

Arechiga, R., Johnson, J. B., Edens, H., Thomas, R. J., & Rison, W. (2011). Acoustic localization of triggered lightning. *J. Geophys. Res.*, 116(D09103). doi:10.1029/2010JD015248

Arrowsmith, S. J., R. Whitaker, C. Katz, and C. Hayward (2009). The F-Detector Revisited: An Improved Strategy for Signal Detection at Seismic and Infrasound Arrays, *Bull. Seismo. Soc. Am.* **99** 449-453.

Arrowsmith, S.J., Burlacu, R., Pankow, K., Stump, B., Stead, R., Whitaker, R., & Hayward, C., 2012. A seismoacoustic study of the 2011 January 3 Circleville earthquake, *Geophys. J. Int.*, 189, 1148-1158, doi:10.1111/j.1365-246X.2012.05420.x.

Arrowsmith, S.J., Johnson, J.B., Drob, D.P., & Hedlin, M.A.H., 2010, The seismoacoustic wavefield: A new paradigm in studying geophysical phenomena, *Rev. Geophys.*, 48, RG4003, doi:10.1029/2010RG000335.

Bedard AJ and TM Georges (2000) Atmospheric Infrasound. *Physics Today*, 53,3,32 (2000). doi:10.1063/1.883019

Blom, P. S., Marcillo, O., & Arrowsmith, S.J., 2015, Improved Bayesian infrasonic source localization for regional infrasound, *Geophys. J. Int.*, Vol. 203, pp. 1682–1693.

Blom, P., & Waxler, R. (2012). Impulse propagation in the nocturnal boundary layer: Analysis of the geometric component. *JASA*, 131(5), 3680-3690.

Bowman JR, Shields G, O'Brien MS, Israelsson H (2007) The infrasound database of the SMDC monitoring research program. In: Proceedings of the 2007 infrasound technology workshop, Japan Weather Association, Tokyo, Japan, p 89.

Brekhovskikh, L. M., & Godin, O. (2013). *Acoustics of layered media II: point sources and bounded beams (Vol. 10)*. Springer Science & Business Media.

Campus, P., & Christie, D.R., 2010, Worldwide Observations of Infrasonic Waves, In *Infrasound monitoring for atmospheric studies*, pp 185-234, ed. Le Pichon, A., Blanc, E., & Hauchecorne, A., Springer, Netherlands.

Cansi, Y., 1995. An automated seismic event processing for detection and location: the P.M.C.C. method, *Geophys. Res. Lett.*, 22, 1021-1024.

Che I.-Y., Stump, B.W., & Lee H.-I., 2011, Experimental characterization of seasonal variations in infrasonic traveltimes on the Korean Peninsula with implications for infrasound event location, *Geophys. J. Int.*, 185, 190-200.

de Groot-Hedlin, C.D., & Hedlin, M.A.H., (2015) A method for detecting and locating geophysical events using groups of arrays, *Geophys. J. Int.*, 203, 960-971, doi:10.1093/gji/ggv345.

de Groot\_Hedlin, C.D. and Hedlin, M.A.H, (2014) Infrasound detection of the Chelybinsk meteor at the USArray, *Earth and Planetary Science Letters*, 402 (2014) 337-345.

Drob, D. P., Picone, J. M., & Garcías, M. (2003). Global morphology of infrasound propagation. *JGR: Atmospheres*, 108(D21).

Drob, D.P., Emmert, J.T., Meriwether, J.W., Makela, J.J., Doornbos, E., Conde, M., Hernandez, G., Noto, J., Zawdie, K.A., McDonald, S.E., Huba, J.D., & Klenzing, J.H., 2015, An update to the Horizontal Wind Model (HWM): The quiet time thermosphere, *Earth and Space Science*, 2, 301–319, doi:[10.1002/2014EA000089](https://doi.org/10.1002/2014EA000089).

Evers, L, & Haak, H., 2010, The characteristics of infrasound, its propagation and some early history, In *Infrasound monitoring for atmospheric studies*, pp 3–27, ed. Le Pichon, A., Blanc, E., & Hauchecorne, A., Springer, Netherlands.

Ford, S.R., Rodgers, A.J., Xu, H., Templeton, D.C., Harben, P., Foxall, W., & Reinke, R.E., 2014, Partitioning of Seismoacoustic Energy and Estimation of Yield and Height-of-Burst/Depth-of-Burial for Near-Surface Explosions, *Bull. Seismo. Soc. Am.*, Vol. 104, No. 2, pp. 608-623.

Gilbert, K. E., & White, M. J. (1989). Application of the parabolic equation to sound propagation in a refracting atmosphere. *JASA*, 85(2), 630-637.

Goto, A., & Johnson, J. B. (2011). Monotonic infrasound and Helmholtz resonance at Volcan Villarrica (Chile). *Geophys. Res. Lett.*, 38(L06301). doi:10.1029/2011GL046858.

Foken, T. (2008). *Micro-meteorology*, Springer.

Green, N., A. Le Pichon, L. Ceranna, and L. Evers, (2010). Ground Truth Events: Assessing the Capability of Infrasound Networks Using High Resolution Data Analyses, , in *Infrasound Monitoring for Atmospheric Studies*, eds. Le Pichon, A., Blanc, E., & Hauchecorne, A., pp. 599–625, Springer, New York, doi:10.1007/978-1-4020-9508-5\_2.

Hart, D. (2004). Automated Infrasound Signal Detection Algorithms Implemented In MatSeis – Infra Tool, *Sandia Report SAND2004-1889*.

Hedin AE, Fleming EL, Manson AH, Schmidlin FJ, Avery SK, Clark RR, Franke SJ, Fraser GJ, Suda T, Vial F, Vincent RA (1996) Empirical wind model for the upper, middle and lower atmosphere. *J Atmos Terr Phys* 58(13):1421–1447.

Jensen, F. B., Kuperman, W. A., Porter, M. B., & Schmidt, H. (2000). *Computational ocean acoustics*. Springer Science & Business Media.

- Johnson, J. B., & Lees, J. M. (2010). Sound produced by the rapidly inflating Santiaguito lava dome, Guatemala. *Geophys. Res. Lett.*, 37(L22305). doi:10.1029/2010GL045217
- Johnson, J. B., & Ripepe, M. (2011). Volcano infrasound: A review. *Journal of Volcanology and Geothermal Research*, 206(3-4), 61–69. doi:10.1016/j.jvolgeores.2011.06.006
- Johnson, J. B., Arechiga, R. O., Thomas, R. J., Edens, H. E., Anderson, J., & Johnson, R. (2011). Imaging thunder. *Geophys. Res. Lett.*, 38(L19807). doi:10.1029/2011GL049162.
- Johnson, J. B., Lees, J., & Varley, N. (2011a). Characterizing complex eruptive activity at Santiaguito, Guatemala using infrasound semblance in networked arrays. *Journal of Volcanology and Geothermal Research*, 199(1-2), 1–14. doi:10.1016/j.jvolgeores.2010.08.005
- Johnson, J. B., Lees, J., & Varley, N. (2011b). Characterizing complex eruptive activity at Santiaguito, Guatemala using infrasound semblance in networked arrays. *Journal of Volcanology and Geothermal Research*, 199(1-2), 1–14. doi:10.1016/j.jvolgeores.2010.08.005
- Landau, L. D., & Sykes, J. B. (1987). *Fluid Mechanics: Vol 6*.
- Lee, D.T. & Schachter, B.J., (1980). Two algorithms for constructing a Delaunay triangulation, *Int. J. Comput. Inf. Sci.*, **9**, 219–242.
- Lonzaga, J. B., Waxler, R. M., Assink, J. D., & Talmadge, C. L. (2015). Modelling waveforms of infrasound arrivals from impulsive sources using weakly non-linear ray theory. *GJI*, 200(3), 1347-1361.
- Marcillo, O., & Johnson, J. B. (2010). Tracking near-surface atmospheric conditions using an infrasound network. *J. Acoust. Soc. Am. Lett.*, 128(1), EL14–EL19. doi:10.1121/1.3442725
- Marcillo, O., Arrowsmith, S., Whitaker, R., Anderson, D., Nippres, A., Green, D.N., & Drob, D., 2014, Using physics-based priors in a Bayesian algorithm to enhance infrasound source location, *Geophys. J. Int.*, Vol. 196, No. 1, pp. 375–385.
- McKisic, J. M. (1996). *Infrasound and the Infrasonic Monitoring of Atmospheric Nuclear Explosions: Past Monitoring Efforts*, Phillips Laboratory, PL-TR-96-2190, 31 October 1996.
- McKisic, J. M. (1996). *Infrasound and the Infrasonic Monitoring of Atmospheric Nuclear Explosions: A Literature Review*, Phillips Laboratory, PL-TR-97-2123, 28 February 1997.
- Modrak, R.T., Arrowsmith, S. J., & Anderson, D.N., 2010, A Bayesian framework for infrasound location, *Geophys. J. Int.*, 181, 399-405.
- Negraru, P. T., Golden, P., & Herrin, E.T., (2010). Infrasound propagation in the “Zone of Silence”, *Seismol. Res. Lett.*, 81, 614–624, doi:[10.1785/gssrl.81.4.614](https://doi.org/10.1785/gssrl.81.4.614).

Park J, Stump BW (2014) Seasonal variations of infrasound detections and their characteristics in the western US, *Geosciences Journal*, 19, 1, 97-111.

Picone JM, Hedin AE, Drob DP, Aikin AC (2002) NRLMSISE-00 empirical model of the atmosphere: statistical comparisons and scientific issues. *J Geophys Res* 107(A12):1468,10.1029/2002JA009430

Pierce, A. D. (1981). *Acoustics: an introduction to its physical principles and applications* (Vol. 20). New York: McGraw-Hill.

Rost, S. and C. Thomas (2002). *Array seismology: Methods and applications*, *Reviews of Geophysics*, 40, 3, September 2002, doi:10.1029/2000RG00010.

Salomons, E. M. (2012). *Computational atmospheric acoustics*. Springer Science & Business Media.

Sanderson, R. W., Johnson, J. B., & Lees, J. M. (2010). Ultra-long period seismic signals and cyclic deflation coincident with eruptions at Santiaguito volcano, Guatemala. *Journal of Volcanology and Geothermal Research*, 198(1-2), 35–44. doi:10.1016/j.jvolgeores.2010.08.007

Scharff, L., Zieman, F., Hort, M., Gerst, A., & Johnson, J. B. (2012). A detailed view into the eruption clouds of Santiaguito Volcano, Guatemala, using Doppler radar. *J. Geophys. Res.*, 117(B4), B04201. doi:10.1029/2011JB008542

Shields, F. D. (2005). Low-frequency wind noise correlation in microphone arrays, *J. Acoust. Soc. Am.*, 117 (6).

Simpkin, T. and Fiske, R. S. (1983). *Krakatau 1883: The Volcanic Eruption and Its Effects*, Smithsonian Institution Press, Washington, DC.

Sutherland, L. C., & Bass, H. E. (2004). Atmospheric absorption in the atmosphere up to 160 km. Waxler, R. (2004). Modal expansions for sound propagation in the nocturnal boundary layer. *JASA*, 115(4), 1437-1448.

Waxler, R., Evers, L. G., Assink, J., & Blom, P. (2015). The stratospheric arrival pair in infrasound propagation. *JASA*, 137(4), 1846-1856.

Waxler, R., Gilbert, K. E., & Talmadge, C. (2008). A theoretical treatment of the long range propagation of impulsive signals under strongly ducted nocturnal conditions. *JASA*, 124(5), 2742-2754.