

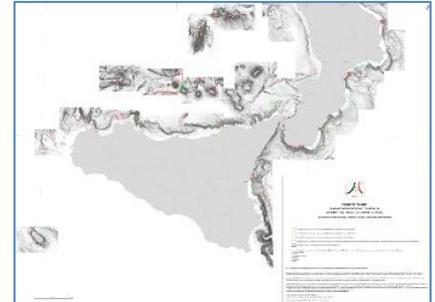
# MaGIC2 Project Dataset description

## Activity 1- Classification of Critical Points (PC)

1 document in PDF format, concerning the "Methodology for the classification of PC";

4 raster images (Geotiff format) showing the location of the classified PC within the regional sectors (Liguria, Sardinia, Sicily-Calabria, Tyrrhenian-Adriatic-Ionian) of the Italian Seas mapped by the MaGIC Project;

1 dataset in Shapefile format containing the rectangles of the classified PC;



5 tables in CSV format related to the classified PC;

Canyon	#	%	Frane	#	%	Tettonici	#	%	Eruzioni	#	%	Pockmark	#	%
Rosso ≥7	26	23	Rosso ≥2.5	8	13	Rosso ≥2	6	19	Rosso ≥2	3	37.5	Rosso ≥3	3	23
Arancione	30	27	Arancione	18	29	Arancione	14	44	Arancione	2	25	Arancione	6	46
Verde <2	56	50	Verde <1.25	36	58	Verde <1	12	37	Verde <1	3	37.5	Verde <2	4	31
totale	112		totale	62		totale	32		totale	8		totale	13	

13 documents in PDF format, showing a detailed description of the most important PC.

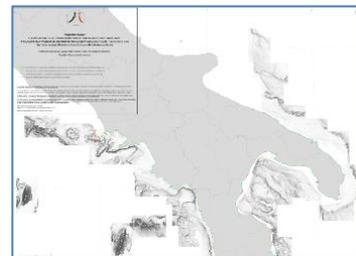


## Activity 2 - Classification of the Italian coasts to marine geohazards

### 2a Preliminary classification of the Italian coasts to marine geohazards

1 document in PDF format, concerning the "Methodology for the preliminary classification of the susceptibility of the Italian coasts to marine geohazards";

32 raster images (Geotiff format) related to the 8 morphological elements associated with marine geohazards for the 4 regional sectors (Liguria, Sardinia, Sicily-Calabria, Tyrrhenian-Adriatic-Ionian) of the Italian Seas mapped by the MaGIC Project;



4 datasets in Shapefile format related to morpho-bathymetric elements (lines and points), tsunamigenic landslide scars and 10 km coastal tracts.

## 2b Advanced classification of the Calabro-Tyrrhenian coast

5 raster images (*Geotiff* format) with the classification of the Calabrian coast for the 5 morphological elements associated with marine geohazards;

11 raster images (*Geotiff* format) with the classification of the Calabrian coast for each simulated tsunamigenic landslide event;

6 datasets in *Shapefile* format related to the morphobathymetric elements, landslide scars, tsunamigenic landslide scars, points, 2 km coastal tracts and detailed coastal tracts.

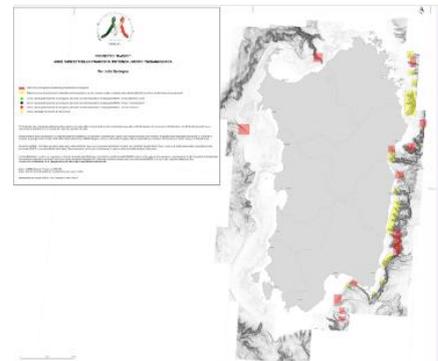


## Activity 3 - Mapping of potentially tsunamigenic landslide areas

1 document in *PDF* format, concerning the "Definition of the methodology for the mapping of areas susceptible to potentially tsunamigenic landslides";

4 raster images (*Geotiff* format) potentially tsunamigenic landslide areas within the regional sectors (Liguria, Sardinia, Sicily-Calabria, Tyrrhenian-Adriatic-Ionian) mapped by the Project;

3 datasets in *Shapefile* format containing the potentially tsunamigenic areas, tsunamigenic landslides and potentially tsunamigenic landslides.



## Activity 4 - Vectorization of IIM graphs and mosaicking of IIM and MaGIC bathymetric dataset

1 document in *PDF* format, concerning the "Methodology used for the vectorization of IIM graphs and for the mosaicking of IIM and MaGIC bathymetric dataset";

59 tables in *ASCII* format (.txt) containing the vectorized IIM sounding charts;

4 raster images (*Geotiff* format), containing the mosaic of IIM dataset within the regional sectors (Liguria, Sardinia, Sicily-Calabria, Tyrrhenian-Adriatic-Ionian) of the Italian Seas mapped by the MaGIC Project.

*It should be noted that such data can be used only for civil protection purposes, without the specific authorization of the IIM. Moreover, it is forbidden to use such data for commercial purposes as well as to produce cartography for navigation.*