

Station Code

TOPP

Recording Station

PIAN DEL TOPPO

Network

NI

**First compilation**

**Last update**

Year	Month	Day
1970	01	01
1970	01	01

# General Information

Station  
photograph

Image not available

Code

TOPP

Owner

CRS Centro di Ricerche Sismologiche, OGS

Housing

Instrumentation

# Geographical Information (1/2)

## Location

Region FRIULI-VENEZIA GIULIA

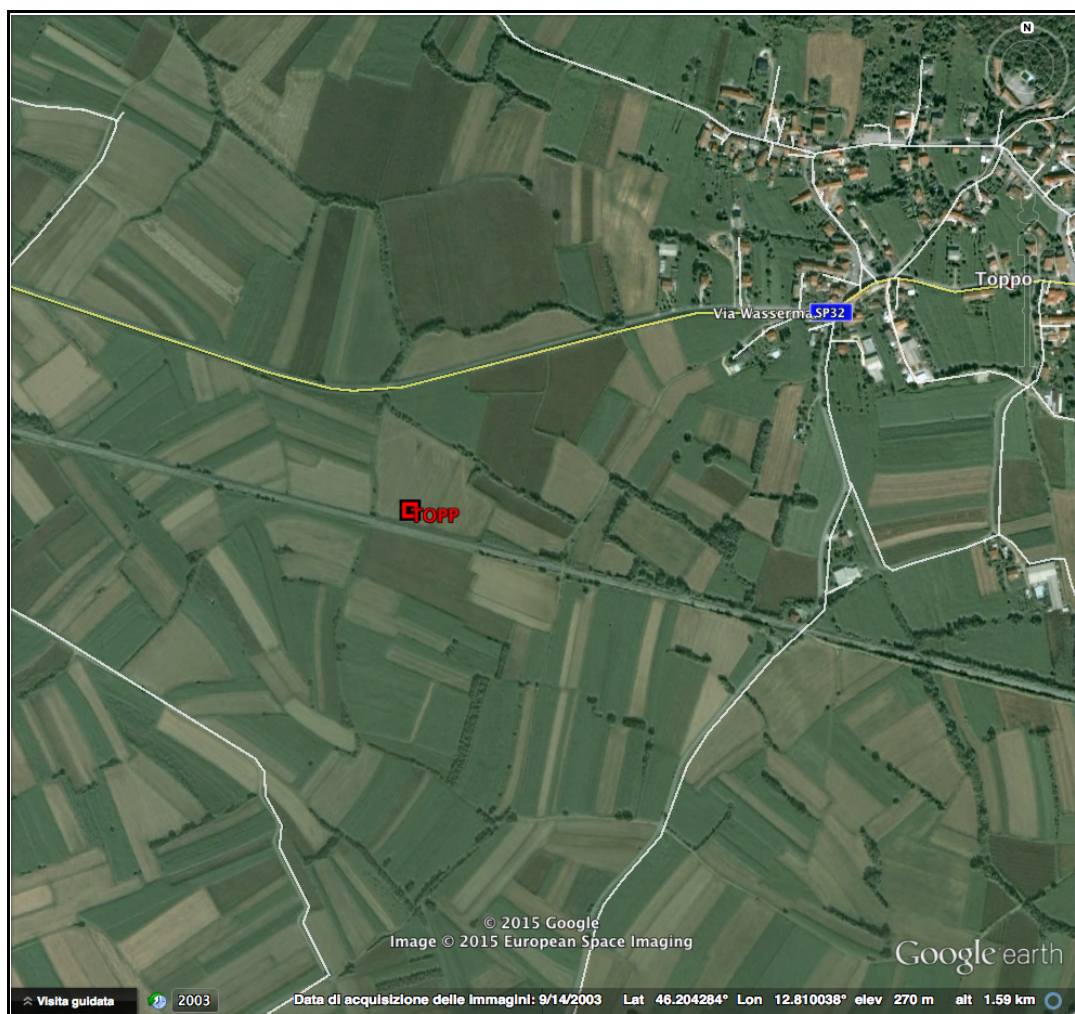
Province Pordenone

City TRAVESIO

Place / Address Pian del Toppo

ISTAT Code 093047

Notes



Location map  
(Italy and Region)

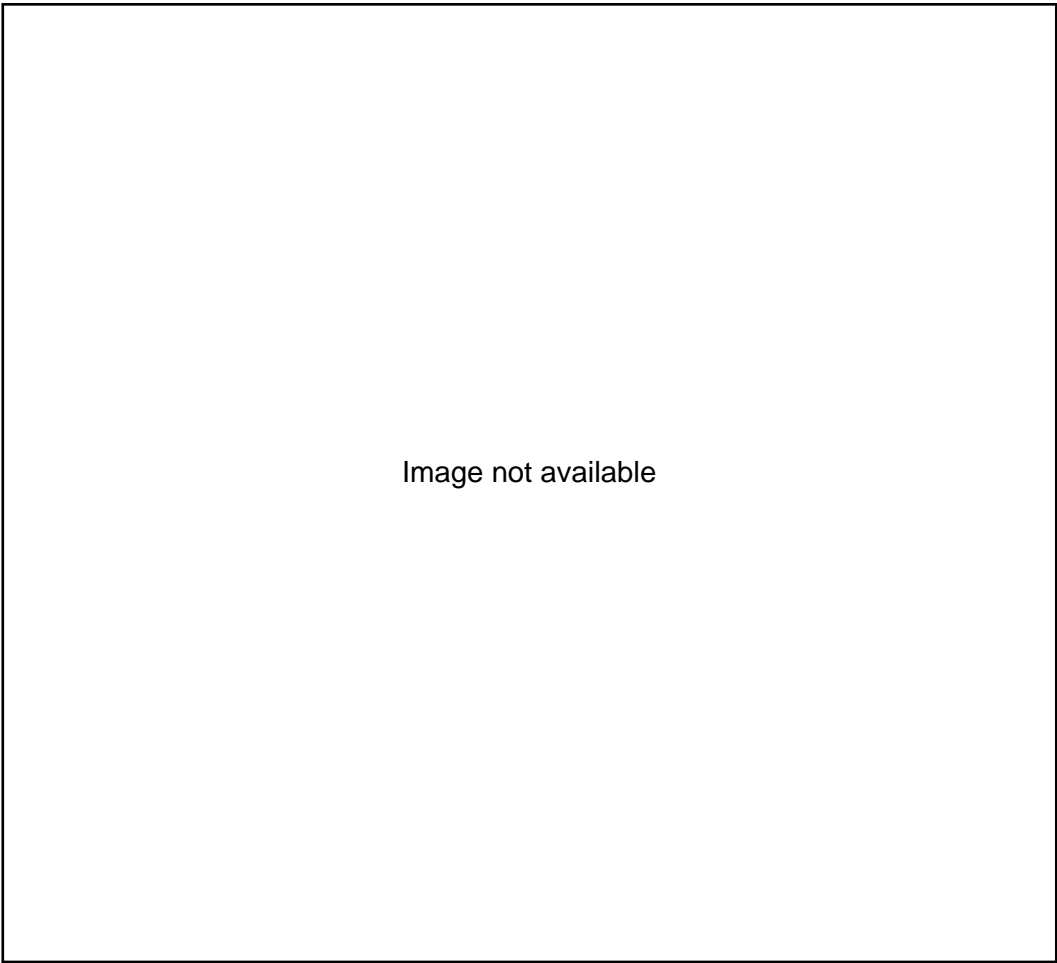
# Geographical Information (2/2)

## Coordinates

	Latitude	Longitude
Geographic (WGS84)	46.198488	12.817060
Elevation (m a.s.l.)	258	

## Cartography

	Scale	Code
Topographic map (I.G.M.I.)	1:25.000	null null null
	Scale	Element number
Regional technical map (C.T.R.)		



I.G.M.I. or C.T.R.  
map

# Geomorphology

## Site morphology

X	Plain	Valley (centre)	Valley (edge)	Alluvial fan
	Saddle	Slope	Edge of scarp	Ridge

## Landslides

☐

Not present

Present

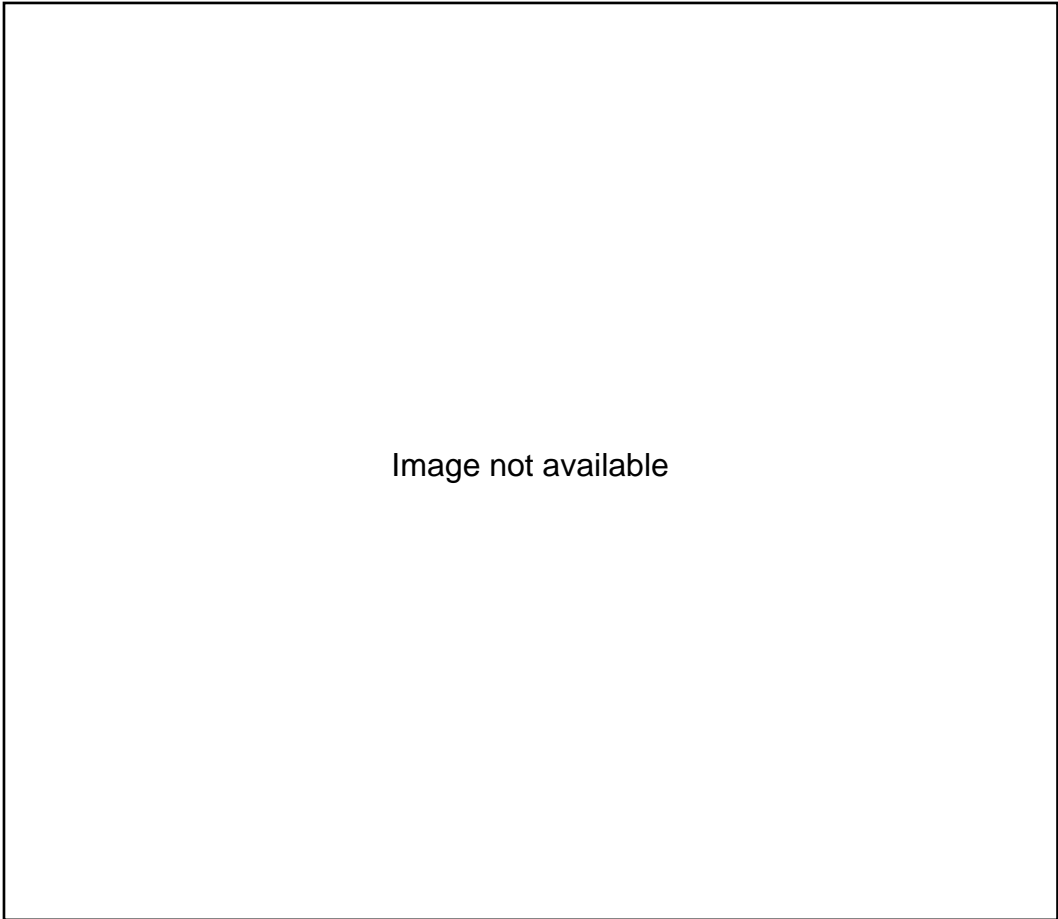
☐

Active or quiescent

☐

Inactive or stabilized

Distance (m)



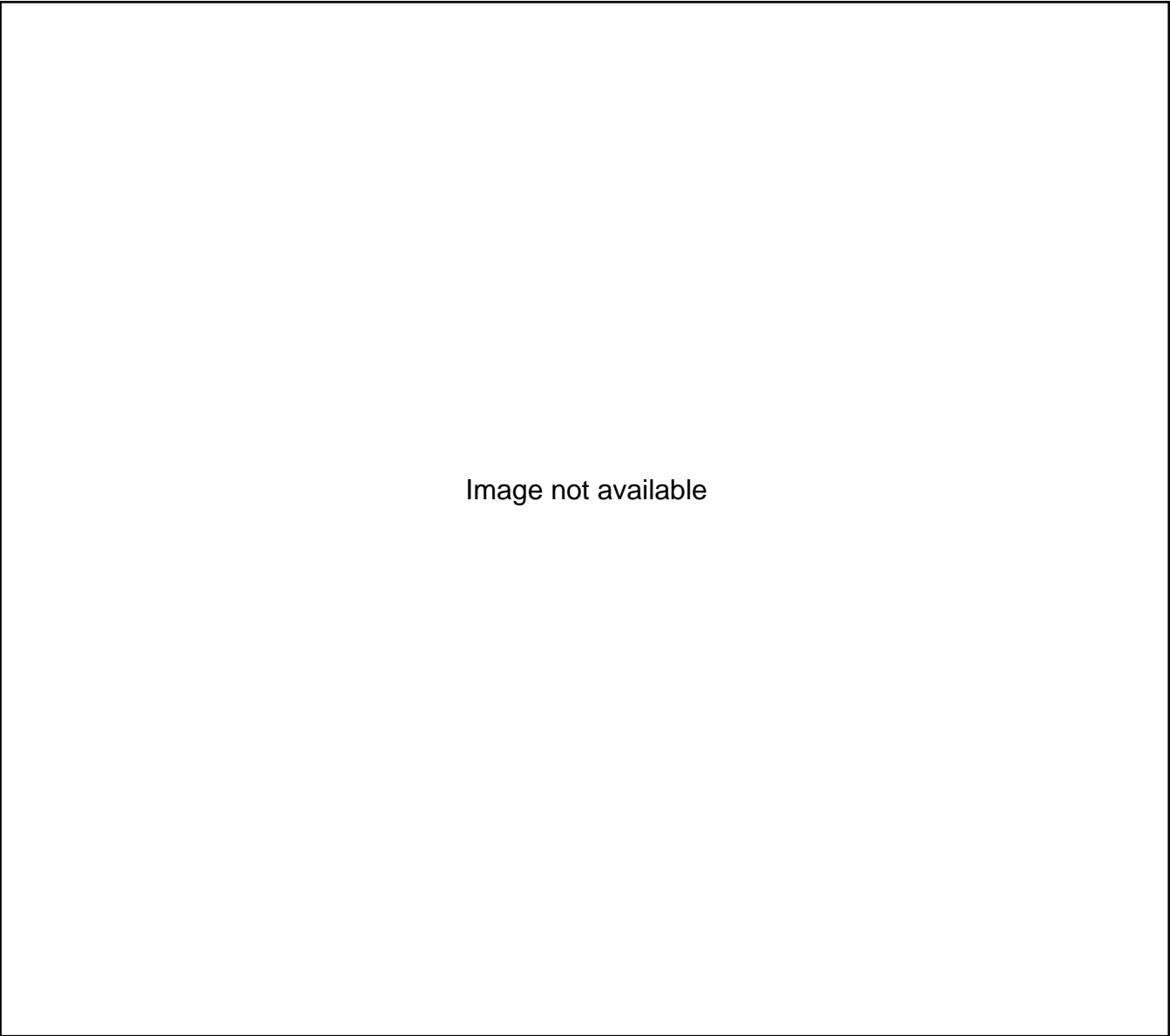
I.F.F.I. map

Notes

# Geology

## Cartography

	Scale	Sheet number	Sheet name
Geological map			



Fault proximity	<div><div>certain</div><div>supposed</div></div>	<div><div></div><div></div></div> <div>(see notes for further information)</div>
-----------------	--	--

Notes

## Microtremor H/V spectral ratio

Image not available.

$f_0$  (mt) (Hz)



# Site classification (EC8 – NTC2008)

## Lithostratigraphic classification

### Estimated

Method <sup>1</sup>	Soil class <sup>2</sup>	Notes

1	GEO	Geological data
Legend	EC	Empirical correlation
	HV	H/V spectral ratio

### Based on in-situ measurements

Method <sup>3</sup>	$V_{s30}$ (m/s)	Soil class <sup>2</sup>

2	A	Rock or other rock-like geological formation, including at most 5 m of weaker material at the surface ( $V_{s30} > 800$ m/s).
Legend	B	Deposits of very dense sand, gravel, or very stiff clay, at least several tens of m in thickness, characterized by a gradual increase of mechanical properties with depth ( $V_{s30} = 360-800$ m/s).
	C	Deep deposits of dense or medium dense sand, gravel or stiff clay with thickness from several tens to many hundreds of m ( $V_{s30} = 180-360$ m/s).
	D	Deposits of loose-to-medium cohesionless soil (with or without some soft cohesive layers), or of predominantly soft-to-firm cohesive soil ( $V_{s30} < 180$ m/s).
	E	A soil profile consisting of a surface alluvium layer with $V_s$ values of type C or D and thickness varying between about 5 m and 20 m, underlain by stiffer material with $V_s > 800$ m/s.

3	CH	Cross-Hole
Legend	DH	Down-Hole
	ES	ESAC
	FK	FK
	MW	MASW
	NW	NASW
	SH	SH-Refraction
	SW	SASW
	—	—

## Topography classification

Topography category <sup>4</sup>
T1

4	T1	Flat surface, isolated slopes and cliffs with average slope angle $i \leq 15^\circ$ .
Legend	T2	Slopes with average slope angle $i > 15^\circ$ .
	T3	Ridges with crest width significantly less than the base width and average slope angle $15^\circ \leq i \leq 30^\circ$ .
	T4	Ridges with crest width significantly less than the base width and average slope angle $i > 30^\circ$ .



# Synthesis of information

## Information relevant to site classification

## Notes

$V_{s30}$ (m/s)		
Average $N_{SPT}$ to 30m		
Average $c_u$ to 30m (kPa)		
Site class (EC8 – NTC2008)		
Topography category (EC8 – NTC2008)	T1	

## Geological, geomorphological and geomechanical information

Lithology		
Morphology	Plain	
Rock mass		

## Other information relevant to seismic site response

Depth to bedrock (m)		
Average $V_s$ to bedrock (m/s)		
$f_0$ from H/V microtremors (Hz)		
$f_0$ from H/V earthquakes (Hz)		

## Distinctive features of site response

--	--