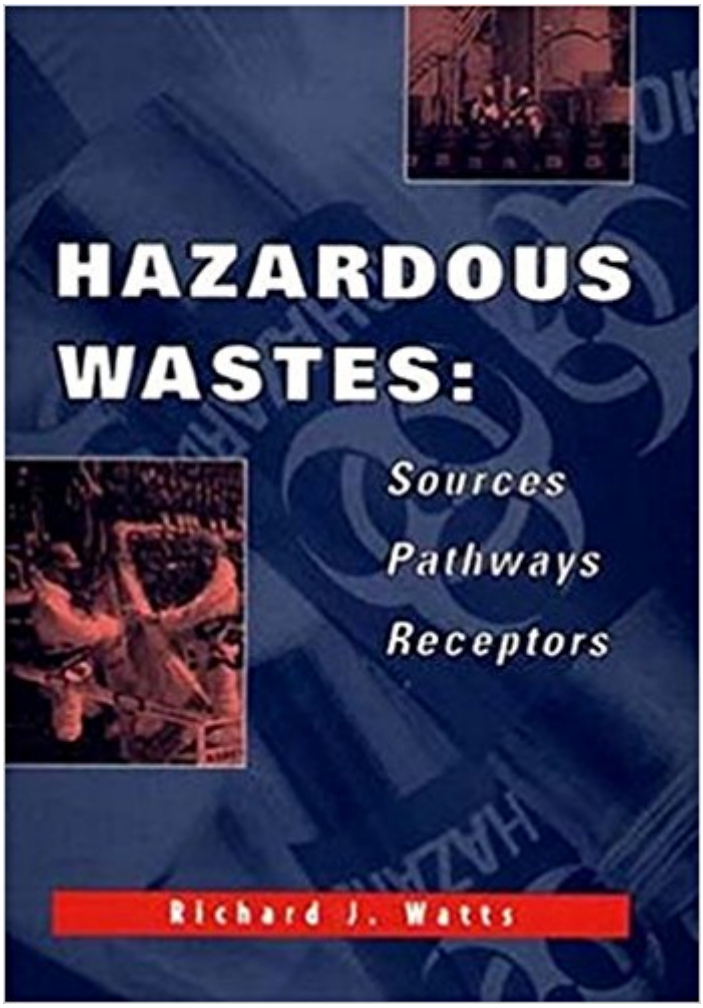
Hazardous Wastes: Sources, Pathways, Receptors



Synopsis

A fundamental approach to the scientific principles of hazardous waste management and engineering, with the study of both currently-generated hazardous wastes and the assessment and characterization of contaminated sites.

Book Information

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Customer Reviews

A fundamental approach to the scientific principles of hazardous waste management and engineering, with the study of both currently-generated hazardous wastes and the assessment and characterization of contaminated sites.

Great conditions.

This Book is exactly what I needed for class and it contains pertinent information that I am happy to have at my finger tips.

This text is a must for any practicing engineer who works with hazardous materials. Ample reference sections and thorough, well written explanations in the text make this book the first place I look for information when confronted with a problem now that I am in the "real world," but also when I was still in school.Topics covered in the text include:Environmental regulations (basics, list of EPA acronyms)Environmental chemistry (structures/naming of organics,pKa’s, solubility, chemical

incompatibility, etc)Chemical behavior in the environment (sorption, retardation, partioning, volatilization, henry's law, etc)Science behind abiotic and biotic transformations (radical rxns, hydrolysis, kinetics, etc)Toxicology (good overview)Remedial technologies and strategies (chemical oxidation, solidification, bioremediation, etc)Appendices have data for most contaminants of concern on topics such as:Mean water solubilityVapor pressureHenry's law constantKowSpecific gravitySaturation concentration in airSlope factors and RfDsOne of the best books I own.

my parents need it, fine. LOVE! LOVE! LOVE! helpful. high quality and very value for this price .

As a practicing environmental engineer, I find that this book continues to be an invaluable reference source.While the organization and text make for quick review of fundamental concepts, the appendices alone justify the purchase price.