

**ENHANCE YOUR EXPERIENCE IN THE FIELD BY CONSULTING THE FOLLOWING LIST OF PEER-REVIEWED LITERATURE:**

**Eruptive History**

Garcia-Aristizabal, A., Kumagai, H., Samaniego, P., Mothes, P., Yepes, H., Monzier, M. (2007). Seismic, petrologic, and geodetic analyses of the 1999 dome-forming eruption of Guagua Pichincha volcano, Ecuador. *Journal of Volcanology and Geothermal Research* 161: 333–351. [doi:10.1016/j.jvolgeores.2006.12.007](https://doi.org/10.1016/j.jvolgeores.2006.12.007).

Robin, C., Samaniego, P., Le Pennec, J.L., Mothes, P., van der Plicht, J. (2008). Late Holocene phases of dome growth and Plinian activity at Guagua Pichincha volcano (Ecuador). *Journal of Volcanology and Geothermal Research* 176: 7–15.

**Seismology and Geophysics**

Legrand, D., Calahorrano, A., Guillier, B., Rivera, L., Ruiz, M., Villagómez, D., Yepes, H. (2002). Stress tensor analysis of the 1998-1999 tectonic swarm of northern Quito related to the volcanic swarm of Guagua Pichincha volcano, Ecuador, *Tectonophysics* 344: 15-36.

Legrand, D., Villagomez, D., Yepes, H., Calahorrano, A. (2004). Multifractal dimension and b value analysis of the 1998–1999 Quito swarm related to Guagua Pichincha volcano activity, Ecuador. *Journal of Geophysical Research* 109: B01307. [doi:10.1029/2003JB002572](https://doi.org/10.1029/2003JB002572).

**Hazards**

Barberi, F., Ghigliotti, M., Macedonio, G., Orellana, H., Pareschi, M.T., Rosi, M. (1992). Volcanic hazard assessment of Guagua Pichincha (Ecuador) based on past behavior and numerical models, *Journal of Volcanology and Geothermal Research* 49: 53-68.

Canuti, P., Casagli, N., Catani, F., Falorni, G. (2002). Modeling of the Guagua Pichincha volcano (Ecuador) lahars. *Physics and Chemistry of the Earth* 27: 1587-1599.

**Petrology and Geochemistry**

Bourdon, E., Eissen, J.-P., Gutscher, M.-A., Monzier, M., Samaniego, P., Robin, C., Bollinger, C., Cotten, J. (2002). Slab melting and slab melt metasomatism in the Northern Andean Volcanic Zone: adakites and high-Mg andesites from Pichincha volcano (Ecuador). *Bull. Soc. Géol. France* 173: 195–206.

Le Voyer, M., Rose-Koga, E.F., Laubier, M., Schiano, P. (2008). Petrogenesis of arc lavas from the Rucu Pichincha and Pan de Azucar volcanoes (Ecuadorian arc): Major, trace element, and boron isotopes evidences from olivine-hosted melt inclusions. *Geochemistry, Geophysics, Geosystems* 9: Q12027.

## **A COMPREHENSIVE BODY OF LITERATURE PUBLISHED ON GUAGUA PICHINCHA VOLCANO:**

Barberi, F., Ghigliotti, M., Macedonio, G., Orellana, H., Pareschi, M.T., Rosi, M. (1992). Volcanic hazard assessment of Guagua Pichincha (Ecuador) based on past behavior and numerical models, *Journal of Volcanology and Geothermal Research* 49: 53-68.

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Garcia-Aristizabal, A., Kumagai, H., Samaniego, P., Mothes, P., Yepes, H., Monzier, M. (2007). Seismic, petrologic, and geodetic analyses of the 1999 dome-forming eruption of Guagua Pichincha volcano, Ecuador. *J. Volcanol. Geotherm. Res.* 161: 333–351. [doi:10.1016/j.jvolgeores.2006.12.007](https://doi.org/10.1016/j.jvolgeores.2006.12.007).

Le Voyer, M., Rose-Koga, E.F., Laubier, M., Schiano, P. (2008). Petrogenesis of arc lavas from the Rucu Pichincha and Pan de Azucar volcanoes (Ecuadorian arc): Major, trace element, and boron isotopes evidences from olivine-hosted melt inclusions. *Geochemistry, Geophysics, Geosystems* 9: Q12027.

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Peltre, P. (1989). Riesgos naturales en Quito; lahares, aluviones y derrumbes del Pichincha y del Cotopaxi. In: *Estudios de Geografía, Quito*, vol. 2.

Robin, C., Samaniego, P., Le Pennec, J.L., Mothes, P., van der Plicht, J. (2008). Late Holocene phases of dome growth and Plinian activity at Guagua Pichincha volcano (Ecuador). *J. Volcanol. Geotherm. Res.* 176: 7–15.