

## ***Interactive comment on “Paleoclimate and paleoseismic events discovered from the Diexi barrier lake on the Minjiang River, China” by X.Q. Wang et al.***

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All comments by Referee #2 have been well addressed. Please also refer to the revised manuscript in Supplement.

1) Page 4, Lines 14 and 16: “Paleo-seismic” should be consistent with “Paleoseismic” in other places.

Addressed. Please see the revised manuscript (Page 2684, Lines 14 and 16).

2) Page 3, Line 9: “reflect” should be “reflects”.

C1140

Addressed. Please see the revised manuscript (Page 2683, Line 9).

3) Page 6, Lines 6 and 7: “Spore-pollen” should be “Sporo-pollen”.

Addressed. Please see the revised manuscript (Page 2686, Lines 6 and 7).

4) Page 5, Line 2: should be “the North Chinese plate”.

Addressed. Please see the revised manuscript (Page 2685, Line 2).

5) Page 5, Line 13: “is” should be “was”.

Addressed. Please see the revised manuscript (Page 2685, Line 13).

6) Page 5, Line 24: “were” should be “was”.

Addressed. Please see the revised manuscript (Page 2685, Line 24).

7) Page 7, Line 25: “earthquakes” should be “earthquake”.

Addressed. Please see the revised manuscript (Page 2687, Line 25).

8) Page 10, Lines 2 and 3: “climate” should be “climates”.

Addressed. Please see the revised manuscript (Page 2690, Lines 2 and 3).

9) Page 9, Line 18: “Segment IV” should be “Segment IX”.

Addressed. Please see the revised manuscript (Page 2689, Line 18).

10) Page 11, Lines 6 and 8: “is” should be “was”.

Addressed. Please see the revised manuscript (Page 2691, Lines 6 and 8).

11) Scales are needed for Figs. 4 and 11.

Addressed. Please see the attached figures as below.

We thank both reviewers and the editor for carrying out a deep reviewing and providing valuable comments to improve the quality of the manuscript.

C1141

Please also note the supplement to this comment:  
<http://www.nat-hazards-earth-syst-sci-discuss.net/2/C1140/2014/nhessd-2-C1140-2014-supplement.pdf>

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 2, 2681, 2014.

C1142



Fig. 4. Structure of lacustrine sediment in the Diexi barrier lake

**Fig. 1.** Fig. 4. Structure of lacustrine sediment in the Diexi barrier lake

C1143



Fig. 11. Earthquake-induced disturbance layer in the sediment exposed on an outcrop

**Fig. 2.** Fig. 11. Earthquake-induced disturbance layer in the sediment exposed on an outcrop

C1144