



Handbook of Mathematics and Statistics for the Environment

By Frank R. Spellman, Nancy E. Whiting

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A thorough revision of the previous "Environmental Engineer's Mathematics Handbook," this book offers readers an unusual approach to presenting environmental math concepts, emphasizing the relationship between the principles in natural processes and environmental processes. It integrates the fundamental math operations performed by environmental practitioners for air, water, wastewater, solid/hazardous wastes, biosolids, environmental economics, stormwater operations, and environmental health, safety, and welfare. New material includes quadratic equations, Quadratic equations, Boolean algebra, statistics review, fundamental fire science, basic electricity for environmental practitioners, and environmental health computations and solutions.

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Editorial Review

Review

"Handbook of Mathematics and Statistics for the Environment is a no-nonsense, easy to understand, and easy to use book. This book is a must have reference which will guide you to needed field calculations."
?Jennifer See, Safety Manager, CSP, CHMM

"... a perfect reference guide for any environmental health and safety professional on the job or studying for the CSP, CIH, or the various environmental certification exams. It encompasses mathematical terminology, great easy to understand example problems, and even information pertaining to environmental modeling. This handbook is a well thought out concise guide to a vast array of mathematical equations that can be utilized in everyday applications in the environmental safety and health field spanning many topics such as statistics, algorithms, basic science, and environmental health and safety issues including air pollution, soil, water quality, and waste water. A must have."
?Revonna Marie Beiber, Certified Industrial Hygienist

"... a good overview of the available tools, not just from a general perspective, but also from the viewpoint of particular issues. In addition, it does provide the reader with examples to aid in understanding, as well as valuable references to expand this understanding if required. As such, it is my impression that this book will be a valuable resource to anyone working on a wide range of environmental issues."
?Barry Croke, Australian National University

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