IvreaArray – an AlpArray Complementary Experiment

IvreaArray is a temporary broadband seismic network composed of 10 station operated from July 2017 for a minimum of 1 year. It is an AlpArray Complementary Experiment (www.alparray.ethz.ch).

The goal of IvreaArray is to characterize the structure and physical properties of the Earth crust and lithosphere in the area of Val Sesia, Northern Italy. In particular, the Ivrea Geophysical Body is a prime target. Methodologies will include the calculation of receiver functions, tomographic images, local earthquakes, and other seismological studies.

The attached file contains the coordinates of the installed stations. The FDSN-registered network code is XK. The data will be open to the public 3 years after the data acquisition is completed.

Station Name	Latitude (°N)	Longitude (°E)	Elevation (m a.s.l.)
IA01A	45.82992	8.11335	635
IA02A	45.83382	8.18232	665
IA03A	45.82976	8.24704	600
IA04A	45.81858	8.31312	777
IA05A	45.82140	8.37164	555
IA06A	45.83221	8.43384	690
IA07A	45.80854	8.51060	612
IA08A	45.84903	8.55758	539
IA09A	45.82395	8.61501	250
IA10A	45.82035	8.69914	285