



UNIVERSIDAD DE GRANADA

Instituto Andaluz
Universitario de
Geofísica y Prevención
de Desastres Sísmicos

Publicaciones

Artículos de investigación

- Carmona E, Almendros J, Martín R, Cortés G, Alguacil G, Moreno J, Martín J B, Martos A, Serrano I, Stich D, Ibáñez J M (2014), Advances in seismic monitoring at Deception Island volcano (Antarctica) since the International Polar Year, *Annals of Geophysics* 57, 3, SS0321, [doi:10.4401/ag-6378](https://doi.org/10.4401/ag-6378)
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- Carmona E, Almendros J, Serrano I, Stich D, Ibáñez J M (2012), Results of seismic monitoring surveys of Deception Island volcano, Antarctica, from 1999-2011, *Antarctic Science* 24, 485-499, [doi:10.1017/S0954102012000314](https://doi.org/10.1017/S0954102012000314)
- Stich D, Almendros J, Jiménez V, Mancilla F, Carmona E (2011), Ocean noise triggering of rhythmic long period events at Deception Island volcano, *Geophys. Res. Lett.* 38, L22307, [doi:10.1029/2011GL049671](https://doi.org/10.1029/2011GL049671)
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- Zandomeneghi D, Barclay A, Almendros J, Ibáñez J M, Wilcock W, Ben Zvi T (2009), Crustal structure of Deception Island volcano from P-wave seismic tomography: Tectonic and volcanic implications, *J. Geophys. Res.* 114, B06310, [doi:10.1029/2008JB006119](https://doi.org/10.1029/2008JB006119)
- Barclay A H, Wilcock W S D, Ibáñez J M (2009), Bathymetric constraints on the tectonic and volcanic evolution of Deception Island Volcano, South Shetland Islands, *Antarctic Science* 21, 153-167, [doi:10.1017/S0954102008001673](https://doi.org/10.1017/S0954102008001673)

- Ben Zvi T, Wilcock W S D, Barclay A H, Zandomeneghi D, Ibáñez J M, Almendros J (2009), The P-wave velocity structure of Deception Island, Antarctica, from two-dimensional seismic tomography, *J. Volcan. Geotherm. Res.* 180, 67-80, [doi:10.1016/j.jvolgeores.2008.11.020](https://doi.org/10.1016/j.jvolgeores.2008.11.020)
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- Alguacil G, Almendros J, Del Pezzo E, García A, Ibáñez J M, La Rocca M, Morales J, Ortiz R (1999), Observations of volcanic earthquakes and tremor at Deception Island - Antarctica, *Annali di Geofisica* 42, 417-436, [doi:10.4401/ag-3725](https://doi.org/10.4401/ag-3725)
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Tesis doctorales

- Prudencio J (2013), From 2D to 3D attenuation tomography in volcanoes: the study of Tenerife (Canary Islands) and Deception Island (Antarctica).
- García Yeguas A (2010), Estudio de heterogeneidades laterales de volcanes activos: tomografía sísmica de alta resolución de la isla de Tenerife, anomalías de propagación de ondas sísmicas de la isla Decepción y otros efectos.
- Carmona E (2009), Caracterización de sistemas de fractura mediante la localización relativa de terremotos tectónicos y volcánicos con métodos clásicos y técnicas de array.
- Zandomeneghi D (2007), Passive and active seismic tomography of volcanic islands Sao Miguel (Portugal) and Deception (Antarctica).
- Abril M (2007), Evolución, diseño y desarrollo de antenas sísmicas: las antenas del Gran Sasso, del Vesubio y las nuevas antenas sísmicas portátiles del Instituto Andaluz de Geofísica. Aplicación a zonas tectónicas y volcánicas.
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