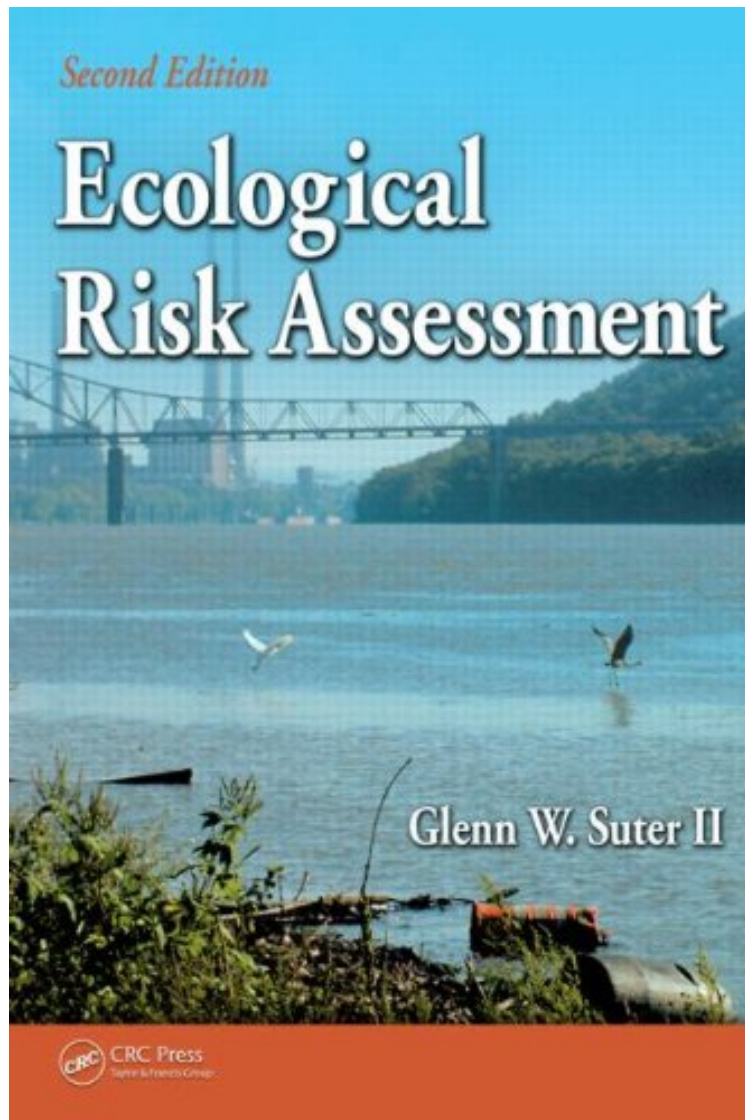


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Ecological Risk Assessment, Second Edition

Glenn W. Suter II

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Glenn W. Suter II : Ecological Risk Assessment, Second Edition before purchasing it in order to gauge whether or not it would be worth my time, and all praised Ecological Risk Assessment, Second Edition:

2 of 2 people found the following review helpful. Ecological Risk Assessment By Doc This is a good supplement to some of Suter's earlier works when he was with USDOE. When used with several of the standard referenced materials for ecological risk assessment developed by: the USEPA, USDOE, USDoD and his first edition "Ecological Risk Assessment for Contaminated Sites" ecotoxicologists and risk assessors will have a good reference point. Although this

book is not a comprehensive reference or handbook it offers/presents practical applications and points which will shake the cobwebs from the experience ecotoxicologist, environmental toxicologist, and environmental epidemiologist head. I would only suggest that in addition to this book, which is an excellent reference source, the reader should have a good understanding of the principles of toxicodynamics toxicogenomics, toxicokinetics - PBPK modeling and fugacity modeling in addition to species pathology. Over the years the principles of human/animal anatomy, physiology and pathophysiology have been omitted or lost in most risk assessments due to political interference or cost. Unfortunate as it is, this crude mind-set has shown up in the quality of work produced by toxicologist and epidemiologist to the point in which several general engineering, A/E firms, hazardous materials removal and environmental management companies believe a civil engineer, geologist or environmental planner can adequately do the work of a true health scientist. These points need to be stressed in reference materials like "Ecological Risk Assessment" by Dr. Suter II. Professional responsibility is just as important as social responsibility. 2 of 2 people found the following review helpful. Too technical for being called a textbook By adani The book abounds with technical details with little emphasis on emphasizing major concepts. While Risk Assessment is a complicated subject, this book is certainly not meant to be a textbook. It will work for someone who is really good at reading technical stuff, but not for the novice like me. Clearly the book needs to be have much better flow and organization. The structure of the book does not follow the EPA Risk Assessment framework, and so one will feel lost in some chapters. However, the definitions are listed at the end, but not highlighted in bold in the middle of the text itself. 0 of 0 people found the following review helpful. Five Stars By brady craneworked for me

The definitive reference in its field, *Ecological Risk Assessment, Second Edition* details the latest advances in science and practice. In the fourteen years since the publication of the best-selling first edition, ecological risk assessment (ERA) has moved from the margins into the spotlight. It is now commonly applied to the regulation of chemicals, the remediation of contaminated sites, the monitoring of importation of exotic organisms, the management of watersheds, and other environmental management issues. Delineating the processes for performing an ERA, the book begins by defining the field, then goes on to describe its relationship to other environmental assessment practices and its organizational framework. The book also includes a chapter on ecological epidemiology, which has previously been treated as a type of ERA, but is now recognized as a distinct practice in itself. It explores important concepts in the ERA process including probability, uncertainty, scale, mode of action and multiple causes. Reflecting changes in the field, the book's scope has been broadened to include discussions of the application of ERA to agents other than chemical contaminants. The multitude of illustrative figures provides a flavor for the diverse practice of ERA. The author has re-organized the material, presenting a unitary process of ERA that is applicable to various problems, scales, and mandates. He keeps the emphasis squarely on providing clear, scientifically sound, and unbiased technical advice on the risks from chemicals and chemical mixtures.

Reflecting on the evolution of ERA and changes in the field over the past 25 years, this book is, without question, the definitive reference on the current practice of ERA . . . Throughout the book, Suter has succeeded in maintaining the emphasis squarely on providing clear, scientifically sound, and unbiased technical advice and instruction on ERA. Richard Wenning, Editor-in-Chief, IEAM, in IEAM, 2008, Vol. 4, No. 1