Clim. Past Discuss.,
https://doi.org/10.5194/cp-2017-62-AC5, 2018

Climate of the Past Discussions
Open Access
EGU

Interactive comment on "Vegetation and fire anomalies during the last 70 ka in the Ili Basin, Central Asia, and their implications for the ecology change caused by human activities" *by* Yunfa Miao et al.

Yunfa Miao et al.

yunfine2000@sina.com

Received and published: 3 February 2018

Dear Carlo, Thanks again for your further encouraging comments to revise our paper. Before response we have organized twice discussions within our group and then with Dr. D.J., Zhang (An archeologist, Lanzhou University: https://www.researchgate.net/profile/Dongju_Zhang2), respectively. Now we began to totally understand your worries and tried to organize the manuscript better. In this renewed manuscript, besides the first-hand pollen and microcharcoals within the same profile, we still can't help thinking another important attribution is to investigate the in-

Printer-friendly version

Discussion paper

ternal relationships between vegetation anomalies and special local fire. Although the conclusion seems a little novel, it should be relatively more reasonable speculative so far. Here, we show a carton model below to help understanding the explanation easily. In this renewed manuscript, we rephrased 'Abstract' greatly and 'Discussion' moderately in order to explain more clearly the relationships between the fire anomalies at ∼47.5-36.0 ka and vegetation anomalies at ∼36.0 ka. Figure 11 was renewed through deleting the human migration routes in order to avoid the debates in the archeologists. Every modification in this manuscript is shown as "Marked manuscript" for easy identification of changes. Then the final one is show as "Clean manuscript". Thank you again for re-considering this paper.

Sincerely yours, Yunfa Miao, Yougui Song, Yue Li, Shengli Yang, Yun Li, Yongtao Zhao

Please also note the supplement to this comment:
https://www.clim-past-discuss.net/cp-2017-62/cp-2017-62-AC5-supplement.pdf

---

Interactive comment on Clim. Past Discuss., https://doi.org/10.5194/cp-2017-62, 2017.

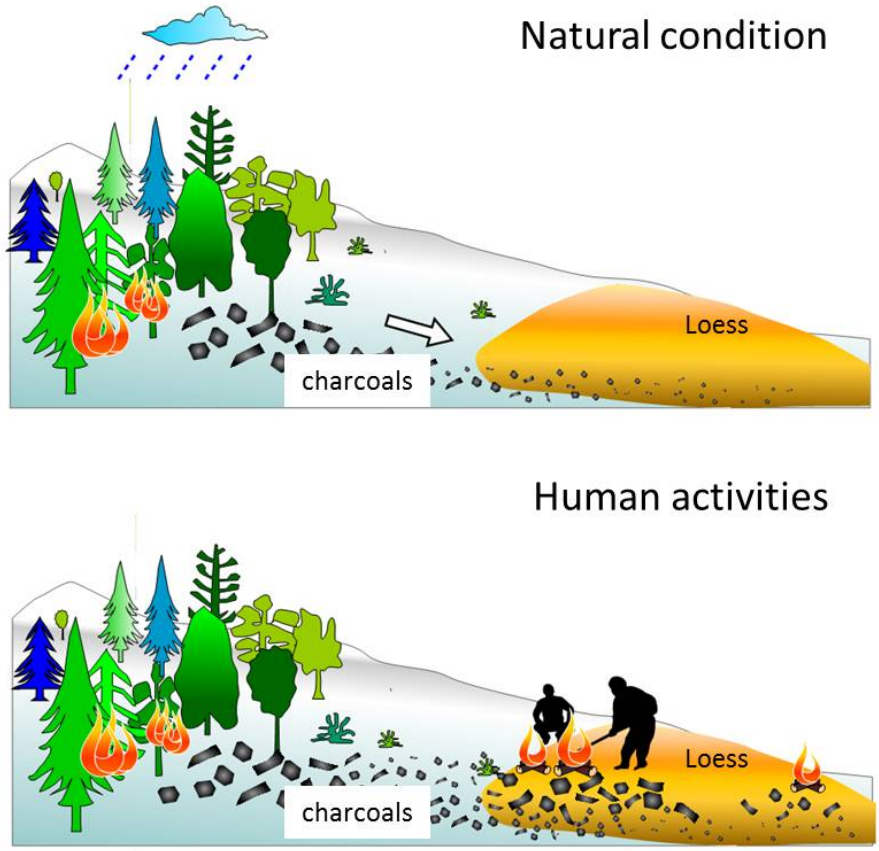

Fig. 1. Cartoons to show two end-member modelings for natural and human-related fires

Printer-friendly version

Discussion paper