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'Understanding volcanoes and society: the key for risk mitigation'



Observing the Volcano World: Volcano Crisis Communication

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Communication, Crisis, Hazards, Practices, Perspectives

Recent decades have seen a number of volcanic crises. Whilst the discipline of volcanology has made significant progress, the knowledge gained from the successes and failures of volcanic crises management has not been widely published. Consequently a Springer publication under the 'Advances in Volcano' Series entitled 'Observing the Volcano World: Volcano Crisis Communication' brings together a wealth of undocumented knowledge to provide a platform for understanding how volcano crises are managed in practice, and to establish best practices. With contributions from authors from all over the globe ranging from observatory volcanologists, disaster practitioners, government officials, and NGO's to reflect on three key aspects of volcanic crises. The first describes the unique and wide-ranging nature of volcanic hazards that makes them particularly challenging to forecast and manage, partly due to their varying spatial and temporal relations. The second discusses lessons learnt on how to best manage a crises based on a number of events that have shaped our understanding of volcanic hazards and crises management. The third examines the diverse and wide ranging aspects of communication involved in a crisis that bring together old practices and new technologies in an increasingly challenging and globalised world. This presentation will address some of the key findings from editing this collection to move towards developing more robust volcanic crises communication and management, and to understand further how the volcano world is observed from a range of perspectives in different contexts around the world.