

Fig.1 The location of Haibeistation(a), study sites(b) and lysimeter system (c)

Fig.2 The seasonal variation of measured ET and main environmental variables. Note: R_s represent total radiation; R_n represent net radiation; T represent mean air temperature; VPD represent vapor pressure deficit; RH represent relatively humid.

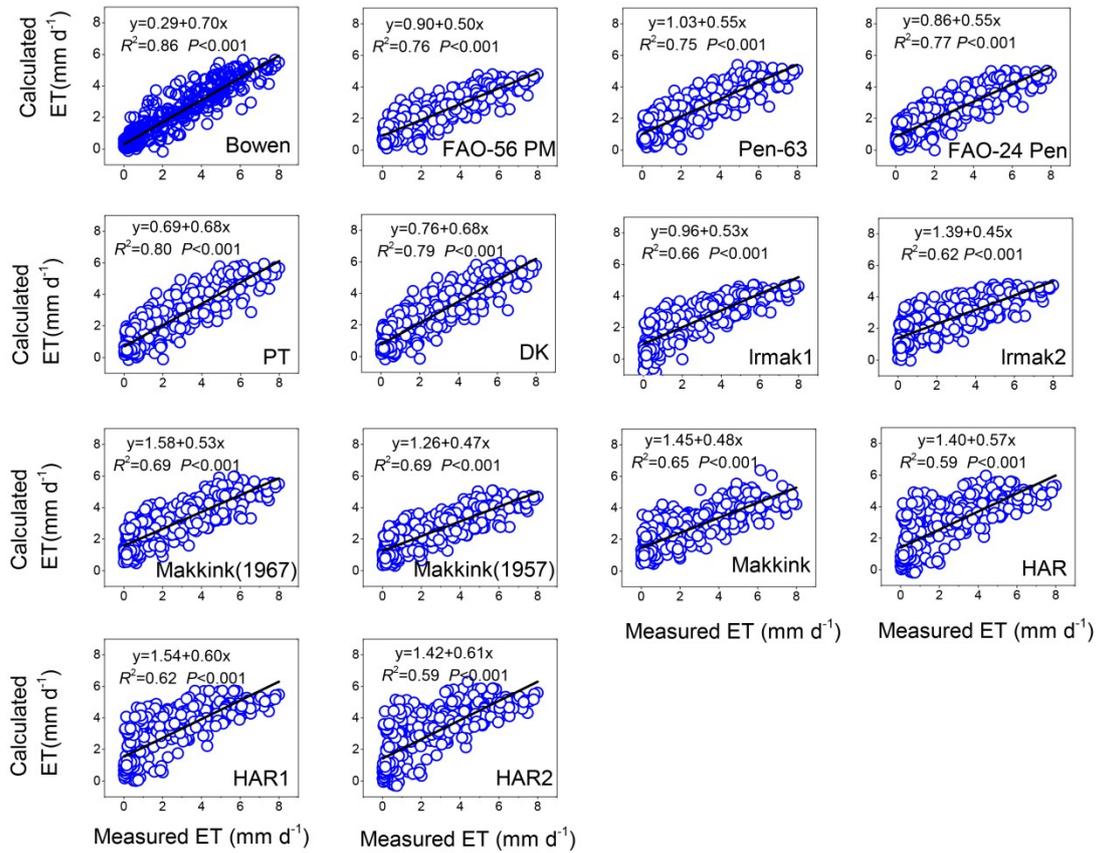


Fig.3 The relationship between daily ET_0 of model estimates and lysimeter measurements during the whole study period (data points = 393)

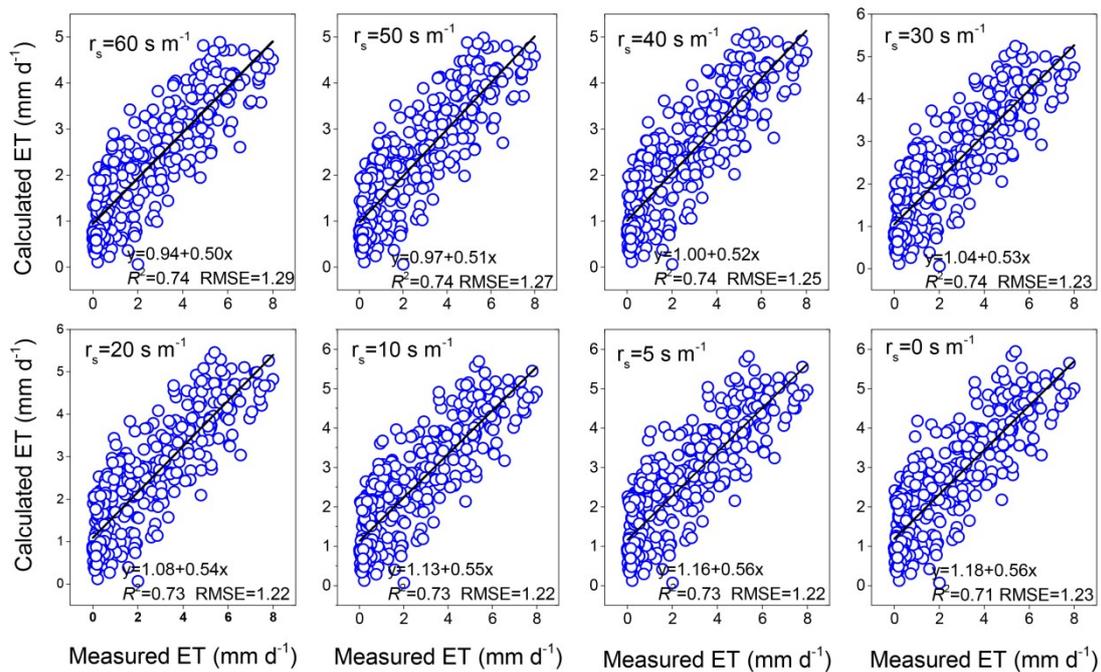


Fig.4 Effect of different surface resistance on daily estimates of the FAO56 Penman-Monteith

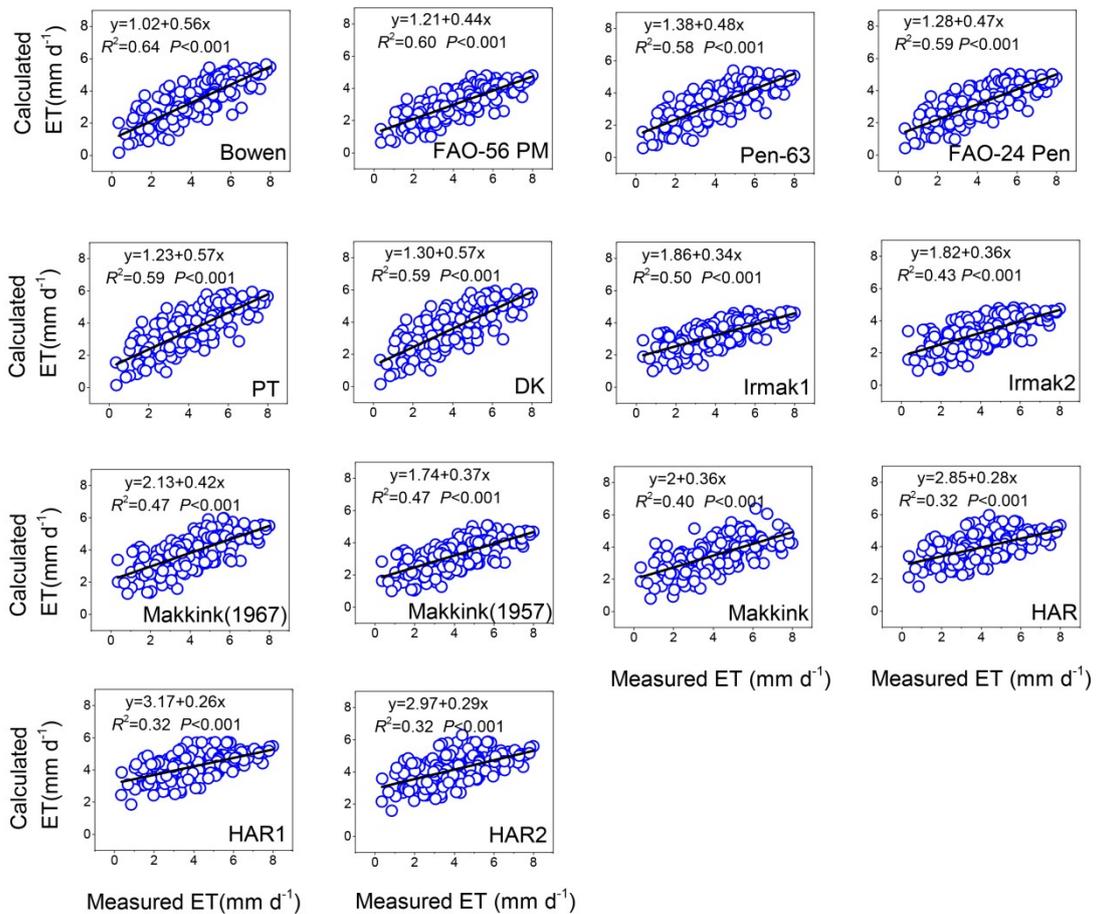


Fig.5 The relationship between daily ET_0 of model estimates and lysimeter measurements during growing season (data points = 181)

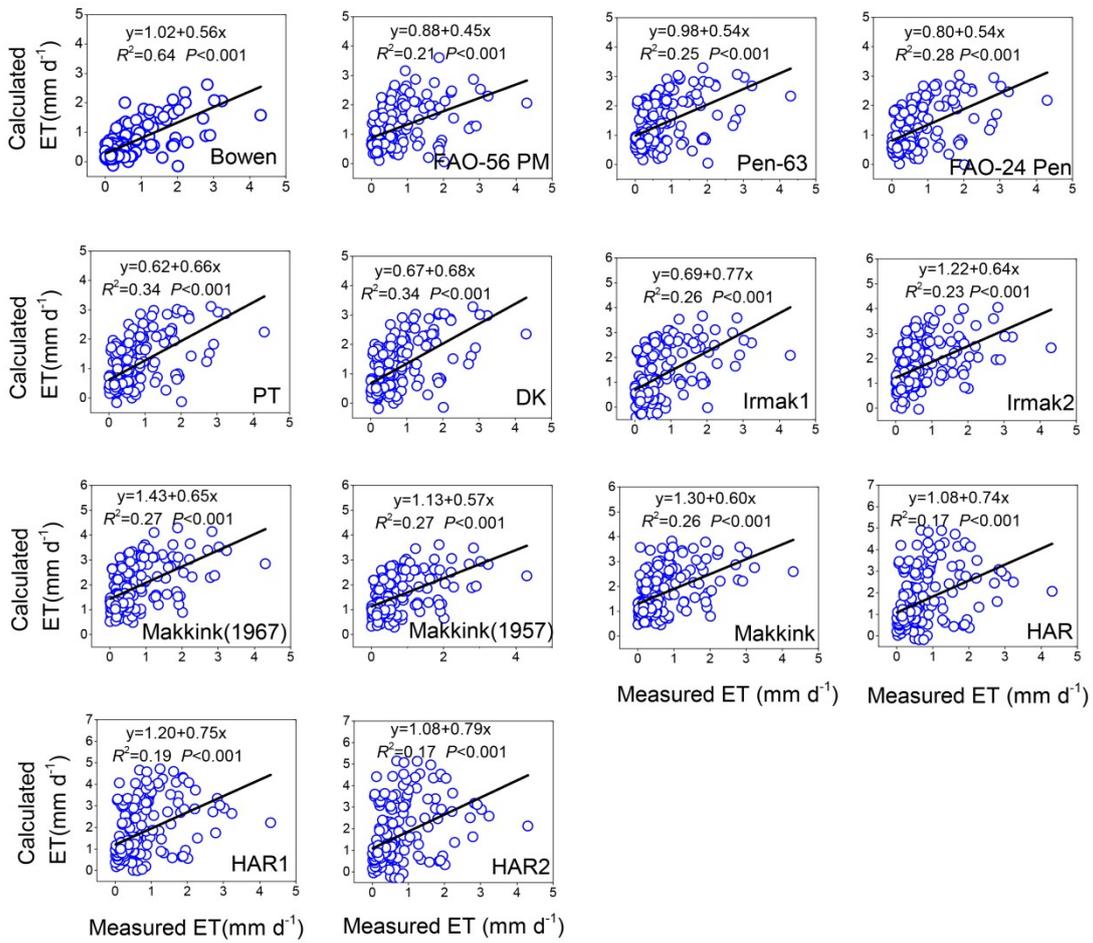


Fig.6 The relationship between daily ET_0 of model estimates and lysimeter measurements during non-growing season (data points = 143)

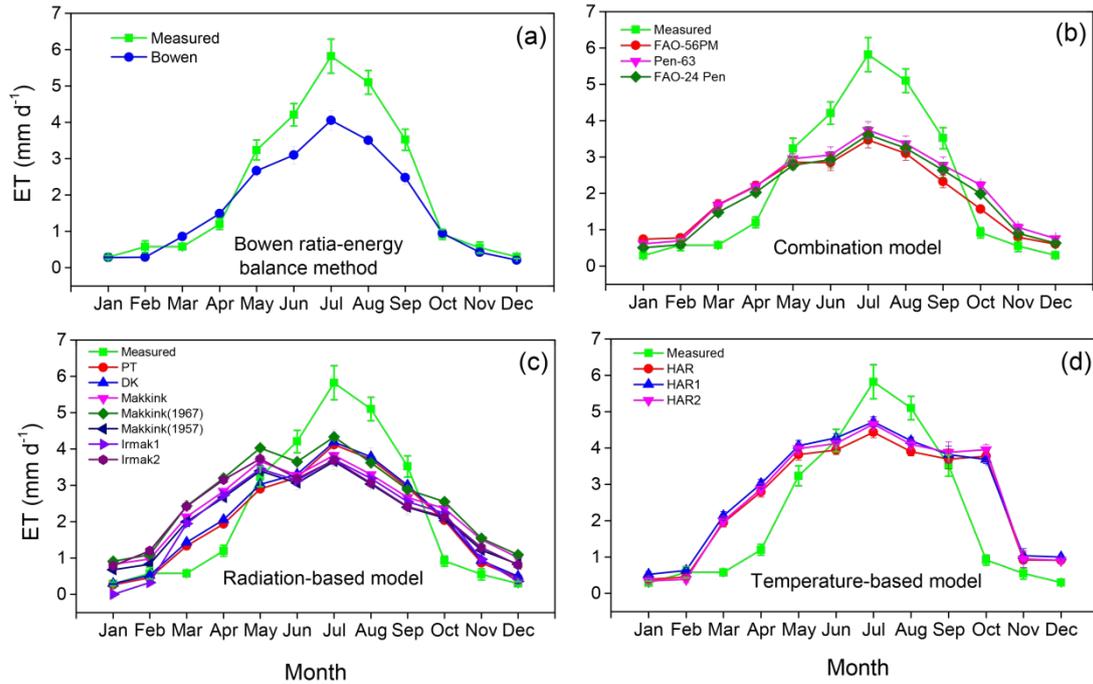


Fig.7 The comparison of monthly mean daily ET₀ between lysimeter measurements and model estimates

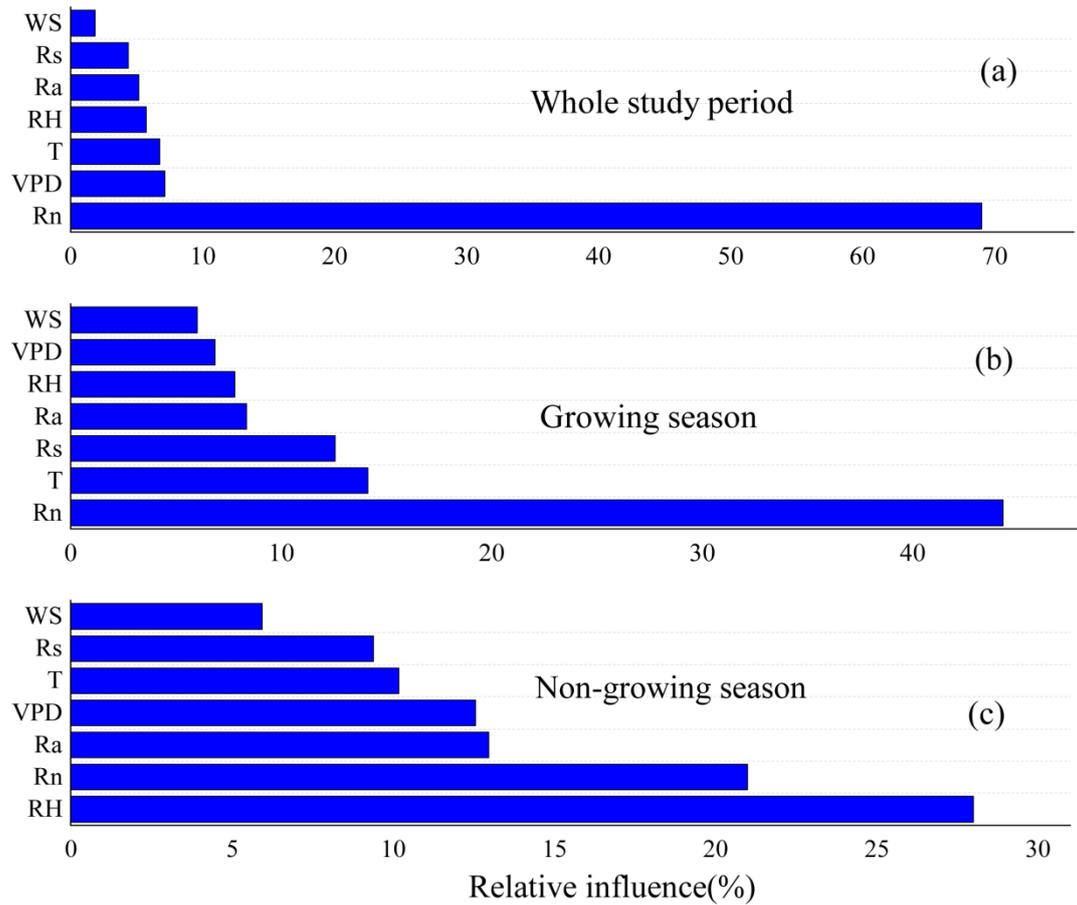


Fig.8 The relative influence of meteorological factors on ET_a, Note: WS: wind speed; TD: the

difference value between maximum air temperature and the minimum air temperature; G: soil heat flux; R_a : extraterrestrial solar radiation; R_s : total radiation; VPD: vapor pressure deficit; RH: relative humid; T: mean air temperature; R_n : net radiation