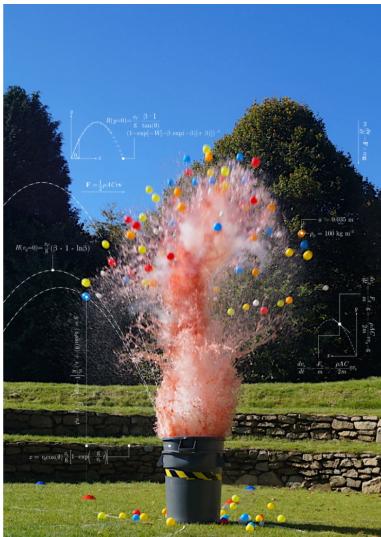


Dec 2018 || Vol. 1 || No. 2
ISSN: 2610-3540

On the cover



Quantitative volcanology in the classroom

Fun experiments can be used to simulate aspects of explosive volcanism. In this issue, Fabian

Wadsworth and colleagues demonstrate how this low-cost experiment can be used to teach quantitative concepts and methods.

[Read more on page 107](#)

Image credit: Chris Dalby [2018].
Cover design ©Volcanica [2018].
Distributed under the terms of the
[Creative Commons Attribution 4.0 International License](#).

◊ Editorial ◊

Williams, R. and Krippner, J. "The use of social media in volcano science communication: challenges and opportunities", doi: [10.30909/vol.01.02.i-viii](https://doi.org/10.30909/vol.01.02.i-viii) i

◊ Articles ◊

Healy, D., Rizzo, R. E., Duffy, M., Farrell, N. J. C., Hole, M. J. and Muirhead, D. "Field evidence for the lateral emplacement of igneous dykes: Implications for 3D mechanical models and the plumbing beneath fissure eruptions", doi: [10.30909/vol.01.02.85105](https://doi.org/10.30909/vol.01.02.85105) 85

Wadsworth, F. B., Unwin, H. E., Vasseur, J., Kennedy, B. M., Holzmueller, J., Scheu, B., Witcher, T., Adolf, J., Cáceres, F., Casas, A. S., Cigala, V., Clement, A., Colombier, M., Cronin, S., Cronin, M., Dingwell, D. B., Guimarães, L. F., Höltgen, L., Kueppers, U., Seropian, G., Stern, S., Teissier, A., Vossen, C. and Weichselgartner, N. "Trashcano: Developing a quantitative teaching tool to understand ballistics accelerated by explosive volcanic eruptions", doi: [10.30909/vol.01.02.107126](https://doi.org/10.30909/vol.01.02.107126) 107

◊ Reports ◊

Vasconez, F. J., Ramón, P., Hernandez, S., Hidalgo, S., Bernard, B., Ruiz, M., Alvarado, A., La Femina, P. and Ruiz, G. "The different characteristics of the recent eruptions of Fernandina and Sierra Negra volcanoes (Galápagos, Ecuador)", doi: [10.30909/vol.01.02.127133](https://doi.org/10.30909/vol.01.02.127133) 127