

Interactive comment on “Tree-ring reconstruction of seasonal mean minimum temperature at Mt. Yaoshan, China, since 1873 and its relevance to 20th-century warming” by Y. Liu et al.

Anonymous Referee #1

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Interactive comment on “ A tree-ring width-based reconstruction of the seasonal mean minimum temperature in the Mt. Yaoshan, China, since 1873 and its relevance to 20th-century warming” by Liu et al.

Liu et al. used tree-ring width of Chinese Pine (*Pinus tabulaeformis*) to reconstruction mean minimum previous December to current June temperature since 1873 covered Central Plains of China (CPC). Authors examined that their reconstruction is agree with the report of IPCC (2007) which demonstrated that in the 20th-century global warming began around 1910. The paper is well written and meets the objective for publication in CP after consideration some points as followings.

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Page 5 line 107 delete hyphen between *Betula albo-sinensis*. Page 7 lines 134-145, Authors wrote that 4 meteorological stations surround the study site were selected as reference however line 140 authors said that later on only two stations (Xixia and Lushi) were chosen for further analysis. Should authors explain why those two which situated only on the west side (Fig. 1) of study site are qualified? And how much distance of both meteorological station to study site? Page 8 lines 170-172, Should authors check the year for calibration and verification in line 170-172 matches with the year in Table 2, 3. Fig. 13 Authors explains about the good captured of Tree-ring width and El Nino event. I wonder whether the figure 13 presents the very strong El Nino in 1997-1998 and 1982-1983? If not could authors' explanation.

Please also note the supplement to this comment:

<http://www.clim-past-discuss.net/10/C196/2014/cpd-10-C196-2014-supplement.pdf>

Interactive comment on Clim. Past Discuss., 10, 859, 2014.

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