Thank you for the great efforts in copy editing and typesetting. We have carefully gone through all the Equations and found four typos (marked as red) as follows:

Meanwhile, UP is computed as the function of relative humidity (RH):

(28)

Here, UPmax is the maximum fire spread rate depending on PFTs, fRH and represent the dependence of fire spread on RH and on root-zone soil moisture, respectively. is simply set to 0.5 and fRH is calculated as:

(29)

In this study, we set RHlow =30 % and RHup =70 % as the lower and upper thresholds of RH following the methods used in Li et al. (2012). If RH is higher than 70%, natural fires will not occur and spread, and RH will no longer be a constraint factor for fire occurrence and spread if RH 30%. G(U) is the limit of the fire spread:

(30)

Explanation:

For Eqs 28 and 30, the original G(W) is actually G(U) because we use U to represent wind speed in Eq. 26. So the W should be changed to U for the consistent indication of wind speed.

For Eq. 29, we use the same method (and same code) as Li et al. (2012). This is a typo in our text editing.