

The paper examines the usage of airborne LiDAR scans in detecting and characterizing collapsed buildings. As an initial phase, buildings are detected via geocoded database coupled with pre-event laser scanned data. Each building is then characterized by three parameters based on pre- and post-event scans: height differences (ΔH), standard deviation (σ) and correlation (r). Based on these parameters the authors test three different methods to classify collapsed and non-collapsed buildings. They make further use of the parameters in order to characterize the collapse pattern.

The paper is well written, and changes based on previous comments were implemented within the text. However, some small details should be considered:

General comments:

- New paragraphs, which were added after revision, should be reviewed to improve language.

Focused comments:

Page 2, lines 8-12: it is unclear what exactly was suggested. Which features were extracted and what did they propose doing with them?

Page 3, lines 3-4: the sentence "The detection of collapsed building..." seems redundant, and is ill phrased.

Page 6, lines 22-25: I think that an equation will be of help here. It is unclear what the authors refer to in respect with parameter C , and if the purpose was to clarify SVM, it was missed here.