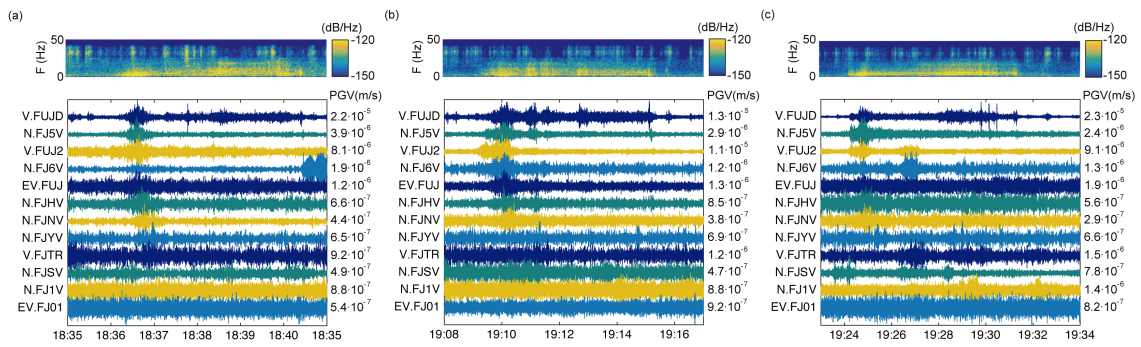
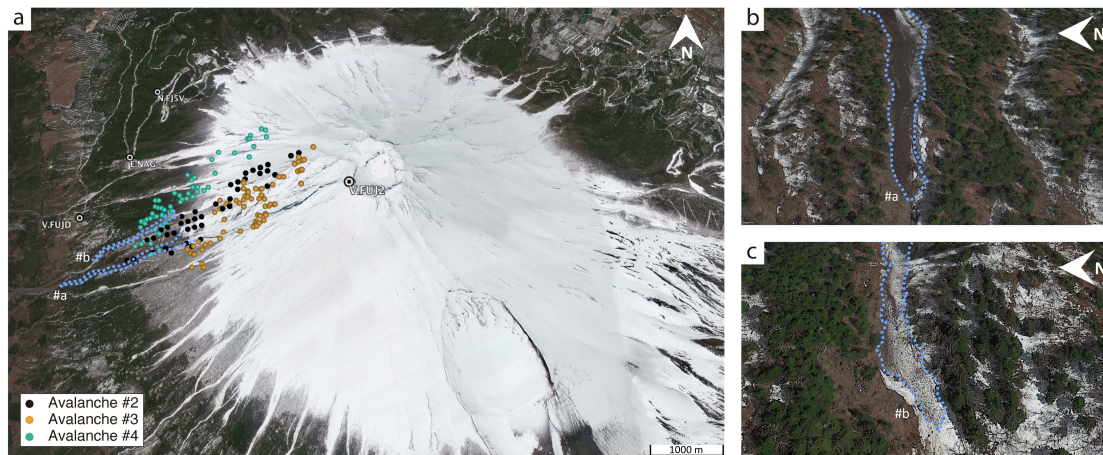
This supplementary file contains two figures (Sp1 and Sp2):

Sp1. Spectrogram (computed at V.FUJD station) and vertical seismograms generated by the three, not verified, snow avalanches released on 2014-03-13 (Table 1): avalanche #2 (a), avalanche #3 (b) and avalanche #4 (c). Each trace is normalized by its maximum amplitude (Peak Ground Velocity, PGV).

Sp2. (a) Historical image from Google Earth aerial images (Image credit: Landsat / Copernicus) of Mt. Fuji taken on 2014-04-7, approximately three weeks after avalanche #1. The image shows the ASL locations of the three avalanches (#2, #3 and #4 of Table 1), which are extended through Osawa valley and a northern parallel path of the W flank of Mt. Fuji. The blue lines show the observed avalanche deposits in the historical image. (b) Close up view of the avalanche deposits observed at path #a. (c) Close up view of the avalanche deposits observed at path #b.