

Accepted Manuscript

A 3D joint interpretation of magnetotelluric and seismic tomographic models: The case of the volcanic island of Tenerife

Araceli García-Yeguas, Juanjo Ledo, Perla Piña-Varas, Janire Prudencio, Pilar Queralt, Alex Marcuello, Jesús M. Ibañez, Beatriz Benjumea, Alberto Sánchez-Alzola, Nemesio Pérez

PII: S0098-3004(16)30851-2

DOI: [10.1016/j.cageo.2017.08.003](https://doi.org/10.1016/j.cageo.2017.08.003)

Reference: CAGEO 4000

To appear in: *Computers and Geosciences*

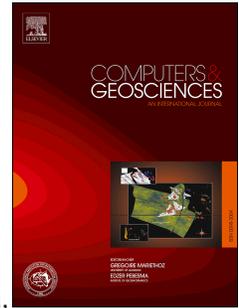
Received Date: 22 December 2016

Revised Date: 17 July 2017

Accepted Date: 1 August 2017

Please cite this article as: García-Yeguas, A., Ledo, J., Piña-Varas, P., Prudencio, J., Queralt, P., Marcuello, A., Ibañez, Jesús.M., Benjumea, B., Sánchez-Alzola, A., Pérez, N., A 3D joint interpretation of magnetotelluric and seismic tomographic models: The case of the volcanic island of Tenerife, *Computers and Geosciences* (2017), doi: 10.1016/j.cageo.2017.08.003.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



1 **A 3D joint interpretation of magnetotelluric and seismic tomographic models: the**
2 **case of the volcanic island of Tenerife**

3 Araceli García-Yeguas^{1,2,3}, Juanjo Ledo^{3,6}, Perla Piña-Varas^{6*}, Janire Prudencio^{4,2,3},
4 Pilar Queral⁶, Alex Marcuello⁶, Jesús M. Ibañez^{2,5}, Beatriz Benjumea⁷, Alberto
5 Sánchez-Alzola⁸, Nemesio Pérez^{3,9}

6 1. Department of Applied Physics. University of Cádiz. Avenida Universidad de
7 Cádiz, 10, 11519 Puerto Real, Cádiz. Spain.

8 2. Instituto Andaluz de Geofísica. University of Granada. Granada. Spain.

9 3. Instituto Volcanológico de Canarias. INVOLCAN. Tenerife Island. Spain

10 4. Department of Computer Science. Georgia State University. 25 Park Place NE,
11 Atlanta, GA 30302. USA

12 5. Department of Theoretical Physics and Cosmos. University of Granada.
13 Granada. Spain.

14 6. GEOMODELS Research Institute, Departament de Dinàmica de la Terra i
15 l'Oceà, Facultat de Geologia. Universitat de Barcelona. C/ Martí i Franquès s/n
16 08028 Barcelona, Spain

17 *Now at Centre for Exploration Targeting, the University of Western Australia.
18 35 Stirling highway, Crawley, WA 6009

19 7. Institut Cartogràfic i Geològic de Catalunya. Parc de Montjuïc s/n 08038
20 Barcelona. Spain.
21

22 23 8. Departamento de Estadística e Investigación Operativa, Universidad de Cádiz,
24 Spain
25

26 9. Instituto Tecnológico de Energías Renovables. Pol. Ind. De Granadilla s/n.
27 38600. Granadilla de Abona. Santa Cruz de Tenerife (Spain).
28

Download English Version:

<https://daneshyari.com/en/article/4965354>

Download Persian Version:

<https://daneshyari.com/article/4965354>

[Daneshyari.com](https://daneshyari.com)