

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Geographic coordinates of the gas discharges. Values are expressed in decimal longitude and latitude. The following additional information is provided: country, altitude (extracted from the global digital elevation model GTOPO30, <https://lta.cr.usgs.gov/GTOPO30>), geology and era of the terrain (extracted from the general geologic map of the world; <https://mrdata.usgs.gov/geology/worldgeol.html>), distance from the nearest fault and sliptype, distance from the nearest Holocene volcano.