, and management.About the AuthorDr. Ian Pepper is currently a Professor at the University of Arizona. He is also Director of the University of Arizona, Environmental Research Laboratory (ERL) and the NSF Water and Environmental Technology (WET) Center. Dr. Pepper is an environmental microbiologist specializing in the molecular ecology of the environment. His research has focused on the fate and transport of pathogens in air, water, soils and wastes. His expertise has been recognized by membership on six National Academy of Science Committees and former memberships on an EPA FIFRA Science and Advisory Panel. Dr. Pepper is a Fellow of the American Association for the Advancement of Science, American Academy of Microbiology, the Soil Science Society of America, and the American Society of Agronomy. He is also a Board Certified Environmental Scientist within the American Academy of Environmental Engineers and Scientists. He is the author or co-author of six textbooks; 40 book chapters; and over 180 peer-review journal articles.Dr. Charles P. Gerba is a Professor at the University of Arizona. He conducts research the transmission of pathogens through the environment. His recent research encompasses the transmission of pathogens by water, food and fomites; fate of pathogens in land applied wastes; development of new disinfectants; domestic microbiology and microbial risk assessment. He has been an author on more than 500 articles including several books in environmental microbiology and pollution science. He is a fellow of the American Academy of Microbiology and the American Association for the Advancement of Science. In 1998 he received the A. P. Black Award from the American Water Works Association for outstanding contributions to water science and in 1996 he received the McKee medal from the Water Environment Federation for outstanding contributions to groundwater protection. He received the 1999 Award of Excellence in Environmental Health from National Association of County and City Health Officials.