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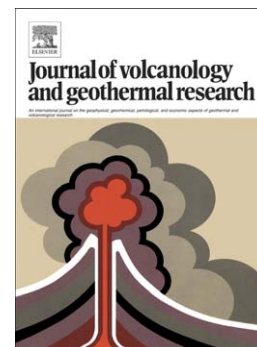
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PII: S0377-0273(14)00139-5
DOI: doi: [10.1016/j.jvolgeores.2014.05.004](https://doi.org/10.1016/j.jvolgeores.2014.05.004)
Reference: VOLGEO 5321

To appear in: *Journal of Volcanology and Geothermal Research*

Received date: 26 October 2013
Accepted date: 2 May 2014



Please cite this article as: Pritchard, M.E., Henderson, S.T., Jay, J.A., Soler, V., Krzesni, D.A., Button, N.E., Welch, M.D., Semple, A.G., Glass, B., Sunagua, M., Minaya, E., Amigo, A., Clavero, J., Reconnaissance earthquake studies at nine volcanic areas of the central Andes with coincident satellite thermal and InSAR observations, *Journal of Volcanology and Geothermal Research* (2014), doi: [10.1016/j.jvolgeores.2014.05.004](https://doi.org/10.1016/j.jvolgeores.2014.05.004)

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Reconnaissance earthquake studies at nine volcanic areas of the central Andes with coincident satellite thermal and InSAR observations

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Abstract

We record non-eruptive background seismicity at eight potentially active volcanoes and one geothermal area in Chile and Bolivia for the first time in order to set a baseline for future episodes of unrest. We also compare seismicity to coincident new regional observations of ground deformation from InSAR and satellite observed thermal anomalies from the ASTER instrument. We deploy small temporary seismometer networks (1 to 5 stations each) of short and in-

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