

Author's change in manuscript

Regarding the filtering criteria applied to horizontal displacements, see the Methods section (p. 11, l. 8-26 in the new version): "The subsequent filtering procedure excluded points that did not meet the following conditions: (i) the displacement magnitude must be higher than the RMSE generated by the orthorectification and co-registration steps (Table 2); (ii) the azimuthal deviation from the general landform flow direction must be less than 40° ; (iii) the maximum cross-correlation coefficient in the search template around the point (r_{max}) must be higher than \bar{r}_{max} , the latter \bar{r}_{max} being the maximum cross-correlation coefficient's average value for all measured points; (iv) the average cross-correlation coefficient in the search template must be less than $\bar{r}_{avg} + 1\sigma$, the latter \bar{r}_{avg} and σ being the average cross-correlation coefficient's average and standard deviation values, respectively, for all measured points. The use of the latter criterion aimed at removing noise data from the results, as suggested for example in the online CIAS recommendation. Eventually, remaining mismatches were manually removed after the filtering. The total displacements measured by the program were converted in annual displacement rates, and the displacement vectors were mapped."