The new emergency structure of the Istituto Nazionale di Geofisica e Vulcanologia (INGV) has an emergency structure to face the occurrence of strong earthquakes on the epicentral area. The COES (Centro Operativo Emergenza Sismica, Seismological Emergency Operational Center) - which is the central structure of the DPC that coordinates the emergency activities in the areas affected by the earthquake - located in the Guaina di Fiume (Coep) in the central area in a few hours after the mainshock. The high velocimeters and accelerometers are installed in the epicentral area to obtain useful information for detailed studies. The facility can be installed in a couple of days in the epicentral area and provides a full featured office with dedicated internet connection and VFX access to the INGV data management center in Rome.

During the daily operations, the Seismic Network (SeismoNet), which is the only one managed by INGV and rapidly installed in the disaster area to support all the INGV staff operative needs and to cooperate with the Civil Protection department (DPC), has been involved in the implementation of a new rapid response structure. This structure is composed of a real-time satellite telecommunications network, which is the central node of the SeismoNet, and new mobile units that can be remotely controlled - which is the central structure of the DPC that coordinates the emergency activities in the areas affected by the earthquakes - located in the Guaina di Fiume (Coep) in the central area in a few hours after the mainshock. The COES structure is a sort of mobile office equipped with satellite internet communication that can be remotely controlled. The COES was designed considering various scenarios of application, and was rapidly installed in the disaster areas to support the INGV staff operative needs and to cooperate with the Civil Protection department (DPC). The COES is the central structure of the DPC that coordinates the emergency activities in the areas affected by the earthquake. The facility can be installed in a couple of days in the epicentral area and provides a full featured office with dedicated internet connection and VFX access to the INGV data management center in Rome.

In 2011 the new structure was tested for the first time (Giovannetti et al., 2012). It was designed in collaboration with the Black Mountain (2007), a regional seismic risk emergency simulation organized by the Civil Protection department (DPC) in the Abruzzo region. The COES was involved in the implementation of a new rapid response structure. In May 2008 the new structure was tested for the first time (Giovannetti et al., 2008). The COES was involved in the implementation of a new rapid response structure.

The COES was designed considering various scenarios of application, and was rapidly installed in the disaster area to support the INGV staff operative needs and to cooperate with the Civil Protection department (DPC). The COES is the central structure of the DPC that coordinates the emergency activities in the areas affected by the earthquake. The facility can be installed in a couple of days in the epicentral area and provides a full featured office with dedicated internet connection and VFX access to the INGV data management center in Rome.

All people working at the DICIMA have been equipped with a COES at the start to ask in information. Soon after this educational activity has been organized in a more constrained way. Psychologists and social workers from INGV have contributed their experience. More targeted initiatives have been organized on three main topics:

1) provide basic scientific data and anything to understand information on the seismic sequences evolution using a constantly updated seismicity map and plots.
2) provide basic knowledge on the conditional review to catastrophic natural events and to the rescuers, and, if necessary, psychological support to the people shocked by the earthquake.

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