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Sommario/riassunto	This book, directed by Jean-François Lénat, focuses on the hazards and monitoring of volcanic activity. It provides comprehensive coverage of the different scientific techniques and approaches used to evaluate and forecast volcanic eruptions. The volume discusses the study of volcanic fluids and solid products to gain insights into pre-eruptive processes and eruption dynamics, as well as geophysical monitoring methods. It is aimed at making these scientific methods accessible to educators, researchers, and students. The work reflects significant advancements in volcanic monitoring capabilities and contributes to the broader understanding of natural disaster impacts in modern society.