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



## **Emergency Plans And Hazard Maps: Fundamental Tools Of The Management Of Volcanic Risk**

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For the management of the reduction of disaster risk, in the field of volcanic risk, it is essential to have as the main tool maps of hazards, which in our country has as responsibility in its study and development at the National Service of Geology and Mining, SERNAGEOMIN. Every planning and elaboration of emergency plans that actually the municipalities that has volcanic risk have, had been considered. Also, in a regional level the plans are taken under the base of this tool. The process maps clearly identify the volcanic products of eruptions of a given volcano, for a preventive work and also for a projection of an emergency plan. In addition general maps have been very useful for the management of an emergency or volcanic crisis when there is no more detailed information. Particularly in the volcanic areas of the Ninth Region of the Araucanía, this maps has been used for the elaboration of the respective community and regional emergency plans. This has allowed identifying clearly the escape routes and the safety or less danger zone. For the elaboration of the emergency plans due to volcanic variable, the ACCEDER and AIDEP methodology has been apply in order to do a diagnostic of the risks of its environment. This methodologies has been establish by the National Office of Emergency, Interior Ministry and Public Security, ONEMI.