

AmeriGEOSS

Volcanic Communication

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Volcanic Communication

Volcanic Risk

Stage of Life Cycle

Preparation- Response -Recovery

QS1: What is there?

QS2: Who has it?

Life cycle: Preparation

Chile:

We should distinguish two groups of people in PREPARATION to the event: Experts of each institutions. And capacity of the local people –what to do in case of a disaster event (simulations are needed).

In Chile, for volcanic activity is Sernageomin that is monitoring.

In general, each type of disaster has each minister and agency.

Other examples: for earthquakes, there is CSN

Tsunami-SHOA, CONAF – wildfires ---

ONEMI is the only agency that can create the ALERT.

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Argentina:

The country has a Federal System – and we start in the provinces.

Let's look what the Meteorology Services do in Buenos Aires.

They adopt the VAC. VAC (Volcanic Hazard Center) in charge to create the alerts of volcanic ashes. Meteo Service look routinely to NOAA Terra and Aqua satellites and develop products – integrate different satellite information (2 hours near real time). Meteo Service develop two types of info: 1-for people expert and 2- geographic, landscape info (Chile has the army and SNIT). ONEMI has the decision – but depend on the type of disasters.

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QS2: Who has it?

Life cycle: Response

Response – when disaster strikes

Chile: the International Charter is activated by ONEMI, in the past It was activated in Chile by CONAE. <http://www.ide.cl/> Role of Social media.

USA: NASA coordinates in USA

Colombia: Who activate the Charter if no one in a countries – others, even ONU.

Argentina: Volcanoes in Argentina (over 120, but 40 in the ranking high). Villarrica volcano is number 1 – because of the communities close by and therefore very vulnerable. Argentina has different issue: plume of ashes.

<http://www.ign.gob.ar/>

Costa Rica: : Commision Nacional de Emergenza.

Lesson learned: more integration.