Kyriaki Drymoni

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Relevant Experience: Coming from the Greek volcanic island of Santorini, I am an early career researcher (ECR) driven by a passion for volcanological processes and eagerness to explore and resolve volcanological problems to help on improving our resilience and adaptability to living in volcanic provinces. I have a wide range of academic (research and teaching) experience in volcanotectonics and igneous petrology, complemented by numerical and analytical modelling. I am a huge supporter of women in STEM and EDI initiatives. I like working in interdisciplinary environments and collaborate with other scientists and institutes in a global framework.

Education

2015-2020 **PhD in Earth Sciences**, Royal Holloway University of London (UK)
2011-2014 **MSc in Applied Environmental geology,** National and Kapodistrian University of Athens (GRE)
2007-2011 **BSc in Geology,** National and Kapodistrian University of Athens (GRE)

Professional experience

2024 – Present **Marie Sklodowska Curie Global Fellow (CARAVAGGIO Project)**
University of Alaska-Fairbanks 1/11/2024-27/01/2025.
Jet Propulsion Laboratory (Caltech) 28/01/2025-28/02/2026.
Geosciences Barcelona (GEO3BCN) 01/03/2026-31/10/2026.
Ludwig Maximillian University in Munich (LMU) 01/11/2026-31/10/2027.
2023-2024 **Research Fellow in Experimental Volcanology,** Ludwig Maximillian University in Munich (GER)
2021-2023 **Research fellow in Structural Geology,** University of Milan-Bicocca (IT)
2019-2020 **Sessional Lecturer in Igneous Geology,** Royal Holloway University of London (UK)

Publications

Girona T. & Drymoni K. Abnormal low-magnitude seismicity preceding large magnitude earthquakes. *Nature Communications 15 (1), 7429*

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Drymoni, K., Russo, E., Tibaldi, A., Corti, N., Bonali, F. L., & Mariotto, F. P. (2023). Dyke-induced graben formation in a heterogeneous succession on Mt. Etna: Insights from field observations and FEM numerical models. Journal of Volcanology and Geothermal Research, 433, 107712.

Gudmundsson A., Drymoni, K., Browning, J., Acocella V., Amelung, F., et al. (2022). Volcanotectonics: the tectonics and physics of volcanoes and their eruption mechanics, *Bulletin of Volcanology*, 84, (6), 1-8.

Tibaldi A., Bonali, F., Corti, N., Russo, E., Drymoni, K., De Beni, E., et al. (2022). Surface deformation during the 1928 fissure eruption of Mt. Etna (Italy): Insights from field data and FEM numerical modelling. *Tectonophysics*, 837.

Drymoni K., Browning J., Gudmundsson A., (2022). Spatial and temporal volcanotectonic evolution of the Santorini volcano, Greece. *Bulletin of Volcanology*, 84, (8), 1-18.

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