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Titolo	Accidents and Disasters : Lessons from Air Crashes and Pandemics // by Satish Chandra
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Nota di contenuto	Introduction -- Incidents, Accidents and Unmitigated Disasters -- Learning from Failures -- Evolution of Risk and Safety Regulation -- Keep it Simple but Not Stupid - Complex Technology and Complex Organisations -- Are Failures Stepping Stones to More Failures - The Sociology of Danger and Risk -- To Err is Human -- What exactly is Human Error? -- What I Do Not Know Will Hurt Me - Mental Models and Risk Perception -- Is Greed Really that Good - Avarice and Gain versus Risk and Blame -- And There is Dr. Kato: How Does it Look and Where Do We Go from Here?.
Sommario/riassunto	This book deals with the contemporary subject of perception of risk and its influence on accidents and disasters. The contents examine the

conventional viewpoints on human errors, incubation of errors, complexity and organisational deviance as a cause for accidents. Work of Mary Douglas with regard to risk, Charles Perrow's work on the normal accident theory and Diane Vaughan's theory on normalisation of deviance are examined from a fresh perspective in this book. It also discusses prominent accidents in aviation, space, nuclear energy, automotive and healthcare, using the pandemic and Boeing 737 Max as a backdrop to study accidents and disasters. It further explores the background and similarities to these events and addresses the core issues such as the state of regulation, the worldview of the sociologists, and proposes that mental models of complex systems, avarice and risk for gain as other possibilities for accidents. Using the concept of nudge in behavioural economics and the Elinor Ostrom's viewpoint on regulating for common good, it suggests a way forward through the High Reliability Organisation Theory (HRO) leading to enhanced risk perception. The book will be of interest to those who would like to understand the need to incorporate risk perception into regulation, engineers and scientists, professionals and policy makers working in the areas of disaster and risk management, technology areas like aviation, nuclear plants, space and healthcare, students of the sociology of risk and of course the general reader.
