Supplement of

A paradigm of extreme rainfall pluvial floods in complex urban areas: the flood event of 15 July 2020 in Palermo (Italy)

Antonio Francipane et al.

Correspondence to: Antonio Francipane (antonio.francipane@unipa.it)

The copyright of individual parts of the supplement might differ from the article licence.
Supplementary Material

Figure S1. Impacts of some floods that affected Sicily in the last years. Source aerial: © Google Maps Satellite basemap available within the QuickMapServices plugin of Quantum GIS.


Figure S2. Thunderstorm cell observed from the Meteosat-11 project satellites (image in the visible channel) on 15 July 2020 at 17:00. Source image: EUMETSAT of the UK Met Office (https://en.sat24.com/en/it/visual).
Figure S3. Thermodynamic state of the atmospheric column on 15 July 2020. Data from the radiosonde data station LICT Trapani-Birgi. Source image: University of Wyoming (http://weather.uwyo.edu/).
Figure S4. Sentinel-2 image of the a) 14 July 2020 at around 10:00 (i.e., the day before the flooding event) and 2) 16 July 2020 at around 09:50 (i.e., the day after the flooding event). The boxes blue and red indicate the underpasses Da Vinci and Michelangelo, respectively. Despite the not-optimal resolution of the images, it is possible to glimpse the traces left by the mud in the two underpasses the day after the flooding event. Source: Copernicus Open Access Hub (https://scihub.copernicus.eu/dhus/#/home).