

Scope	Annual $R_s$ (g C m <sup>-2</sup> yr <sup>-1</sup> )	$Q_{10-ST5}$	$Q_{10-ST10}$	Reference source
Global terrestrial ecosystems	910.0 (657)	2.40 (77)	3.10 (46)	S. Chen et al. (2010)
	870.0 (1195)			Chen et al. (2014)
	791.2 (1741)			Hursh et al. (2017)
				Wang et al. (2010)
Global grasslands	448.9 (46)	2.13 (41)		Wang and Fang (2009)
	745.0 (179)			S. Chen et al. (2010)
	840.0 (113)			Chen et al. (2014)
	599.1 (163)			Hursh et al. (2017)
Chinese terrestrial ecosystems		2.03 (64)	2.61 (33)	Peng et al. (2009)
Chinese forests	919.7 (139)	2.46 (107)		Song et al. (2014)
		2.51 (145)		Xu et al. (2015)
Chinese grasslands	582.0 (54)	2.80 (73)	2.56 (59)	This study