VOLCANOLOGY AND GEOMORPHOLOGY

SOURCES

http://www.parkarchipelago.gov.it/pnra/sec/archivio_notiziario.asp

https://en.wikipedia.org/wiki/Filicudi#Geography

https://www.vibrio2012.it/sites/default/files/pdf/Vibrio_Vol_Abstracts_Book.pdf
Abstracts - VIBRIO 2012 Europe

Tribble, G., Lo Cascio, P., Quartieri, M., Sheehy, N. **Il Museo delle Isole Eolie**. Lipari, 2007.

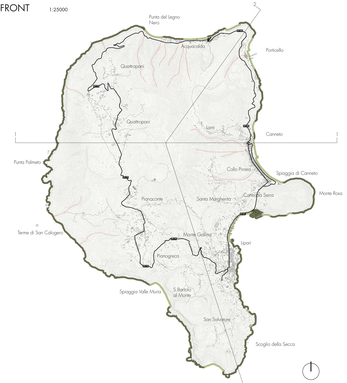
F. Lucchi, R. Pacciarotti, J. Keller, J.-A. Trishar, P.L. Rossi. **The Aeolian Islands Volcanoes**. 2010

TOPOGRAPHY OF WATERFRONT

1:25000

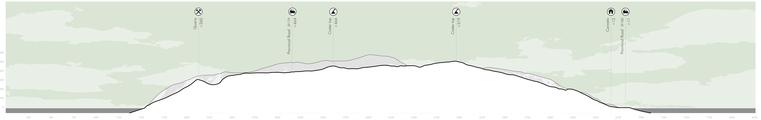
provincial road
canyon
cliff
beach

In general, the waterfront of Lipari island has two typical type: the cliff and the beach. From the map we can easily find that the eastern part of the island has more resource of beach, and cliffs are more common in the western part. That is one of the reason that there is more towns and villages located along the eastern coast but only a few of them in the western area.



TOPOGRAPHY OF WATERFRONT

1:10000



SECTION 1 -1

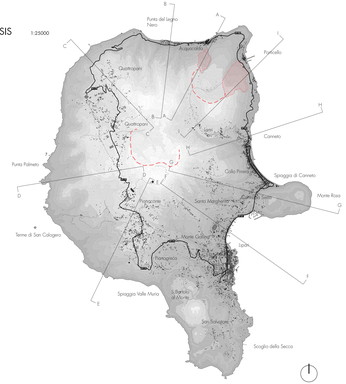
SECTION 2 -2

TERRAIN SECTION ANALYSIS

1:25000

provincial road
pathway
crater top
quarry

The highest point of Lipari island is at the center, where is also an edge of a crater. The maxium altitude is over 500m, which means the average gradient is quite large in this island. Because of the volcano eruption, the northeastern part of the island is relatively flatter than its southwestern part.



TERRITORIAL SECTION ANALYSIS

altitude
+500m
+450m
+400m
+350m
+300m
+250m
+200m
+150m
+100m
+50m
+0m

SHORT SECTION

1:10000

SECTION A - A

SECTION B - B

SECTION C - C

SECTION D - D

SECTION E - E

SECTION F - F

SECTION G - G

SECTION H - H

SECTION I - I