Station Code

OG001

Recording Station

CONA - Ospedale Nuovo

Network

Temporary network

	Year	Month	Day
First compilation	1970	01	01
Last update	1970	01	01

General Information

Station
photograph

Code	OG001
Owner	CRS Centro di Ricerche Sismologiche, OGS
Housing	
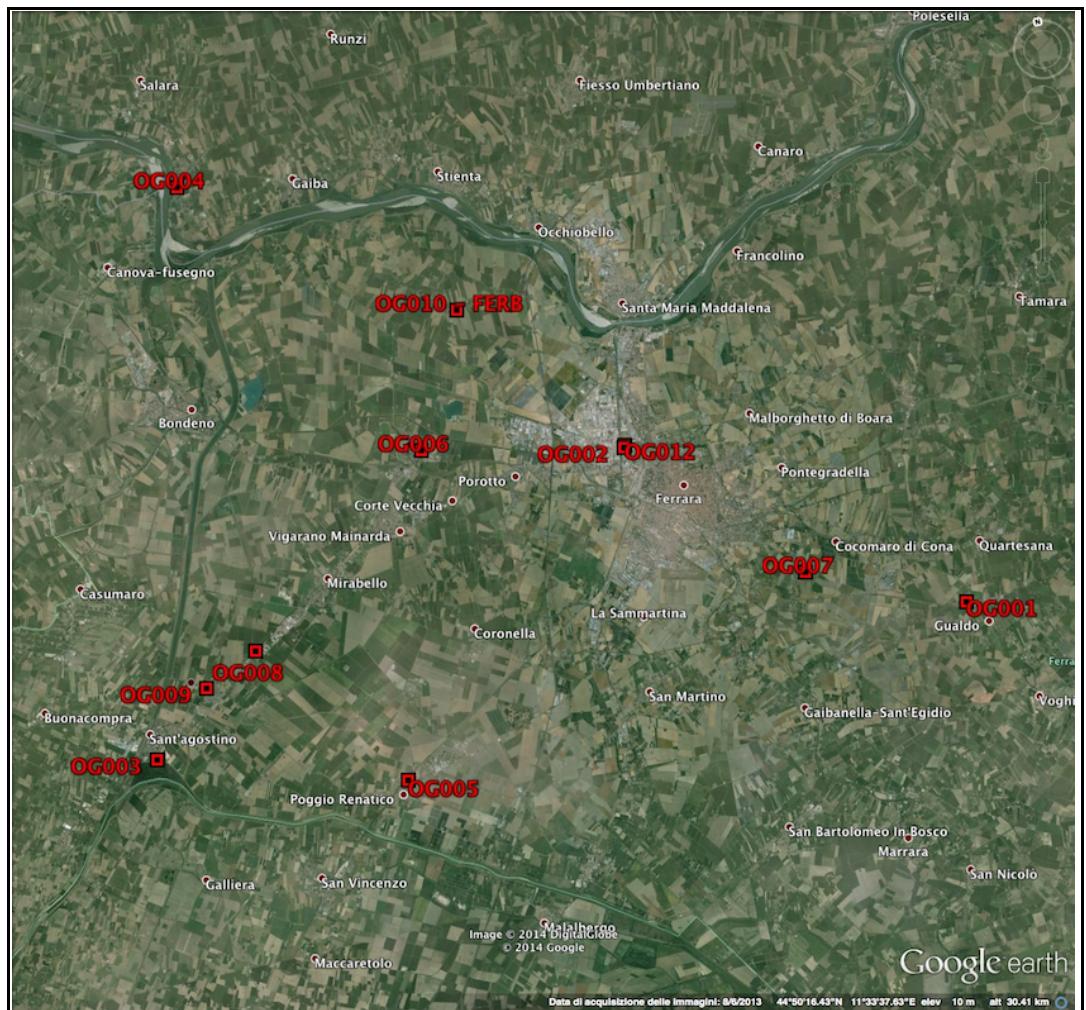
Instrumentation

Geographical Information (1/2)

Location

Region	EMILIA-ROMAGNA
Province	Ferrara
City	VOGHIERA
Place / Address	Cona - Ospedale Nuovo
ISTAT Code	038023
Notes	

Location map
(Italy and Region)

Coordinates

	Latitude	Longitude
Geographic (WGS84)	44.800311	11.695581
Elevation (m a.s.l.)	7	

Cartography

	Scale	Code
Topographic map (I.G.M.I.)	1:25.000	null null null

	Scale	Element number
Regional technical map (C.T.R.)		

Image not available

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

Geomorphology
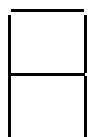
Site morphology

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

Landslides

☐ Not present
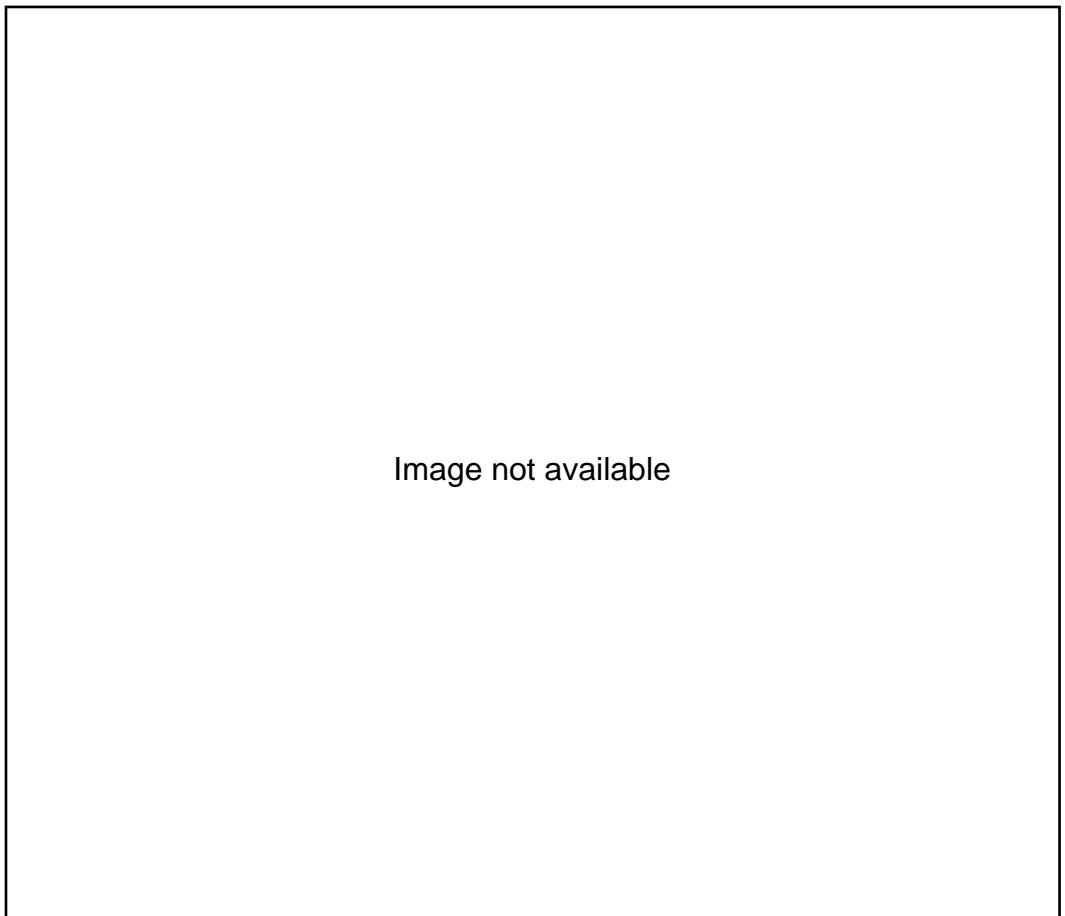
Present ☐ Active or quiescent
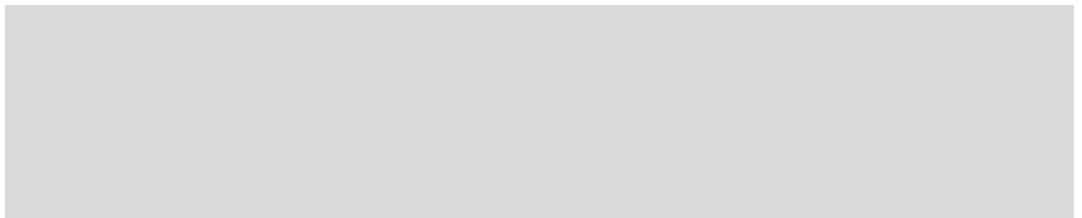
☐ Inactive or stabilized

Distance (m)

Image not available

I.F.F.I. map

Notes

Geology

Cartography

	Scale	Sheet number	Sheet name
Geological map			
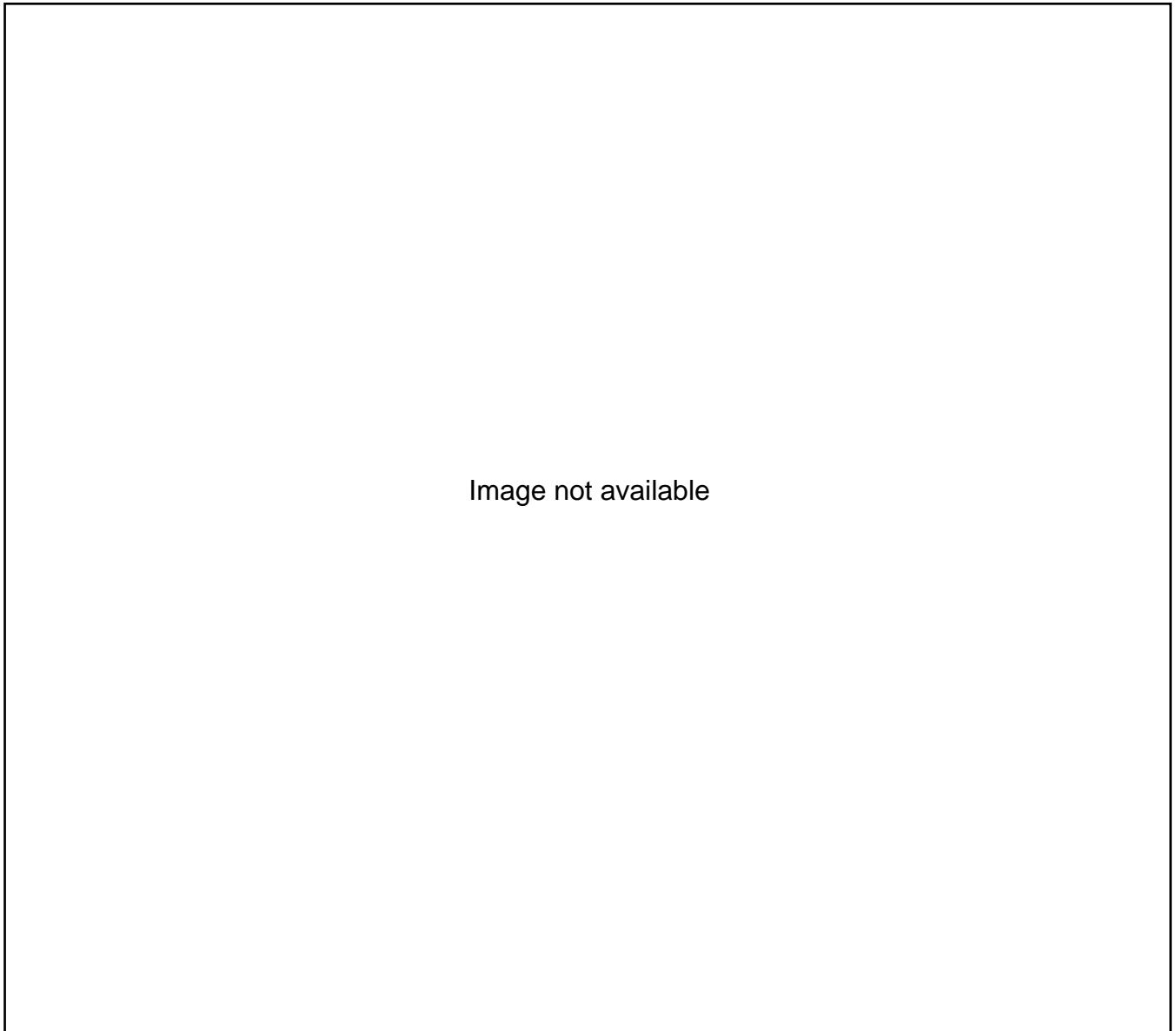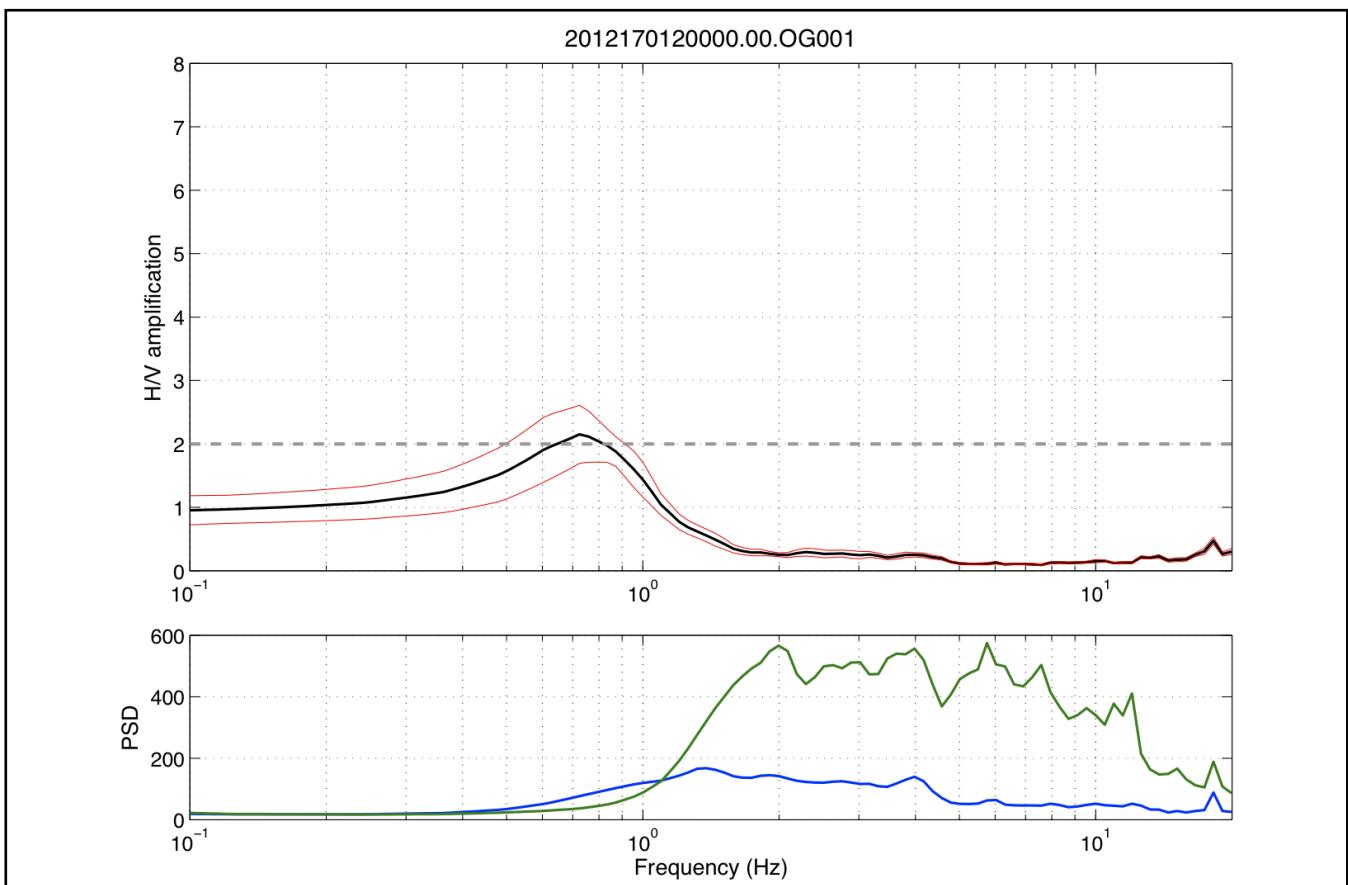
```
Image not available
```

Fault proximity   certain ☐   (see notes for further information)
                   supposed ☐

Notes

Microtremor H/V spectral ratio

2012170120000.00.OG001

$f_{0\ (mt)}$ (Hz)

Site classification (EC8 – NTC2008)

Lithostratigraphic classification

Estimated

Method[1]	Soil class[2]	Notes

Legend [1]

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

Based on in-situ measurements

Method[3]	V_{s30} (m/s)	Soil class[2]
EST		C

Legend [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).
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.

Legend [3]

CH	Cross-Hole
DH	Down-Hole
ES	ESAC
FK	FK
MW	MASW
NW	NASW
SH	SH-Refraction
SW	SASW
___	_____

Topography classification

Topography category[4]
T1

Legend [4]

T1	Flat surface, isolated slopes and cliffs with average slope angle i≤15°.
T2	Slopes with average slope angle i>15°.
T3	Ridges with crest width significantly less than the base width and average slope angle 15°≤i≤30°.
T4	Ridges with crest width significantly less than the base width and average slope angle i>30°.

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)

C	
T1	

Geological, geomorphological and geomechanical information

Lithology

Morphology

Rock mass

Plain	

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