

Kelman, I., H. Lazrus, J.-C. Gaillard, O. Wilhelmi, R. Pulwarty, and C. Dibben. 2008. "Applying vulnerability theory for volcano disaster risk reduction". Poster at IAVCEI 2008 (International Association of Volcanology and Chemistry of the Earth's Interior General Assembly), Reykjavík, Iceland, 17-22 August 2008.

Poster abstract:

Vulnerability theory provides important approaches which could and should be applied for volcano disaster risk reduction. This theory suggests that, rather than focusing on the volcanic event (often termed the "hazard"), considering vulnerability reduction measures as the first priority, without neglecting the understanding of the volcanic event, helps to shape policies and practices which reduce the risk from volcanic disasters in the long-term. While dominant vulnerability analysis methods focus on ostensibly quantitative and objective approaches, introducing subjective, qualitative, and contextual aspects of vulnerability significantly improves the understanding of how to address volcano-related risk and disasters. In order to promote policy change and efficacy, suggestions are made for integrating this theory into disaster risk reduction policy.