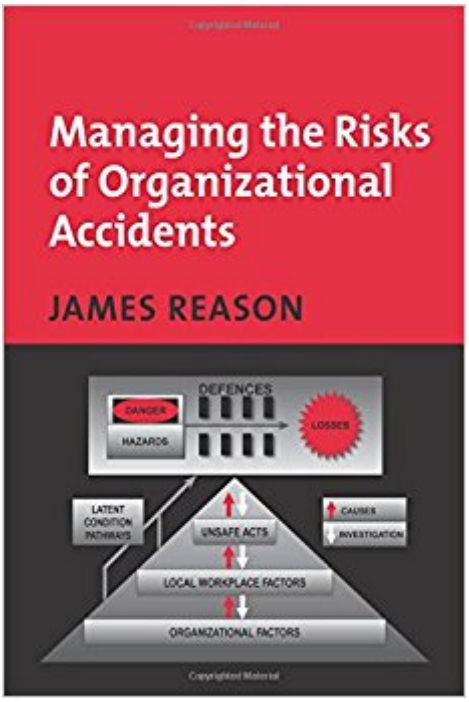
Managing The Risks Of Organizational Accidents



Synopsis

Major accidents are rare events due to the many barriers, safeguards and defences developed by modern technologies. But they continue to happen with saddening regularity and their human and financial consequences are all too often unacceptably catastrophic. One of the greatest challenges we face is to develop more effective ways of both understanding and limiting their occurrence. This lucid book presents a set of common principles to further our knowledge of the causes of major accidents in a wide variety of high-technology systems. It also describes tools and techniques for managing the risks of such organizational accidents that go beyond those currently available to system managers and safety professionals. James Reason deals comprehensively with the prevention of major accidents arising from human and organizational causes. He argues that the same general principles and management techniques are appropriate for many different domains. These include banks and insurance companies just as much as nuclear power plants, oil exploration and production companies, chemical process installations and air, sea and rail transport. Its unique combination of principles and practicalities make this seminal book essential reading for all whose daily business is to manage, audit and regulate hazardous technologies of all kinds. It is relevant to those concerned with understanding and controlling human and organizational factors and will also interest academic readers and those working in industrial and government agencies.

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Customer Reviews

'...To call James Reason's Managing the Risk of Organizational Accidents an important book would

be an understatement, especially to those interested in getting to the root cause of major disasters.' --Incose InsightThe most important characteristic of Managing the Risks of Organizational Accidents is that it focuses on the organizational aspects of error, rather than simply focusing on the operator. This is an important shift in the principles of error management in the aviation environment and Professor Reason poses a number of interesting dilemmas for both managers and operators alikeÃ¢â ¬Â¦provides some valuable insights into the nature of human performance in complex environments. Flight Safety, Australia This book can help get the safety message across to everyone from the CEO down to the receptionistÃ¢â ¬Â¦well written and organizedÃ¢â ¬Â¦members at any level of organization would benefit from this work: safety professionals, front line workers, safety theorists, regulators and academics would gain the most. --Security Management...because of its many similarities between preventing accidents and preventing security breaches, not only will security practitioners improve their understanding of myriad safety issues, but they will also be able to apply many of these concepts to their security dutiesÃ¢â ¬Â¦well written and organized. American Society for Industrial Security For the person who plans to read only one book on safety management in the next ten years, read Managing the Risks of Organizational Accidents. For the person who has read every book on safety management in the past ten years, well, you should read this one too. We are in the midst of the 'Age of Reason'. Focus on Commercial Aviation Safety The book is well written and thoroughly enjoyable to readÃ¢â ¬Â¦recommended in particular to those who are in charge of regulating risks in industrial organizations and everyday life. --Accident Analysis and Prevention

James Reason is Professor Emeritus of Psychology at the University of Manchester, England. He is consultant to numerous organizations throughout the world, sought after as a keynote speaker at international conferences and author of several renowned books including Human Error (CUP, 1990).

This book does an excellent job in describing the challenges in designing managerial systems to prevent accidents in extremely complex engineering projects.If that sounds dry it is although I have I tolerance for this type of writing, the average reader may not.The book gives a variety of examples of complex engineering failures and how they happened.The author also goes into great detail as to how these failures occur despite the best efforts of engineers to prevent them.Like another reader I found it disturbing that the author did not offer any advice about how to prevent these type of accidents so I came up with my own: if the potential for an accident seems almost inevitable, then in

those cases that the consequences of an accident are to horrible to contemplate .. . don’t build them.That in my mind does not bode well for nuclear power.

This book was really useful for a decision analysis course. Interesting examples in the book. I would recommend this for working professionals that are interested in mitigating risks, students that are taking a decision analysis, risk management, project management, engineering ethics or other related courses, or for general readers who just want to understand what events or factors lead to organizational accidents.

This has to be the seminal work. It provides a lot of great information that can be applied to quality defects and why people make mistakes or don’t follow procedures. The charts are some of the best parts of the books.

Best basic study of accident prevention ever written

Excellent publication

The condition is perfect, especially for a book made in 1997, there is no tear or scratch, coloring, or any other kind of damage to the book. I’ve been using it often, since it is a textbook for my master of occupational health degree. It is really worth the price.

Insightful book on risk management. Very helpful to my job as a Safety Director for a construction contractor.

Great insites into causation and the Swiss Cheese Safety Model

Managing the Risks Understanding and Managing Organizational Behavior (6th Edition) Managing Organizational Change: A Multiple Perspectives Approach Managing Innovation: Integrating Technological, Market and Organizational Change Managing Organizational Change: A Multiple Perspectives Approach (Irwin Management) Organizational Behavior: Managing People and Organizations Happy Little Accidents: The Wit & Wisdom of Bob Ross World Directory of Airline Crashes: A Comprehensive Record of More Than 10,000 Passenger Aircraft Accidents The M.O.P. Book: A Guide to the Only Proven Way to STOP Bedwetting and Accidents Death in Yellowstone: Accidents and Foolhardiness in the First National Park Diver Down: Real-World SCUBA Accidents and How to Avoid Them (International Marine-RMP) Accidents Waiting to Happen: Best Practices in Workers' Comp Administration and Protecting Corporate Profitability Atomic Accidents: A History of Nuclear Meltdowns and Disasters: From the Ozark Mountains to Fukushima