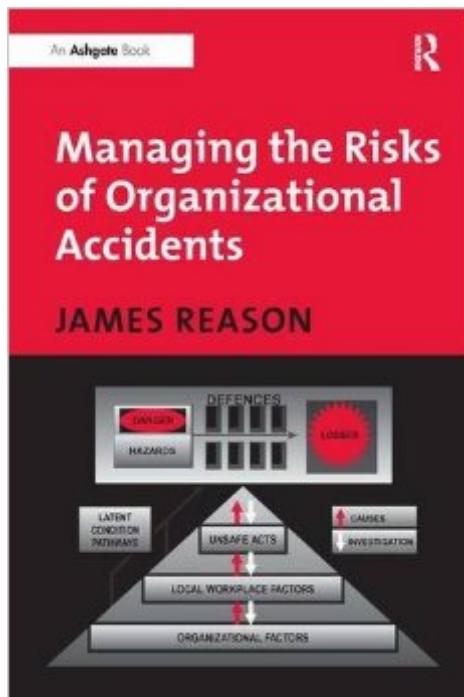


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# Managing The Risks Of Organizational Accidents



## **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.

## **Book Information**

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## **Customer Reviews**

Professor James Reason of Manchester University, is a giant in dealing with the human error. His

famous book "HUMAN ERROR", first published in 1990, was an instant hit with the safety professionals and until today, remains an authoritative reference for anyone who wants to know more about human errors and human failings. In 1997, Reason published yet another hit - "MANAGING THE RISKS OF ORGANIZATIONAL ACCIDENTS". This book, as Reason puts it, ... aimed at the "real people" and especially those whose daily business is to think about, and manage or regulate, the risk of hazardous technologies - like commercial aviation - our business. Yes, this book is meant for the bosses, the Chairman, the CEO, all the Presidents, Executive Vice Presidents, Senior Vice Presidents and last but not least --- (if you are in the air transport business) --- the pilots in the flight deck - as the "Sharp End Operators" and the "Last Line Defenders" to fight against of all the possible latent errors and threats made long before we step into the flightdeck, but expect us to put a stop to any possible mishap from happening when the situation arises! Professor Reason uses his now popular "Swiss Cheese" Model of Defence to explain the nature of those "latent threats" or "latent errors" lurking in our air transport organization (and others), waiting to spring on us when the time and opportunity present themselves. Reason argues that highly hazardous technological industry like the air transport industry, (nuclear and chemical plants as well etc.) are usually protected with layers of strong defences..

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