

## Response to Comments

Ref: npg-2019-46

Title: Seismic section image detail enhancement method based on wavelet transform

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Dear Editors and Reviewers,

On behalf of my co-authors, we thank you very much for giving us an opportunity to revise our manuscript; we appreciate editor and reviewers very much for their positive and constructive comments and suggestions on our manuscript.

We have studied comments carefully and have made correction which we hope meet with approval. Attached please find the revised version, which we would like to submit for your kind consideration.

We would like to express our great appreciation to you and reviewers for comments on our paper. Looking forward to hearing from you.

Thank you and best regards !

Yours sincerely,

Chang-Lei DongYe

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### **Referee #2 :**

**Comments:** I really appreciated the effort done by you to improve the already good quality of your manuscript.

Nonetheless, I will point out some (just five) technical corrections which could further increase the precision of the manuscript:

- Page 1, line 23: Change "plays" into "play".

- Page 5, line 7: I still do not agree with the syntax of this sentence, in particular when you say

"marked an image block centered at q ..."

- Page 7, line 19: Change "show" into "shown".

- Page 7, line 21: Change "used" into "applied".

- Page 12 and 13: In my opinion, it is important to explain what is the red box both in the caption and in the main text. In particular, when you describe the results of the processing of the image you can refer to the red box in the figure. The same, in my opinion, has to be done for figure 7.

**Author's response:** We have made correction according to the Reviewer's comments. For details, please refer to supplement as attachment.

We tried our best to improve the manuscript and made some changes in the manuscript. These changes will not influence the content and framework of the paper. And here we did not list the changes but marked in revised paper.

We appreciate for Editors and Reviewers' warm work earnestly, and hope that the correction will meet with approval.

Once again, thank you very much for your comments and suggestions.