

The following supplemental material is provided along with the paper by title "Dam break wave propagation in an alpine valley with HEC-RAS 2D: the experimental Cancano test case", authored by Marco Pilotti, Luca Milanese, Vito Bacchi, Massimo Tomirotti, and Andrea Maranzoni:

- File DTM_upper_60m.txt

Digital terrain model of the Adda valley defined by 60 m cells from the Cancano I dam to Section 23.

- File DTM_lower_60m.txt

Digital terrain model of the Adda valley defined by 60 m cells from Section 23 to Cepina.

- File measured_Q_hydrographs.txt

Measured discharge hydrographs of the total collapse scenario digitized from De Marchi (1945):

The file has a header composed by a description line, a blank line and a heading for each one of the 4 columns: (Time in seconds, measured discharge at the dam in $\text{m}^3 \text{s}^{-1}$, measured discharge at Section 23 in $\text{m}^3 \text{s}^{-1}$, and measured discharge at Cepina in $\text{m}^3 \text{s}^{-1}$).

- Shapefile "De_Marchi_flooded_area_polygon"

Set of files (*.dbf, *.shp, *.shx, *.sbx, *.sbn) for applications in GIS environment representing the flooded area in the lower part of the domain digitized from De Marchi (1945) for the total collapse scenario.

- Shapefile "sections"

Set of files (*.dbf, *.shp, *.shx, *.sbx, *.sbn) for applications in GIS environment representing the locations of the reference sections used by De Marchi (1945) (i.e. Dam, Section 23, and Cepina). The shapefile includes a field named "Nome" that associates to each section its name for labelling.

- File "De_marchi_1945.pdf"

Copy of the paper by De Marchi (1945) written in Italian.