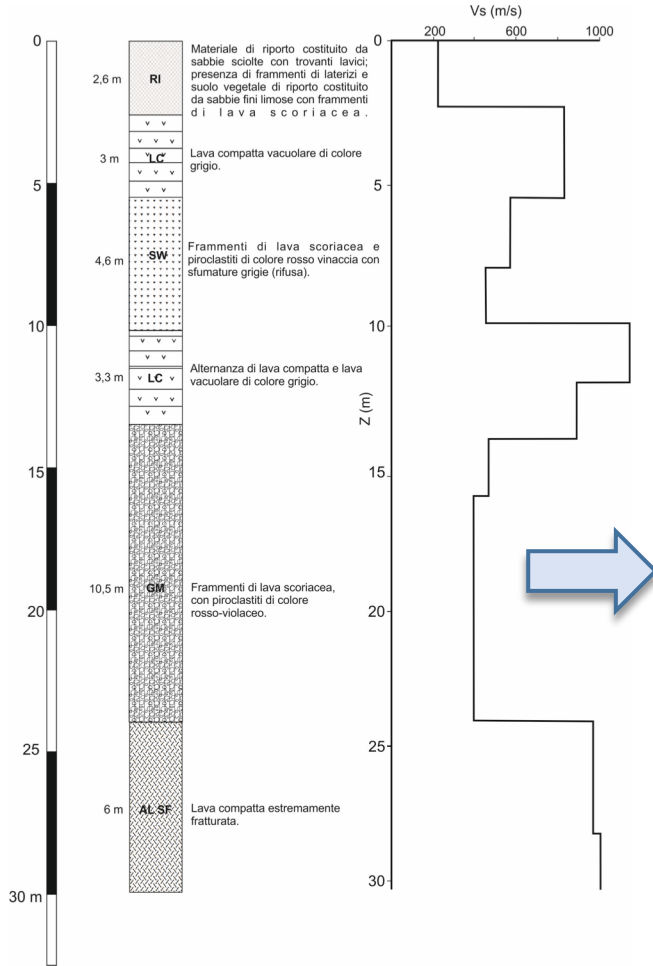
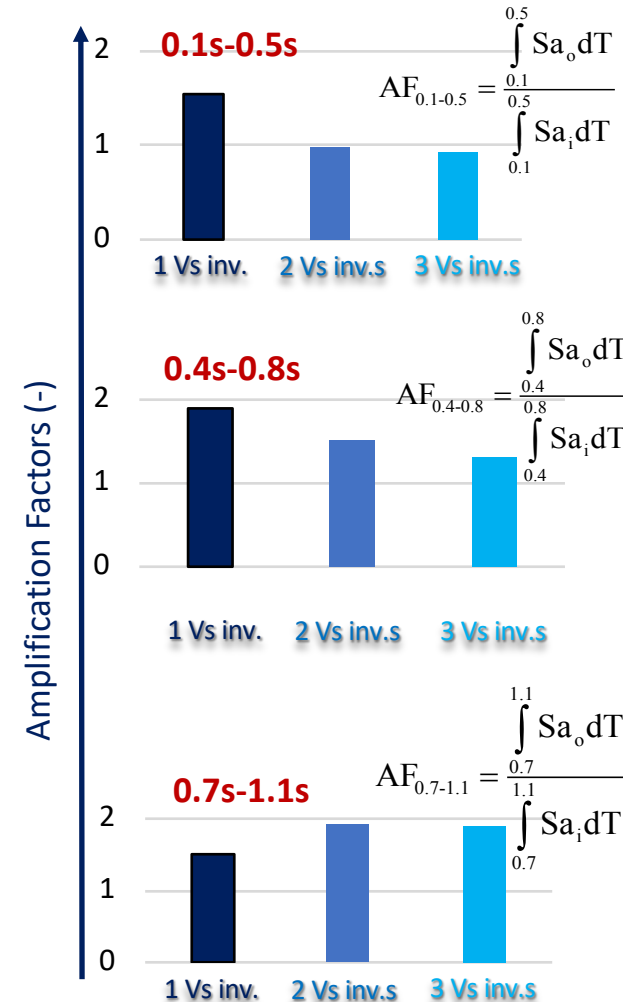
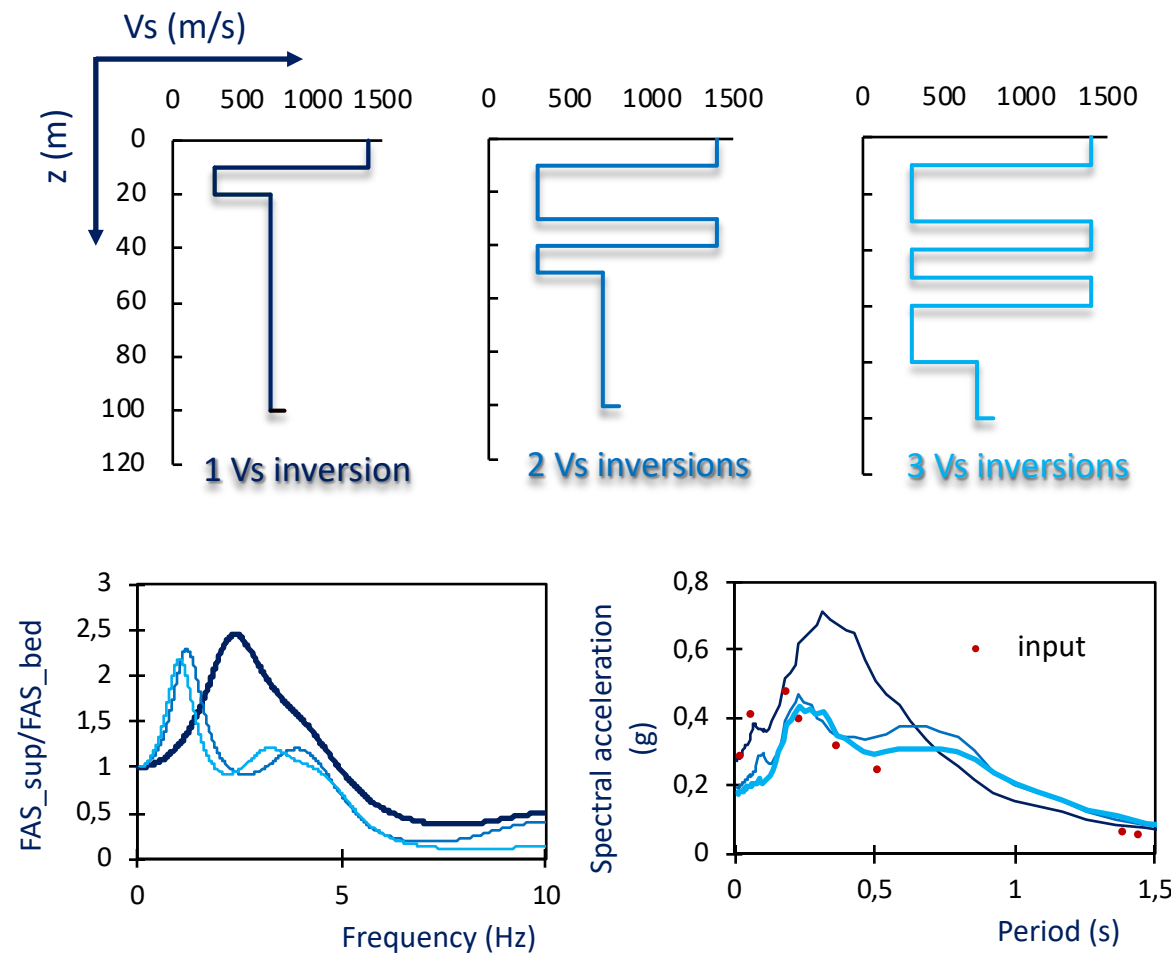


**Example of Vs profile alternation in volcanic area (Sicily – south Italy)**



**1D SEISMIC SITE RESPONSE ANALYSES RESULTS**



Stefania Fabozzi<sup>1</sup>, Stefano Catalano<sup>2</sup>, Giuseppe Naso<sup>3</sup>, Alessandro Pagliaroli<sup>4</sup>, Edoardo Peronace<sup>1</sup>, Attilio Porchia<sup>1</sup>, Gino Romagnoli<sup>1</sup>, Massimiliano Moscatelli<sup>1</sup>

<sup>1</sup> Institute of Environmental Geology and Geoengineering, Rome, Italy (corresponding author: [stefania.fabozzi@igag.cnr.it](mailto:stefania.fabozzi@igag.cnr.it))

<sup>2</sup> Department of Biological, Geological and Environmental Science, University of Catania, Italy

<sup>3</sup> Department of Civil Protection, Rome, Italy

<sup>4</sup> Department of Engineering and Geology – University of Chieti Pescara G. D'Annunzio, Italy



In collaboration with:

