

Description of the files of ESM5.

Growth and collapse of the 2018–2019 lava dome of Merapi volcano.

Karim Kelfoun, Agus Budi Santoso, Thierry Latchimy, Martial Bontemps, Ilham Nurdien, François Beauducel, Ali Fahmi, Raditya Putra, Nabil Dahamna, Antoine Laurin, Mochammad Husni Rizal, Jatmika Teja Sukmana, Valentin Gueugneau

ESM5a_viscous_profile

ESM5a_viscous_profile_3D.m	Matlab code
ESM5a_dome_shape_march2019.tif	b&w image used to define the domain geometry

ESM5b_VolcFlow_phase1_Fig7a

ESM5b_input_file_dome_2018.m	Input file of VolcFlow
ESM5b_DEM_2018.mat	DEM file, Matlab format
ESM5b_DEM_2018.grd	DEM file, Surfer 6 format
ESM5b_repr_dome_2018.m	script done for the results visualization
ESM5b_vent_location.tif	image that defines the vent area

ESM5c_VolcFlow_phase2_Fig7b

ESM5c_input_file_dome_2019.m	Input file of VolcFlow
ESM5c_DEM_2019.grd	DEM file, Matlab format
ESM5c_DEM_2019.mat	DEM file, Surfer 6 format
ESM5c_repr_dome_2019.m	script done for the results visualization
ESM5c_source_dome.m	script done to define the source conditions
ESM5c_vent_location_2019.tif	image that defines the vent area
ESM5c_bound_cond.tif	image that defines the source conditions
