5J (2014-2016): The Sardinia Passive Array Experiment (SPAE)

FDSN Network Information

Are you the operator of this network? Update this information.

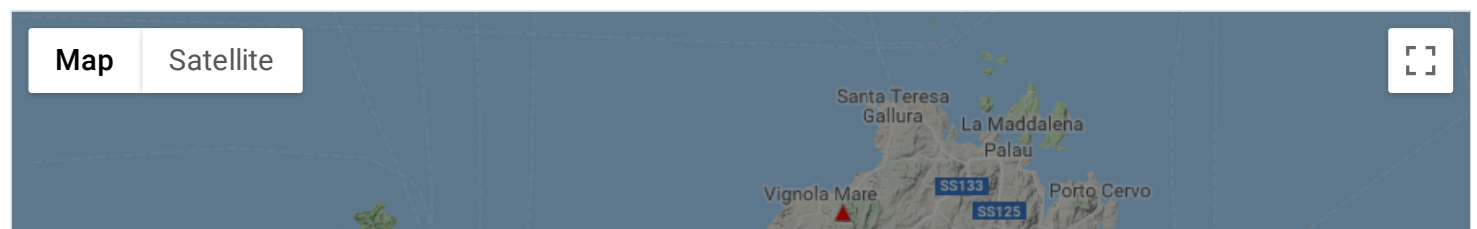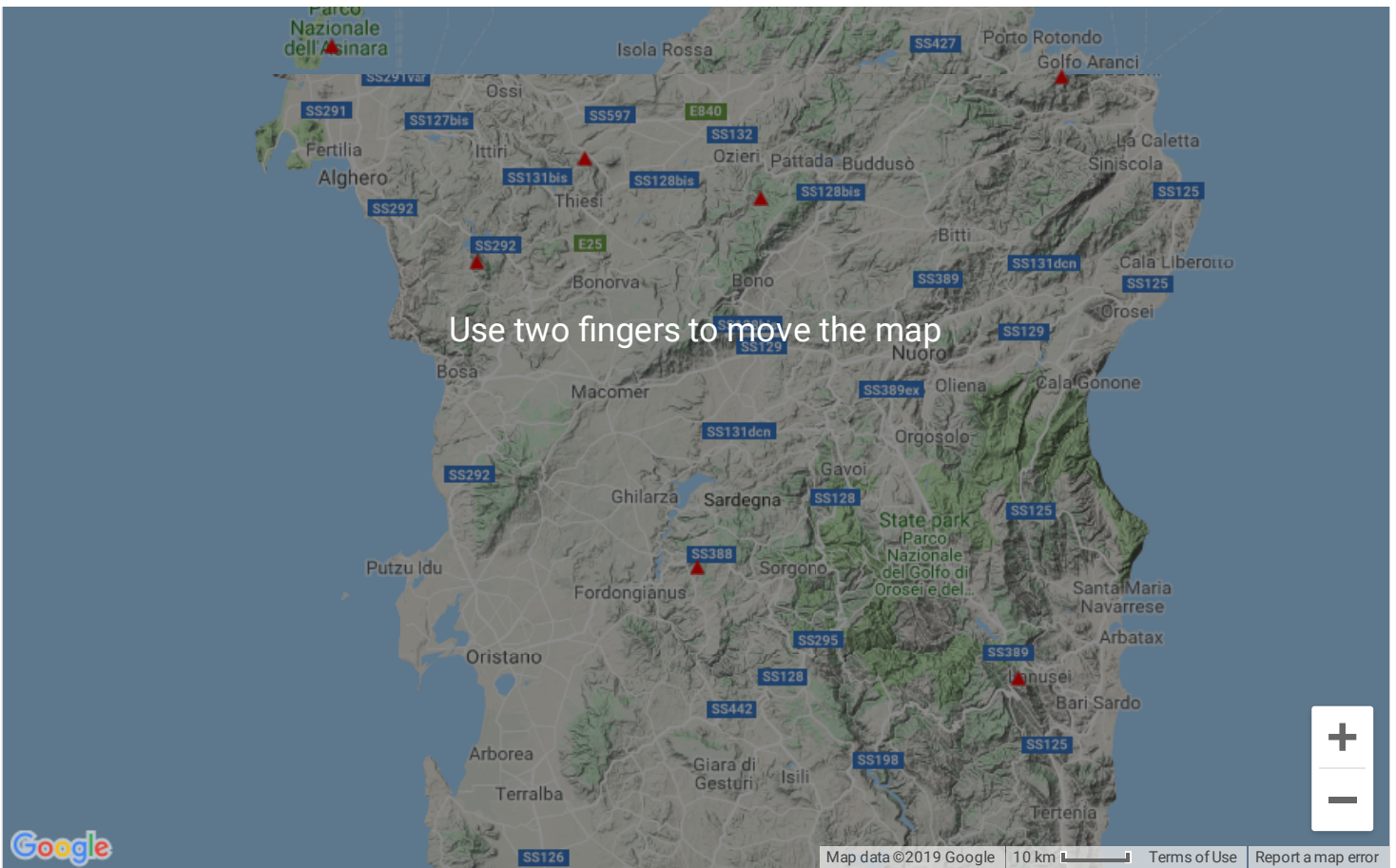|			
FDSN code	5J (2014-2016)	**Operated by**	Istituto Nazionale di Geofisica e Vulcanologia (INGV)
Network name	The Sardinia Passive Array Experiment (SPAE) (SPAE)	**Deployment region**	Italy
Start date	2014-07-16	**End date**	2016-09-27
Short description	The Sardinia Passive Array Experiment (SPAE) was carried out in central-northern Sardinia (Italy), between July 2014 and September 2016, with the main goal of acquiring new data for studies on the lithospheric structure and seismicity of the Sardinia-Corsica block. The array consisted of 8 three-component stations, deployed progressively through the observing period. Stations were equipped with Reftek RT130 digitizers and mainly Lennartz 3D/5s sensors. A Nanometrics Trillium Compact 120s seismometer was also installed. The temporary network recorded in continuous mode at 100 sps. The collected dataset includes over 250, Mw > 5.5, teleseisms , occurred worldwide. A number of local earthquakes were also detected during the campaign, both at the borders, beneath the Tyrrhenian and Western Mediterranean seas, and within the continental block in the Bonifacio strait, and Gallura (northern Sardinia). The seismic survey was complemented by site selection for new permanent stations of the Italian National Seismic network.		

Citation Information

Digital Object Identifier (DOI)	https://doi.org/10.7914/SN/5J_2014
Citation	Cimini, G.B., Marchetti, A., Silvestri, M. (2018): The Sardinia Passive Array Experiment (SPAE). Istituto Nazionale di Geofisica e Vulcanologia. Dataset/Seismic Network. 10.7914/SN/5J_2014

Data Access

Data Availability	Data available from: **The Italian National Institute of Geophysics and Volcanology (INGV)** : http://webservices.ingv.it/fdsnws/dataselect/1/ FDSN Web Services provide a common data access API for seismic data. Availability based on irisws-fedcatalog service. **Full fedcatalog information for this network**
Additional Notes	The SPAE dataset is accessible at the EIDA repository.

Stations in this Network

Use two fingers to move the map

Station Code	Station Name	Latitude	Longitude	Data Center(s)
SPX1	Oschiri	40.82101	9.10094	INGV
SPX2	Villanova Monteleone	40.44266	8.53796	INGV
SPX3	Lanusei (OG)	39.87674	9.50299	INGV
SPX4	La Corte (SS)	40.73579	8.28031	INGV
SPX5	Torpe	40.69413	9.57943	INGV
SPX6	Siligo	40.58226	8.73193	INGV
SPX7	Ula Tirso (OR)	40.02666	8.93322	INGV
SPX8	Bultei	40.52855	9.04376	INGV

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