



Erratum: 'Interpretation of corrected sea floor HVSr data on a gas emitting structure in the Sea of Marmara' [J. Appl. Geophys. Volume 245 February 2026 106025]

A. Brindisi^{a,b}, S. D'Amico^{c,d}, L. Beranzoli^c, D. Embriaco^c, A. Giuntini^c, D. Albarello^{a,e,*}

^a Dipartimento di Scienze Fisiche, della Terra e dell'Ambiente, Università degli Studi di Siena, Siena, Italy

^b Museo Nazionale dell'Antartide "Felice Ippolito", Università degli Studi di Siena, Siena, Italy

^c Istituto Nazionale di Geofisica e Vulcanologia, Sezione Roma 2, Roma, Italy

^d Università di Catania, Dipartimento di Scienze Biologiche, Geologiche e Ambientali, Sezione di Scienze della Terra, Catania, Italy

^e Consiglio Nazionale delle Ricerche, Istituto di Geologia Ambientale e Geoingegneria, Rome, Italy

We apologize for some misprints in the paper relative to the Abstract and Section 7.

In the Abstract (page 1), lines 9–13 should be modified as follows.

"Moreover, the interpretation of the body wave profiles and, in particular, of the V_s/V_p ratios suggest the presence of unconsolidated material down to a depth of about 500 m below the sea level with an estimated porosity of the order of 10 %. Based on the Biot-Gassmann model, the body wave profile has been used for a preliminary estimate of the degree of gas saturation which reaches 50 % in the depth range 100–500 m of depths below the sea floor".

In Section 7 (page 6), lines 13–21 in the second column should be modified as follows.

"The results of the BGTL modelling indicate a consistent C_v and ϕ of 0.1 throughout the 0–495 m depth interval. The calibration parameter 'm' varies from a value of 2 in the uppermost 10 m to 6 for the remainder of the profile. The parameter 'e' remains constant at a value of 2 across the entire profile, reflecting the high Poisson's ratio (> 0.3) observed, and indicating patchy gas saturation conditions. S_w decreases with depth, estimated at 0.9 in the upper 95 m and dropping to 0.5 between 95 m and 495 m."

CRediT authorship contribution statement

A. Brindisi: Data curation, Conceptualization, Investigation, Writing – original draft, Writing – review & editing. **S. D'Amico:** Data curation, Supervision. **L. Beranzoli:** Supervision, Writing – review & editing, Conceptualization. **D. Embriaco:** Data curation, Conceptualization, Writing – review & editing. **A. Giuntini:** Writing – review & editing, Supervision. **D. Albarello:** Conceptualization, Writing – review & editing, Writing – original draft, Methodology, Supervision.

Declaration of competing interest

The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.

Data availability

No data was used for the research described in the article.

* Corresponding author at: Dipartimento di Scienze Fisiche, della Terra e dell'Ambiente, Università degli Studi di Siena, Siena, Italy.

E-mail addresses: albachia.brindi@student.unisi.it (A. Brindisi), salvatore.damico@ingv.it (S. D'Amico), laura.beranzoli@ingv.it (L. Beranzoli), davide.embriaco@ingv.it (D. Embriaco), alessandra.giuntini@ingv.it (A. Giuntini), dario.albarello@unisi.it (D. Albarello).

<https://doi.org/10.1016/j.jappgeo.2026.106160>

Received 10 December 2025; Accepted 8 February 2026

Available online 11 February 2026

0926-9851/© 2026 The Authors. Published by Elsevier B.V. This is an open access article under the CC BY license (<http://creativecommons.org/licenses/by/4.0/>).