



ITACA v 2.3

The Italian ACcelerometric Archive **ITACA v 2.3** contains the strong motion data and the relevant metadata acquired by the main strong motion networks operating in Italy from 1972 to 2017.

The main updates with respect to ITACA 2.2 (June 2017) are the station metadata from B2 2016-2017 Project (DPC-INGV Agreement 2012-2021 – *Obiettivo 1* – Task B):

- 20 shear wave velocity profiles have been acquired.
- 137 fundamental frequencies relative to stations of the Italian seismic network (IV code) and Mediterranean very broadband seismographic network (MN code) are added.
- 16 geological maps at detailed scale have been prepared for 11 stations of the Italian Accelerometric Network (IT code) and 5 stations of the Italian seismic network (IV code).
- 148 geological maps and 302 litho-technical maps for stations of the Italian seismic network (IV code) are added.
- 7 microtremor measurements for 7 (MCS, BGR, MVB, BVM, MMP1, MCA, CCT) stations of the Italian Accelerometric Network (IT code) and 5 (LAV9, ROM9, CDCA, CMPO, SANR) station of the Italian seismic network (IV code) are analysed and the corresponding fundamental frequencies are added.

Last update: December, 2017