The vulnerability map highlights those areas that have a high potential for loss in case of a hazard. Those are especially the areas with a high population and thus also building and road density, e.g. the cities of Catania, Paterno and Biancavilla. But also less densely populated areas like the coast north of Catania are still endangered. Many streets are also clearly visible while the area around the main crater of Etna is mostly left without any buildings or infrastructure that could be damaged.

The risk map is a layer that can be used with pretty much every other georeferenced map e.g. OSM. It shows the regions of the highest risk in light green and regions with lower risk in blue and dark purple colors. The region around the Monti Rossi crater is already an area of very high risk (city of Nicolosi). Southwards, it is very obvious that the lava takes ist way around the Monpilieri so the higher areas are not endangered at all. Several streams take their way south to Catania, but almost but one end before reaching the city. In contrast, many towns north of Catania have a higher risk of destruction. There is one small stream in south west direction of very small risk due to the low vulnerability in this area.