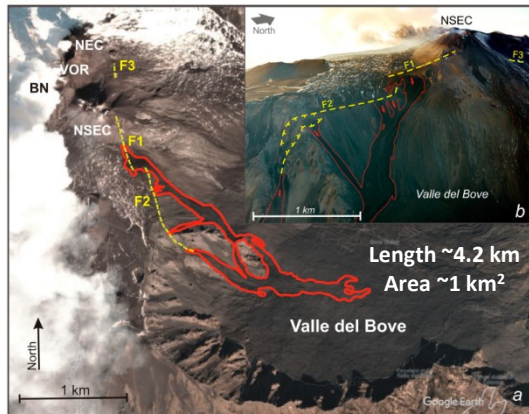
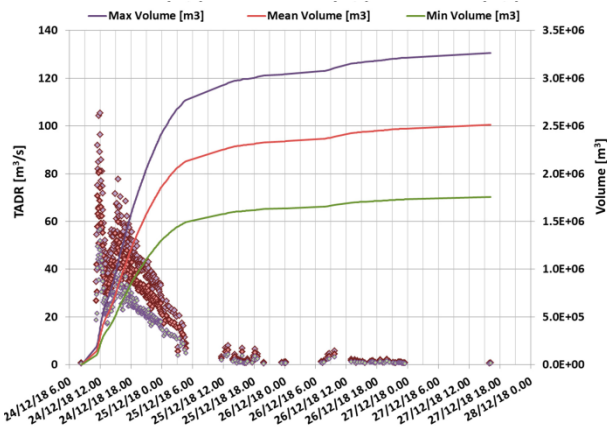
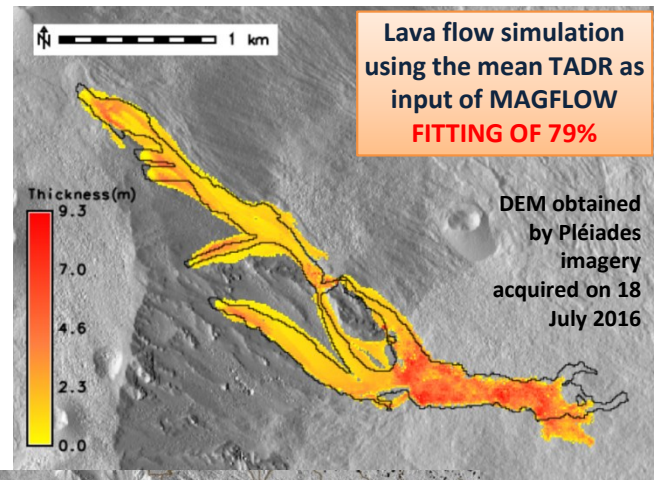




Lava flow (red) on GE (from Calvari et al., 2020 – doi:10.3390/rs12060905)

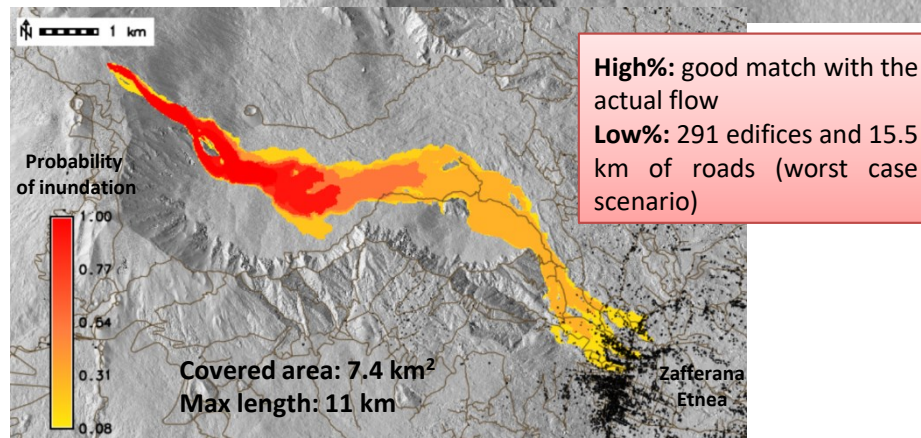
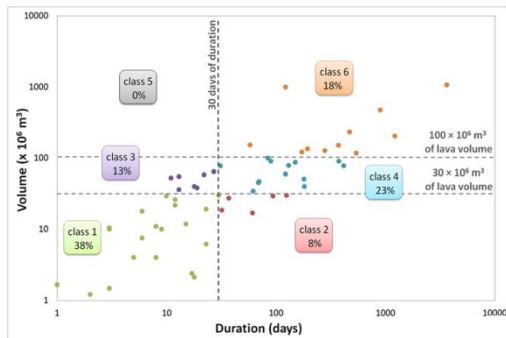


TADR and volume retrieved by HOTSAT using SEVIRI



Could the lava flow have reached inhabited areas?

We ran six possible eruptive scenarios, identified by means of a statistical analysis of the flank eruptions occurred in the last 400 years (Del Negro et al., 2013 – doi: 10.1038/srep03493).



High%: good match with the actual flow
Low%: 291 edifices and 15.5 km of roads (worst case scenario)