

## PUBLICATIONS ON ACTIVE SUBMARINE VOLCANISM

- Butterfield, D.A., Lupton, J.E., Lilley, M.D., Chiba, H. Roe, K.K., Takano, M.B., Evans, L. Ramos, F. Stern, R.J., Nakamura, K-I, Larson, B. Resing, J.A., Embley, R.W. (2008). Magma degassing, acid alteration, and metal volatility at the actively erupting NW Rota-1 submarine volcano, Mariana arc
- Love, B. A., **J. A. Resing**, J. P. Cowen, J. E. Lupton, D. J. Fornari, T. M. Shank, and D. Biller (2008), Methane, manganese, and helium in hydrothermal plumes following volcanic eruptions on the East Pacific Rise near 9°50'N, *Geochem. Geophys. Geosyst.*, 9, Q06T01, doi:10.1029/2008GC002104.
- Walker, S.L., E.T. Baker, **J.A. Resing**, W.W. Chadwick, Jr., G.T. Lebon, J.E. Lupton, and S.G. Merle (2008). Eruption-fed particle plumes and volcanoclastic deposits at a submarine volcano: NW Rota-1, Mariana arc. *J. Geophys. Res.*, 113, B08S11, doi: 10.1029/2007JB005441.
- Embley, R.W., Chadwick, W.W., Baker, E.T. Butterfield, D.A., **Resing, J.** de Ronde, C.E. Tunnicliffe, V., Lupton, J.E., Juniper S.K., Rubin, K.H., Stern, R.J., Lebon, G.T., Nakamura, K., Merle, S.G., Hein, J.R., Wiens, D.A., Tamura, Y. 2006. Long-Term Eruptive Activity at a Submarine Arc Volcano, *Nature*, doi:10.1038/nature04762
- Dziak, R., J. Cowen, E. Baker, D. Bohnenstiehl, B. Chadwick, **J. Resing**, R. Embley. 2006. The February 2005 Endeavour segment earthquake swarm: Lessons learned from 12 years of volcanic real-time event detection and response on the Juan de Fuca and Gorda Ridges. *EOS, Trans. Am. Geophys. Un.*, **87** (4).
- Resing, J.A.** and F.J. Sansone. 2002: The chemistry of lava-seawater interactions II: The elemental signature. *Geochim. Cosmochim. Acta* 66, no.11, 1925-1941
- Sansone, F.J., C.R. Benitez-Nelson, **J.A. Resing**, E.H. DeCarlo, S.M. Vink, J.A. Heath, and B.J. Huebert 2002: Geochemistry of atmospheric aerosols generated from lava-seawater interactions. *Geophys. Res. Lett.* 29 (9), 10.1029/2001GLO13882.
- Resing, J.A.**, R.A. Feely, G.J. Massoth, and E.T. Baker. 1999. The water column chemical signature after the 1998 eruption of Axial Volcano. *Geophys. Res. Lett.* 26, 3645-3648.
- Feely, R.A., E.T. Baker, G.T. Lebon, J.F. Gendron, **J.A. Resing**, and J.P. Cowen. 1999. Hydrothermal particle composition at Axial Volcano following the January–February 1998 eruption. *Geophys. Res. Lett.* 26, 3649-3652.
- McLaughlin-West, E.A., E.J. Olson, M.D. Lilley, **J.A. Resing**, J.E. Lupton, E.T. Baker, and J.P. Cowen. 1999. Variations in hydrothermal methane and hydrogen concentrations following the 1998 eruption at Axial Volcano. *Geophys. Res. Lett.* 26, 3453-3456.
- Resing, J.A.**, F.J. Sansone. 1999. The chemical signature of lava-seawater interactions: The generation of acidity. *Geochim. Cosmochim. Acta.*, 63, 2183-2198.
- Baker, E.T. and 12 others. 1998. Axial Volcano Awakes: Preliminary Report of the Detection of and Response to the January, 1998, Eruption at Axial Volcano, Juan de Fuca Ridge. *Ridge Events*, 9, no. 1. 1-5.
- Massoth, G.J., E.T. Baker, R.A. Feely, J.E. Lupton, R.W. Collier, K.K. Roe, S.M. Maenner, **J.A. Resing**. 1998. Manganese and iron in hydrothermal plumes resulting from the 1996 Gorda Ridge Event. *Deep Sea Res. II.* 45, 2683-2712.
- Harris, A.J., L.P. Flynn, S.K. Rowland, L. Keszthelyi, P.J. Mouganis-Mark, **J.A. Resing**. 1998. Calculation of lava effusion rates from Landsat-TM data. *Bull. Volc.* 60(1), 52-71.

- Duennebier, F.K., N.C. Becker, J. Caplan-Auerbach, D.A. Clague, J. Cowen, M. Cremer, M. Garcia, F. Goff, A. Malahoff, G.M. McMurtry, B.P. Midson, C.L. Moyer, M. Norman, P. Okubo, **J.A. Resing**, J.M. Rhodes, K. Rubin, F. J. Sansone, J.R. Smith, K. Spencer, Xiyuan Wen, C.G. Wheat. 1997. Researchers rapidly respond to submarine activity at Loihi Volcano, Hawaii. *EOS Trans. Am. Geophys. Un.*, 78, no.22, pp. 229, 232-233.
- Sansone, F.J., **J.A. Resing**. 1995. Hydrography and geochemistry of sea-surface hydrothermal plumes resulting from Hawaiian coastal volcanism. *J. Geophys. Res.*, 100, no. C7, 13555-13569.
- Sansone, F.J., **J.A. Resing**, G.W. Tribble, P.N. Sedwick, K.M. Kelly, K. Hon. 1991. Lava-seawater interactions at shallow-water submarine lava flows. *Geophys. Res. Lett.* 18, no. 9: