

Interactive comment on “An Automated Technique for Damage Mapping after Earthquakes by Detecting Changes between High-Resolution Images” by Tianyu Ci et al.

Tianyu Ci et al.

city@mail.bnu.edu.cn

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Dear reviewer:

Thank you for your comments concerning our manuscript entitled “An technique for rapid damage mapping after earthquakes by detecting changes between high-resolution images”. Those comments are all valuable and very helpful for revising and improving our paper, as well as the important guiding significance to our researches. We have studied comments carefully and have made correction which we hope meet with approval. Revised portion are marked in red in the paper. The responds to your comments are following:

C1

1) The abstract is too simple, it does not give what is novel (new) in theory and/or methods. Please contain at least one sentence for objective/hypothesis, purpose/aim, experimental material, method of investigation, data collection, result and conclusions.

Responds :We have revised the abstract.

2) Please modify the flowchart to include key algorithms of this proposed method. Also, check the typo:” Image processing”.

Responds :We have modified the flowchart

3) The results and discussion should be parallel and divided into two separate sections.

Responds :Done

4) The language may be improved by a native speaker, as some sentences sounds awkward. Eg. page 4 line 139-140, page 12 line 305, page 13 line 353, et al.

Responds :We have modified.

Specific comments: Page 13 line 351, where is the link? Cannot find either here nor in the references.

Responds :We have modified. We add the link and change the references.

Page 14 lines 368-369. This sentence is strange. I would wonder why not write your program that way?

Responds :We have modified.

Figure 10. Why not combine (a) and (b), as (b) has very few information to show. Also consider (d) as an inset of (c).

Responds :We have modified.

Special thanks to you for your good comments.

C2

