

Dear Dr. Gao,

I have read your revised manuscript entitled “Change in frozen soils and the effects on regional hydrology, upper Heihe Basin, northeastern Qinghai-Tibetan Plateau” (tc-2017-158). Thank you for your revisions. Please make the following edits before submitting for publication.

Best regards,

Peter

Minor comments:

Change title to reflect capitalization as indicated above.

P4, L66: Change “alternate” to “alternative”.

Figure 8: “°C” in title of second Y-axis label in panel (a) does not match font in the rest of the figure, nor similar text in Figure7. Also, insert a space between “Temperature” and “(°C)”.

Figure 9: In panels (d) and (e), insert a space between “Elevation” and “(m)”, and between “permafrost” and “(%)”.

Figure 11 caption, Line 934: “thawing season.” Becomes “thawing season for the period of 1971 to 2013.”