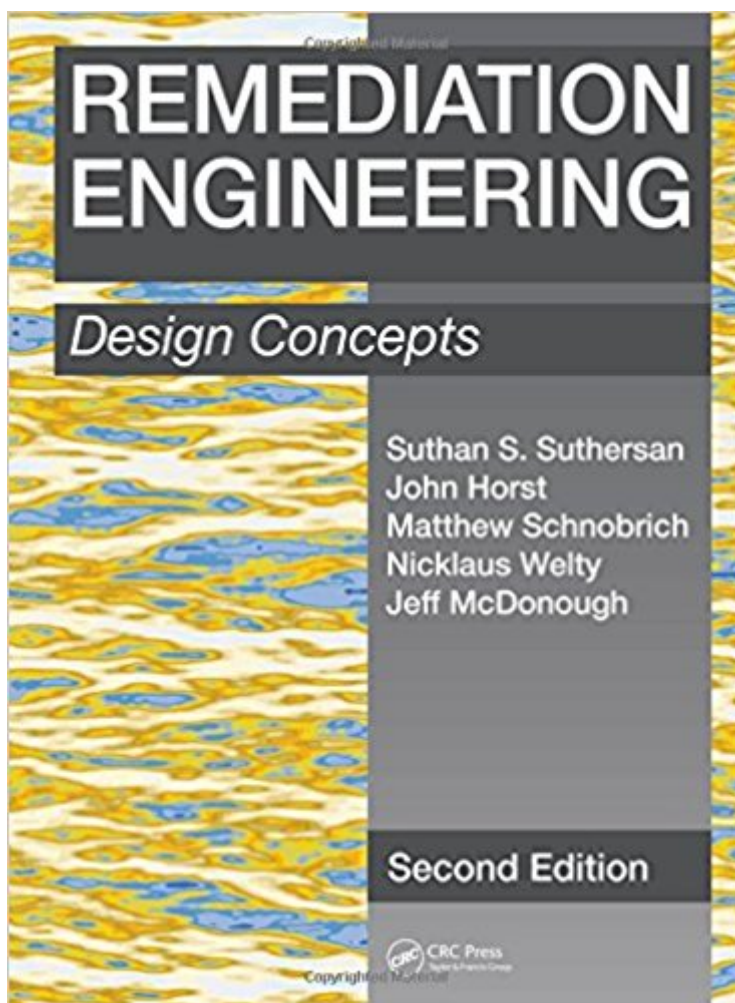


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# Remediation Engineering: Design Concepts, Second Edition



## Synopsis

Remediation engineering has evolved and advanced from the stage of being a sub-discipline of environmental engineering into its own engineering discipline supporting the growth of a global industry. This fully-updated second edition will capture the fundamental advancements that have taken place during the last two decades, within the sub-disciplines that form the foundation of the remediation engineering platform. The book will cover the entire spectrum of current technologies that are being employed in this industry, and will also touch on future trends and how practitioners should anticipate and adapt to those needs.

## Book Information

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## Customer Reviews

"This 2nd edition of Remediation Engineering will continue to be the seminal handbook that regulators must have on-hand to address any of the remediation issues they are grappling with daily. The book is wide-ranging, but specific enough to address any environmental remediation challenge." — Patricia Reyes, Interstate Technology Regulatory Council, Washington, D.C., USA "This book offers the researcher, teacher, practitioner, student and regulator with state-of-the-art advances in conducting site investigations and remediation for common and emerging contaminants. It is revolutionary in its approach to conducting subsurface investigation, which greatly influences a successful and appropriate response in assessing and addressing environmental risk. This book is a giant leap forward in understanding how contaminants behave

and how to reduce risk to acceptable levels in the natural world." – Daniel T. Rogers, Amsted Industries Incorporated, Chicago, Illinois, USA "This text is a superb reference AND a good tool for learning about state of the art techniques in remediation of soil and groundwater. Excellent explanations of some complex topics. This text will become a ready reference at many companies as the engineering community creates increased value from remediation efforts around the world." – John Waites, AVX Corporation, Fountain Inn, South Carolina, USA "Remediation Engineering: Design Concepts, Second Edition is a detailed, many-faceted, and extremely useful update of the classic first edition of this book that was released over twenty years ago. The book is a tour-de-force that summarizes the entire remediation field in 600 pages laden with figures, tables, photos, detailed design information, and key remediation knowledge. The chapters are heavily referenced with over 1100 citations that lead the reader to the underlying research, design manuals, or reports. Scientists and engineers who are new to the remediation field will find the book an indispensable resource for understanding how remediation systems are designed and applied. Mid-level and senior remediation professionals will benefit from the sheer breadth of the book that provides summaries of key subfields that are not the main focus of their practice and chapters describing where we have been and where we are going. Overall Remediation Engineering: Design Concepts, Second Edition is detailed, well written, and highly recommended to anyone practicing in the remediation engineering field today." – Charles Newell, GSI Environmental Inc., Houston, Texas, USA

This book is fantastic and contains a lot of cutting edge analysis, it should be considered a must-read for remediation professionals, including regulators, consultants, and property owners with environmental liability at their sites. The book is comprehensive and addresses many aspects of site remediation process, including novel approaches to site characterization and remediation design.

This is a book that will not collect dust on your office book shelf if you are a remediation engineer. An excellent resource tool for an entry level engineer to the most seasoned professional. Great focus on the changing climate within the remediation field, staying at the forefront of design concepts and approaches.

Great book providing background and solutions on a wide range of current remediation topics. Solid discussions of both well known issues as well as eye opening text on emerging issues facing those in the remediation industry.

Absolutely solid reference for the environmental professional. My office colleagues and I are using this on a daily basis.

Great reference! Everyone should own a copy of this amazing book.

Very useful book! Well worth the investment.

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