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On the cover



Pilot study

In this issue, Christopher Waythomas proposes an in-conduit gas-segregation mechanism at Mount Veniaminof volcano on the Alaskan Peninsula. This process is thought to govern the simultaneous effusive and explosive eruptive activity historically observed at the volcano. This image of Veniaminof was captured in 1944 from the nose of a naval air transport service plane by a pilot/photographic officer. [Read more on page 295](#)

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◆ Articles ◆

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Nowé, S., Lecocq, T., Caudron, C., Jónsdóttir, K. and Pattyn, F. "Permanent, seasonal, and episodic seismic sources around Vatnajökull, Iceland from the analysis of correlograms", doi: [10.30909/vol.04.02.135147](https://doi.org/10.30909/vol.04.02.135147)..... 135

Bouloton, J. "Insight into volcanic garnet: origin and significance of garnet as exemplified by a detailed petro-mineralogical study of the Breziny andesite (Central Slovakia Volcanic Field, Western Carpathians, Central Europe)", doi: [10.30909/vol.04.02.149187](https://doi.org/10.30909/vol.04.02.149187)..... 149

Walker, R., Stephens, T., Greenfield, C., Gill, S., Healy, D. and Poppe, S. "Segment tip geometry of sheet intrusions, I: Theory and numerical models for the role of tip shape in controlling propagation pathways", doi: [10.30909/vol.04.02.189201](https://doi.org/10.30909/vol.04.02.189201). 189

Stephens, T., Walker, R., Healy, D. and Bubeck, A. "Segment tip geometry of sheet intrusions, II: Field observations of tip geometries and a model for evolving emplacement mechanisms", doi: [10.30909/vol.04.02.203225](https://doi.org/10.30909/vol.04.02.203225)..... 203

Lee, C.-T. and Liu, B. "Thick crust, hydrous magmas, and the paradox of voluminous cold magmatism", doi: [10.30909/vol.04.02.227238](https://doi.org/10.30909/vol.04.02.227238)..... 227

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Castro, J. and Walter, S. C. "Hybrid rhyolitic eruption at Big Glass Mountain, CA, USA", doi: [10.30909/vol.04.02.257277](https://doi.org/10.30909/vol.04.02.257277). 257

Villeneuve, M. C. and Heap, M. J. "Calculating the cohesion and internal friction angle of volcanic rocks and rock masses", doi: [10.30909/vol.04.02.279293](https://doi.org/10.30909/vol.04.02.279293)..... 279

Continued on next page.

Editors: Jenni Barclay, John Browning, Katy Chamberlain, Corentin Caudron, Oryaëlle Chevrel, J. Maarten de Moor, Pierre Delmelle, Jacqueline Dohaney, Amy Donovan, Susanna Ebmeier, Lynne Elkins, Gareth Fabbro, Jamie Farquharson, Lis Gallant, Helen Elizabeth Gaunt, Alison Graettinger, Claire Harnett, Josh Hayes, Michael Heap, Adrian Hornby, Ery Hughes, Kayla Iacovino, Mike James, Adam Jeffery, Alison Jolley, Kyoko Kataoka, Ben Kennedy, Ulrich Küppers, Alexandra Kushnir, Oliver Lamb, Emma Liu, Elena Maters, Sami Mikhail, Chiara Montagna, Julie Morin, Engiella Paguican, Tom Pering, Pete Rowley, Jazmin Scarlett, Nick Varley, Jérémie Vasseur, Fabian Wadsworth, Alan Whittington, Rebecca Williams

Anzieta, J., Williams-Jones, G., Bernard, B., Ortiz, H., Vallejo, S. and Ruiz, M. "Reviewing volcano hazard and risk communications in Ecuador: experiences from a fast-format workshop", doi: [10.30909/vol.04.02.309324](https://doi.org/10.30909/vol.04.02.309324). 309

Gallant, E., Cole, L., Connor, C., Donovan, A., Molisee, D., Morin, J., Walshe, R. and Wetmore, P. "Modelling eruptive source parameters in distributed volcanic fields", doi: [10.30909/vol.04.02.325343](https://doi.org/10.30909/vol.04.02.325343). 325

Craig, H., Wilson, T., Magill, C., Stewart, C. and Wild, A. J. "Agriculture and forestry impact assessment for tephra fall hazard: Fragility function development and New Zealand scenario application", doi: [10.30909/vol.04.02.345367](https://doi.org/10.30909/vol.04.02.345367). 345

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