

Correction to: Calderas

Correction to:
Chapter 5 in: V. Acocella, *Volcano-Tectonic Processes,*
Advances in Volcanology, https://doi.org/10.1007/978-3-030-65968-4_5

In the original version of the book, the following belated correction have been incorporated in the chapter “Calderas”: Fig. 5.13 has been replaced with the correct figure.

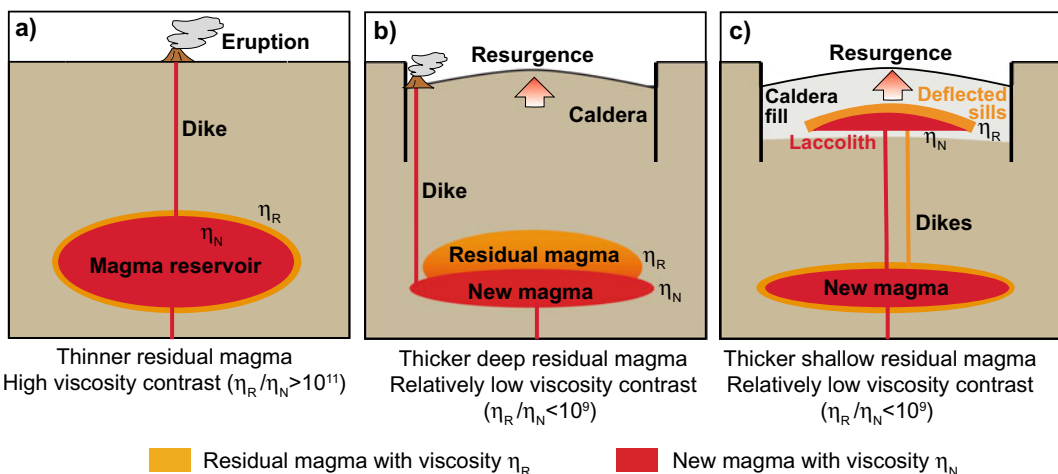


Fig. 5.13 Conditions for resurgence. **a** A thinner layer of viscous residual magma (high viscosity contrasts with the new magma) promotes dike propagation and eruption, without resurgence. **b** A thicker layer of medium viscosity residual magma (with relatively low viscosity contrast with the new magma) hinders dike propagation, promoting stagnation and resurgence; peripheral eruptions may occur. **c** Same as **(b)**, but shifted at shallower levels: dikes (orange) may arrest within the altered intracaldera tuff, developing one or more sills (orange) constituting a rheological barrier for successive dikes (red), stagnating in laccoliths and promoting resurgence. Mechanism **(c)** may be alternative to, or combined with, **(b)** (modified after Galetto et al. 2017)

The updated version of this chapter can be found at
https://doi.org/10.1007/978-3-030-65968-4_5