Glenn Thompson — Curriculum vitae

Contact Information

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Education

Ph.D., Geophysics with Dissertation in Volcano Seismology — 1999
University of Leeds, England, UK
Dissertation title: "Modelling of seismo-volcanic sources"

M.Sc., Geophysics — 1995
University of Durham, England, UK

B.Sc. Hons., Theoretical Physics and Mathematics — 1993
University of St. Andrews, Scotland, UK

Professional Appointments

Research Assistant Professor — 2013 - Present
University of South Florida, Tampa, FL USA

Research Seismologist — 2006 - 2013
University of Alaska Fairbanks, AK USA

Senior Geophysicist & Applications Developer — 2000 - 2006
British Geological Survey, Nottingham, England

Seismic Network Manager & Deputy Director — 2000 - 2003
Montserrat Volcano Observatory, Montserrat, West Indies (employer: British Geological Survey)

Postdoctoral Investigator — 1998 - 2000
University of Alaska Fairbanks, AK USA

Systems Analyst/Programmer — 1997 - 1998
TNT Express Worldwide, Atherstone, England, UK

Seismologist — Summer 1996
Montserrat Volcano Observatory, Montserrat, West Indies (employer: British Geological Survey)

C., Webley, P., and Werner, C.: Alaska Division of Geological and Geophysical Surveys Report of Investigation 2011-5, 45 p., available at http://www.dggs.alaska.gov/pubs/id/23123.

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(12) Thompson, G., and West, M.E. (2010). Real-time Detection of Earthquake Swarms at Redoubt Volcano, 2009. Seismological Research Letters, 81(3), 505513. doi:10.1785/gssrl.81.3.505

(11) Luckett, R., Baptie, B., Ottemoller, L., and Thompson, G. (2007). Seismic Monitoring of the Soufriere Hills Volcano, Montserrat. Seismological Research Letters, 78(2), 192-200. doi:10.1785/gssrl.78.2.192

(10) Taron, J., Elsworth, D., Thompson, G., and Voight, B. (2007). Mechanisms for rainfall-concurrent lava dome collapses at Soufriere Hills Volcano, 2000-2002. Journal of Volcanology and Geothermal Research, 160(1-2), 195209. doi:10.1016/j.jvolgeores.2006.10.003

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(6) Elsworth, D., Voight, B., Thompson, G., and Young, S. R. (2004). Thermal-hydrologic mechanism for rainfall-triggered collapse of lava domes. Geology, 32(11), 969-972. doi:10.1130/G20730.1

(5) Edmonds, M., Oppenheimer, C., Pyle, D. M., Herd, R. A., and Thompson, G. (2003). SO2 emissions from Soufriere Hills Volcano and their relationship to conduit permeability, hydrothermal interaction and degassing regime. Journal of Volcanology and Geothermal Research, 124(1-2), 2343. doi:10.1016/S0377-0273(03)00041-6

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(2) Jolly, A. D.L018082

Kougioumtzoglou, Edoardo Patelli, and Ivan Siu-Kui Au (Eds.) Encyclopedia of Earthquake Engineering. Springer-Verlag Berlin Heidelberg.

(1) McNutt, S.R., Thompson, G., Fee, D., Johnson, J.B., and De Angelis, S. (in press). Seismic and Infrasonic Monitoring, Encyclopedia of Volcanoes, 2nd edition.

Publications -
Peer-reviewed
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